



DRIP POINTS

MAGAZINE FOR INSULATOR COLLECTORS

APRIL 2022 · VOL. 50, No. 2

Telegraph Insulators.

No. 154,451.

Patented Aug. 25, 1874.

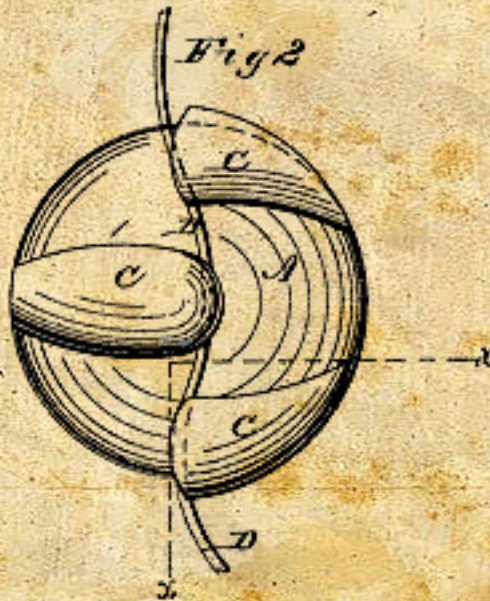
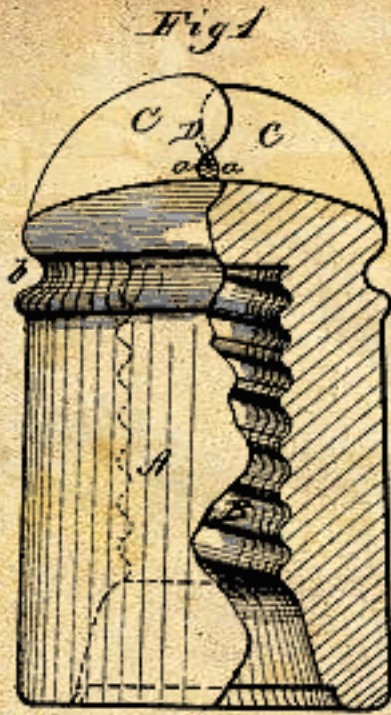
ANNOUNCING

THE CD 128.8

HOMER BROOKE'S
"NO TIE"

PATENT MAY 26TH
1874

PATENT AUG. 25TH
1874



WITNESSES
Stanof L. Orand.
W. E. ...

INVENTOR
Homer Brooke.

CELEBRATING 50 YEARS



**THREADLESS INSULATORS WANTED FOR MY COLLECTION
& RESEARCH. WILL PAY TOP DOLLAR!**

COLLECTING INSULATORS SINCE 1967! I AM OLD.

DARIO DIMARE

**318 MAIN STREET, NORTHBOROUGH, MA 01532
617-306-2420 DARIO@DARIODESIGNS.COM**

In This Issue *&* DRIP POINTS

🏠 NIA Board & Committee Articles *🏠*

President	Darryl Wagner.....	5
Drip Points Managing Editor	Doug Rusher.....	6
Scholarship Committee Chair.....	Tammy Brewer.....	6
Commemorative Coordinator	Margaret Wagner.....	7
Western Region VP	Roger Ziesak.....	6
Eastern Regional VP	Gus Stafford.....	8-9

🏠 Features & Articles *🏠*

The California Adventure (Part 2)	by Dwayne Anthony.....	10-15
Beat the Winter Blahs Show Report.....	by Arlen Rienstra.....	16-17
The CD 128.8 Homer Brooke's Patent.....	by Dario DiMare.....	18-27
Did You Know?.....	by Don Briel.....	28-29
GCSIC Yuma Show Report.....	by Daryl Stahler.....	30-32
CBIC 32nd Annual Show Report.....	by Gus Stafford.....	33-34
A New Foreign Find in Poland.....	by Dominik & Patrycja.....	35
The Scotia Helmets.....	by Joseph Garegnani.....	36-40
NIA Companion TidBits.....	by David Baron.....	41
Tree Insulators(Part 2).....	by Doug Rusher.....	42-47
Upcoming Shows & Events.....		48-49
Advertisements & Member Classified Ads.....		50-59

🏠 NIA Information & Forms *🏠*

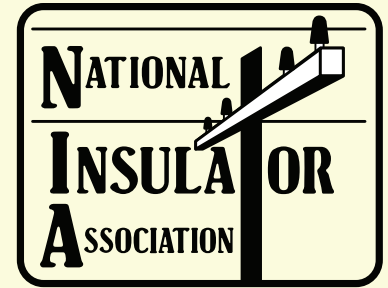
Drip Points Magazine Ad Rates and Specifications	58
NIA Donors & Sponsors.....	60-61
NIA Affiliated Clubs.....	62
NIA Membership Application & Renewal Form	63
NIA Merchandise	64-65
NIA Contact Information	66

🏠 About the Cover *🏠*

Celebrating 50 Years of Drip Points!

What initially began as the National Insulator Association's black & white newsletter in 1973 has gradually evolved to into the bimonthly, full color magazine you see in front of you. This issue's cover features the newly discovered CD 128.8 and the exclusive story of how it was found and all of the patent information see pages 18-27!

Would you like to have your photo or artwork featured on the cover of Drip Points Magazine? Contact the Editors at drippoints@nia.org.



Established in 1973, the National Insulator Association is a 501(c)(3) charitable nonprofit organization. Visit us on the web at www.nia.org.

About Drip Points Magazine

Drip Points Magazine is published bi-monthly to all active members of the National Insulator Association.

To purchase ad space or submit content, please email drippoints@nia.org, call (406) 461-7341, or write to: Doug Rusher, 3370 Chance Ct., Helena, MT 59602.

Publishing Schedule

Issue	#	Deadline	Mailing
February	1	Jan. 10	Feb. 1
April	2	Mar. 10	Apr. 1
June	3	May 10	Jun. 1
August	4	Jul. 10	Aug. 1
October	5	Sep. 10	Oct. 1
December	6	Nov. 10	Dec. 1

What's in a Name?

"Drip Points" is named after the feature seen on many insulators produced from the 1890s through the 1950s. Drip points are the bumpy protrusions around the base of an insulator. Their purpose was to help draw water off of the insulator.

Copyright © 2022 National Insulator Association. All rights reserved. No part of this publication may be reproduced, stored, transmitted, or disseminated in any form or by any means without prior written permission from the National Insulator Association. Magazine designed by Christian Willis.



WANTED

My Goal is to form a complete collection of CD styles



IF YOU ARE SELLING, PLEASE GIVE ME THE CHANCE TO TOP YOUR HIGHEST OFFER!

The insulators I need are listed by their CD number in the following columns. Numbers in regular typeface are North American CD's Numbers in **Red** are Foreign CD's

North American		Foreign		Threadless		Odds & Ends	
10	136.5	334	404.2	570	656.8	700.4	1025
12	139.8	343	404.5	571.7	669.5	723.5	1034
25	148	343.5	405.5	583	669.8	724.5	1035
28	181.5	350.3	414	586.5	687.1	728.5	1040
28.5	192.1	365	445.4	591		732.4	1045
29.5	244.5	370.3	451.5	595		784	1052.5
30	245-cup	374	451.6	607			1066.5
30.5	303.5	377.7	480	607.5			1100
33	313	378.4	533	610.2			1102.3
45	313.1	379.3	537.4	613			1102.5
61		380.1	563.2	625.5			1103
109.7		404	567.5	653.5			1127



THESE YUMMIES ARE LOOKING FOR MORE NEW FRIENDS

FOR CASH CONTACT:

Tommy Bolack 3901 Bloomfield Hwy. Farmington, NM 87401 (505) 325-7873



NIA PRESIDENT

DARRYL WAGNER ✨ NIA #8671

Greetings NIA Members!

2022 is off and running, time has changed and the days are getting longer. For most of us, it will be time to start mowing grass before long. With the longer days and better weather, hope you have time to enjoy the hobby more than during the winter. This year's National will be here before we know it and if you can, don't miss it. There is a lot of history in the Gettysburg area, so it will be very easy to make it a vacation, an extra day or so, or of course, just come to the show. Gus & crew are working hard to make this year's National a memorable one.

Shows are starting up again, so whether you make it to the National or not, get to a show. Shows can only continue if there are dealers that get tables and if there are attendees. Shows are a great way to meet other collectors, learn more about our hobby and of course, support your habit. Sorry about that, should have said support your collection. Encourage other collectors to attend shows also, the more the merrier.

Speaking of shows, be sure to read the "NIA Companion Tidbits" article about the Show listing option. Another benefit of this new tool for the hobby is that whether you have an iPhone or an android, there is an app for your phone that connects to the program. If you are at a show, an antique store, sale or wherever, you can take a picture and post it from your phone to any of the Companion forums. Very neat and easy to use. Try it! If you have friends that are not NIA members, they can use it too, but don't forget to encourage them to join the NIA.

Also wanted to welcome and say Thank You, to the newest addition to the Drip Points Editorial Staff. Nathan Holmes has joined as an assistant editor. Still looking for a couple of other people to assist with a few tasks, no editing, just assisting with some of the things that help put together our great magazine. If you have a little extra time, or would simply like to assist, please reach out to me so we can discuss what is needed.

Wanted to also let you know that if you have any suggestions, questions or complaints about our hobby or organization, please feel free to contact me. If you see me at a show, be sure to introduce yourself if we haven't met before or say hello if we have. My goal is to encourage growth of the hobby and the NIA. Your help is vital to do that.

I also received a Message from Liz Bergman

Hello collector friends,

Thank you all for the well wishes for my health. I had a stroke in August which has impaired my right arm and leg as well as my speech/swallowing, which has since improved. Progress has been slow but I've been making improvements. Feeling better with rehab but it's hard work. I am looking forward to getting home and back into the garden. I appreciate all the cards and emails.

Happy collecting,

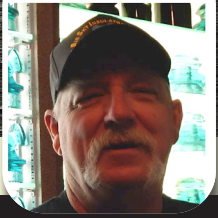
Darryl Wagner



U-928 BOCH Patent in Butte Montana Photo by Justin Martin

SPECIALIZING IN
INSULATORS
FROM OUTSIDE
NORTH AMERICA
BUY ~ SELL ~ TRADE

NATHAN HOLMES
 MAVERICK@DRGW.NET
 719-235-1286
 NIA #4002



DRIP POINTS MANAGING EDITOR

DOUG RUSHER ✨ NIA #1773

Hi My good friends and fellow collectors,

Well my first issue is under my belt, and being assistant editor the last few years, I didn't realize how much work Christian had put into getting this fanstatic magazine together. believe me it's alot of work. So again I want to thank Christian for all of the hard work as I have a BIG pair of shoes to fill, and Thank him again for all of the help and support. I also want to thank Nathan Holmes for stepping up and taking my spot as assistant editor. he has been doing a super job and has jumped into helping Mike, Christian and myself getting the magazine ready. So we really hope you like this issue, and there are some really great articles coming in the future as well, so you won't want to miss a single issue. Also if you have a article you would like to submit please send it our way. Thank You Again for supporting such a GREAT Hobby.



WESTERN REGION VP

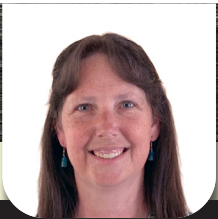
ROGER ZIESAK ✨ NIA #8919

Are Shows Worth It?

I love going to insulator shows. So, to me the answer is yes. Can I afford it given gas looks to be going north of four bucks a gallon and maybe heading to five. Some places it's already over \$5/gal and that hits the pocketbook pretty hard. I love to drive so I rarely fly anywhere, get me on the open road and I'm a happy boy. It will be tougher this year and I may camp out more than in the past but it's a worthwhile trade-off for me. Here in Montana, we get one show a year. Over in Helena and it's about a two-hour drive, easy-peasy for out west. I'm planning to hit at least five shows here in the western region this year (hoping for a light fire season) plus the National. A lot of driving but well worth it to me. Beth and I have a car that gets 30+ mpg on the highway so that helps a lot. Truck has more room but half the gas milage so it's staying home. We're combining things as much as possible on these trips – visiting relatives, seeing bucket list sites, and traveling back roads as well as the E-ways.

What it comes down to is personal enjoyment. Beth will be able to travel with me this year and she is a welcome sight in the navigator's chair. We have fun together and on the road is always good. Seeing our good friends (We stopped calling them our insulator friends a long time ago) and having a day or two to catch up is great and of course stories of insulator finds and collections bought are always interesting and fun to listen to. At least as much fun as buying, selling, and trading the darn things.

All of us will have to decide what getting to a show is worth, to Beth and me it's priceless. We hope to see many of you this year and, as the Western Region VP for a while yet make sure you stop by and bend my ear with the pluses and minuses of the NIA.



NIA SCHOLARSHIP COMMITTEE

TAMMY BREWER ✨ NIA #6696

The scholarship committee received 24 applications, 15 of which met our qualifications. We are in the process of reviewing these applications and will be presenting our recommendations to the board. While several of the applicants found our scholarship through an online search, it was exciting to see an increased number of applicants who are insulator collectors or who have family members that collect.

If you would like to have scholarship brochures available for upcoming shows, please let me know. Even though this year's deadline has passed, now is the time to get information into the hands of young collectors who will be looking for scholarships in the future.

Tammy Brewer



COMMEMORATIVE COORDINATOR

MARGARET WAGNER ✨ NIA #8711

NIA COMMEMORATIVES

NIA Commemoratives are made to commemorate our yearly National Shows and to support the organization. They make great gifts and are conversation starters if placed where people can see them.

Besides the 2021 "Clearly Gold", we have commemoratives back to 2015. Stock is low on a couple, so if you see something that you like, don't delay, order it. Here is our current line up

							
2015	2016	2017	2017	2018	2019	2020	2021
SOLID POUR	REGULAR POUR	CHAMELEON REGULAR \$40	ROCKY ROSE REGULAR \$30	REGULAR \$40 SOLID \$50	REGULAR POUR \$40	REGULAR POUR \$40	REGULAR \$50 SOLID \$75
\$45	\$45						

If you are looking for oddities, we have some ghost embossing on the 2019's, some under pours on the 2021's and some "leaners" in several years.

plunged. They vary in size and can be crude. They may lean or have flaws and they have no base markings.

See www.nia.org for some special pricing. You can also email commemorative@nia.org if you have some specific questions.

Thank you for you support of the NIA Commemorative Series and the NIA. ▲

Margaret Wagner

Several of the above commemoratives are almost out of stock, so orders are dependent upon availability. Note: Solid pours are not

History of the National Show Commemoratives: "Collecting Our History"

Being an enthusiastic insulator collector, Frank Miller of Tulsa, Oklahoma went home from the First National Insulator Meet (that's what the "National" show was referred to as in 1970) held in New Castle, Indiana with an idea that collectors should have something by which they could remember the National meets. After months of struggling, he managed to have an insulator mold made. Frank said it was often referred to as "Frank's Last Folly" since he retired from teaching shortly thereafter. He also said it was worth the struggle. The commemorative insulator he designed replicated the early threadless "Pilgrim Hat" (CD 736) and is almost 4 inches high and is 3¼ inches across at the base. Since 1970, the glass commemorative has marked the National show event with new embossing for the location and a new color of glass. In 1979, the project continued on by John & Carol McDougald of Sedona, AZ. John and Carol produced the yearly commemoratives through 2009, at which time they donated the production to the National Insulator Association starting with the 2010 commemorative. Any profits made from the NIA Commemoratives go directly to benefit the National Insulator Association, a 501(c)(3).

To place your order online, please visit:
<https://www.nia.org/products/commemorative/>
We accept PayPal and major credit cards.

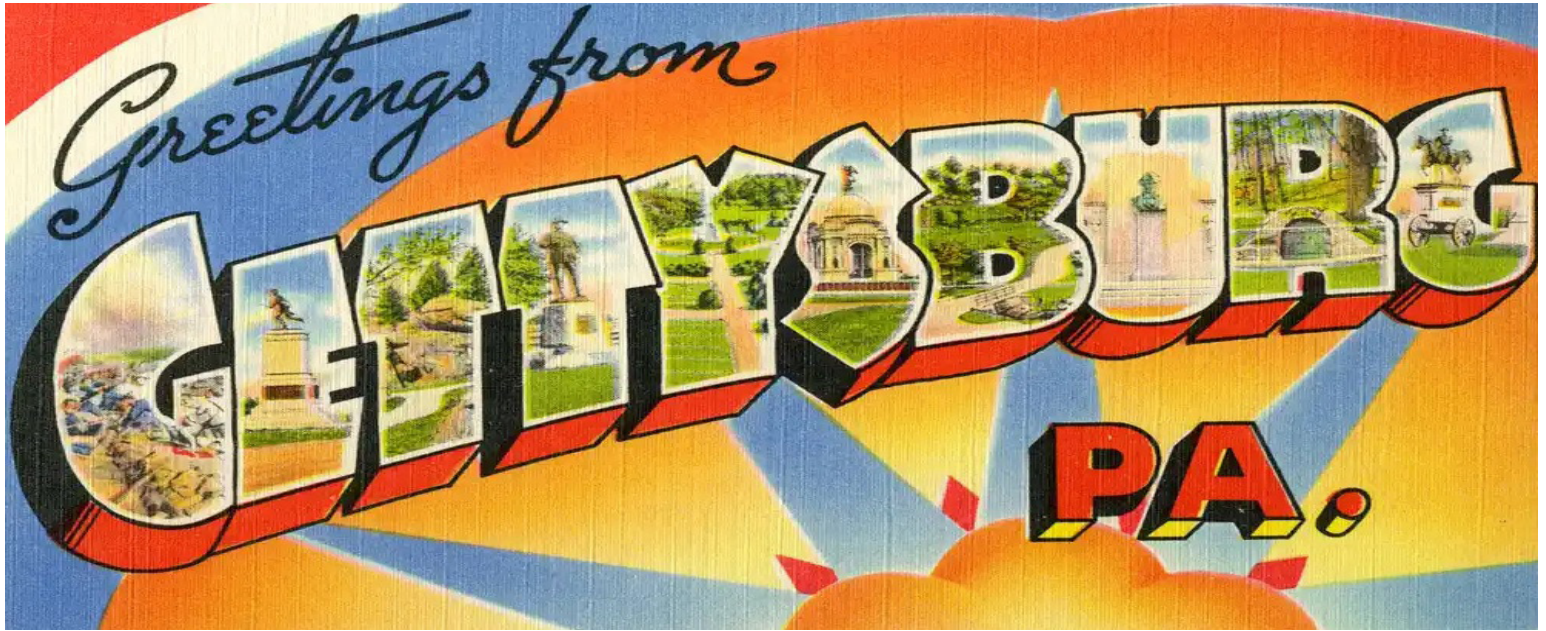
Alternately, you can send your order and payment to:
Margaret Wagner
14615 Skyview Ave.
Smithville, MO 64089
(816) 719-0801
commemorative@nia.org

Please make checks payable to "NIA".
If you have additional questions or live outside the continental United States, please contact me by phone or email prior to your order. Thanks!



EASTERN REGION VP

GUS STAFFORD ✨ NIA #8871



Spring is here and it is time to start planning for your Summer Vacation in Gettysburg, Pennsylvania. The 53rd Annual National Insulator Convention & Show runs from Friday, 29 July to Sunday, 31 July 2022 at the Wyndham Hotel in Gettysburg.



The Wyndham Gettysburg

95 Presidential Circle
Gettysburg, PA 17325



Rooms at the Wyndham Hotel are \$139 per night plus tax.

The code for our event is 072722NAT

We've had some issues with the on-line reservation system, as well as the contracted answering service for the Wyndham Corporation.

Please call Greta Bowring at 717-339-0020, extension 6011 to secure your reservations and resolve any issues.

Prior to the show, there are tours available for the Gettysburg Battlefield (Wednesday, 27 July), Hershey / Harrisburg (Thursday 28 July) and Gettysburg Ghost tours both nights. Our Host hotel has expanded the show room Rate for three days prior (24-26 July) and three days after (1-3 August) for those who want to have a longer stay. Here's a Matrix covering the entire period:



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
24	25	26	27 Gettysburg Tour Ghost Tour	28 Harrisburg Tour Ghost Tour Dealer Set-Up	29 NIA Day Show Day 1	30 Public Day Show Day 2 Banquet
Expanded Room Rate Days			National Insulator Association Room Rate			
31 Memorial Public Day Show Day 3	1	2	3	4	5	6
NIA Room Rate			Expanded Room Rate Days			

Details on the Gettysburg / Harrisburg / Ghost Tours can be found on the National Web Site: http://www.nia.org/shows/2022_national/



EASTERN REGION VP

(CONTINUED)



The Wyndham Gettysburg is conveniently located at the intersection of US 15 & US 30 in Gettysburg in close proximity to: Harrisburg (36 miles), Baltimore (54 miles), Washington DC (78 miles) and Philadelphia (118 miles). Designed with a heightened appreciation of its historic setting, Gateway Gettysburg is a wonderful shopping, dining & entertainment complex located on a pedestrian friendly 100 acre campus.

The Presidential Ballroom

8,900 Square Feet

126 Dealer Tables 18 Display Tables



We still have dealer and exhibit tables available! Tables are 6' long and 30" wide. The aisles and dealer space will be 6' wide. Dealers with Insulators, related go-withs, bottles, etc. are all invited. Dealer tables will be \$50 each. Optionally, electricity is available for \$25 per dealer, wired to your table. All tables come with a white table cloth covering, at no additional charge. Dealer and Show packets can be found at:

http://www.nia.org/shows/2022_national/

So, sign up today! Send completed Dealer and Show Contracts to Gus Stafford, 816 Flintlock Ridge Road, Mechanicsburg, PA 17055. If you have any questions, send me an e-mail at gus.stafford@gmail.com. We look forward to seeing you at the National this July!



THE CALIFORNIA ADVENTURE (PART 2)

BY DWAYNE ANTHONY ✱ NIA #3619

This is the second in a series of articles documenting the May 2019 excavation of the California Glass Insulator Company factory site in Long Beach, California, circa 1912-1914. The involvement with this excavation has subsequently generated a deep desire to delve into further historical research on CGI Co. This report is intended to provide an accounting of the dig at the factory site only. Extensive historical research is being compiled for a future book publication. Please note that all references to 'CGI Co' (California Glass Insulator Company) are used loosely to cover the factory's full production period, including their latter reorganization to California Glass Works.

DAY TWO OF THE DIG

Friday, May 10, 2019. Early to rise on the second day of this grand opportunity. It was a dreary, cool morning, with a chance of light showers predicted. Pretty much just an average day for a coastal town like Long Beach in the spring. Dave and I caravanned to his favorite coffee shop for a quick breakfast. We discussed the prospects before us and set up a game plan for the day. We wondered if the two large eggs that Todd allowed us a peek at in the trunk of his car might be embossed with the same "R.P.F." embossing as the three small eggs we recovered the day before? We hoped he had left them in the trunk, affording us the opportunity on this day to better examine and document them, including the other interesting glass artifacts in the box.

The arrival time at the site was 7:30 a.m. We entered the five-digit combination on the cylinder lock at the gate, slid the gate open, and drove both vehicles over to within ten feet of our collecting location. We grabbed our digging implements and went right at it. Dave decided to further investigate the various piles of cullet and insulators left by the excavator. I focused on an exposed shallow layer of yellow glass to the south end of the dig zone. The digging was difficult in these original layers. My initial method of choice was to chip away with a constant stabbing motion at the sediment and glass layer, using a long-handled, very narrow trench shovel. The floods that hit the factory during and after its years of operation and inactivity left a silty mud behind that hardened like plaster. The glass was encased within this hardened silt, requiring intense focus and precision when extricating.

Some of the first pieces of glass to appear in the layer were bases, tops, and curved side panels from crown-top soda bottles (Figure 9). It was noted that all of these broken soda bottle pieces were a light yellow and some had embossing from local bottling companies on them. All of the bottle tops exhibited signs of being machine-made. One of the bases had a large "C" on the bottom, possibly for "California"? All other bases were smooth. Within the next 30 minutes, the first whole



FIGURE 9: EXPOSED BASES OF YELLOW CROWN TOP SODA BOTTLES

yellow bottle was freed from the layer. It turned out to be unembossed, but it provided hope for the possibility of finding an embossed one. Even though this first whole bottle was completely packed inside with sediment, we could not help but notice how crude and wavy the glass was, which is very uncommon for a machine-blown bottle.

I had set a personal goal for the day to find a large yellow egg. Since I was removing mostly broken glass bottle shards at the present location, I decided to move a few feet over to the right to sample the layer there. Within a matter of minutes, a small R.P.F. yellow egg was recovered from this newly explored section of the layer. Then there was another! We were now up to five CD 1130 R.P.F. examples found in the two days, but as exciting as that was, there was an unrelenting desire to uncover at least one CD 1131 large egg. We knew they were there, but they were annoyingly eluding us.

By mid-morning, we received light showers, but nothing was going to impede our forward progress. Within thirty minutes the rain tapered off. As the darker skies started to lighten up, Todd arrived on the site. I asked him if he still had the box of glass in his trunk so I could further inspect the contents, to which he nodded in the affirmative. When I removed the first yellow-green large egg from the box and turned it to the forward position, there it was, that odd embossing once again, "R.P.F.", and exactly the same as the small eggs. The second large egg proved to be the same. It was exciting to confirm that we now had two undocumented embossing types on two different California CD styles!

As I explained the significance of this odd embossing to Todd, he calmly responded, "Would you like to have them?" It only took a millisecond to accept his offer!

THE CALIFORNIA ADVENTURE (PART 2)

(CONTINUED)

I headed back to hack at the yellow glass layer with an extra skip in my gait. Dave was finding more blue Cals in several styles while sifting through the excavator piles (Figure 10). Many were broken specimens, but a sizable number of whole examples were beginning to appear, especially California embossed CD 102s and 152s, plus a few 134s. Although broken, our first blue California CD 112 keg was found sifting through these same tailings.

Just as we were getting back into the digging groove, the foreman, Johnny, walked over to see if we needed any further assistance from the excavator. Since digging in the yellow zone was such a slow process, I accepted his offer and had him make a cut at the edge of the yellow layer to better expose it. I also requested a few random cuts at varying locations going north through the entire glass zone. This was a good opportunity to expose the area in grids, allowing further investigation into what was quickly appearing to be a pattern of glass segregation, by form and in some cases, by color.

One scoop from the central north end produced a wide assortment of soda bottles, mostly aqua in color (Figure 11), however several were observed in shades of green and amber. The final cut to the far north produced an abundance of broken window glass, including a few aqua and blue aqua carboy pieces. An occasional blue insulator was found in the bottle and window glass zone, but it was so infrequent that they purely seemed out of place.



FIGURE 10: BLUE GLASS CALIFORNIAS UNEARTHED BY THE EXCAVATOR

With these assessments of the cuts and layers, it was becoming quite evident that we had a separation of glass types. There was a zone of intentionally cut scraps of window glass to the far north. The adjacent central north area contained an assortment of bottles, mostly tooled crown-top soda types. Moving into the central southerly zone there were blue insulators, with occasional pockets of slag glass. The extreme south end consisted of yellow glass. All of these zones occurred in subdivisions from east to west.

When surveying the aftermath of the excavator work in the dig zone, I would occasionally notice pieces of decaying wood protruding from the piles of glass and cullet. A closer inspection identified each as consistently sized flat boards made of redwood. The CGI Co factory buildings and adjacent open land were once surrounded by hundreds of feet of wooden fencing. Examining photos of the fence on the factory's grounds, it appears it was constructed with picket-like boards, possibly 1" x 4" x 5'. These dimensions closely matched the wooden remnants unearthed on the site, presenting persuasive evidence that they might be the surviving relics from the sprawling fence line that once surrounded the factory grounds over one hundred years prior (Figure 12).

Dave and I eagerly returned to the yellow glass zone and began working off the edge of the new cut, first sifting through the debris piles that were left by the excavator's bucket. A few broken and whole yellow



FIGURE 11: A CUT BY THE EXCAVATOR EXPOSES A CULLET LAYER OF WINDOW

THE CALIFORNIA ADVENTURE (PART 2)

(CONTINUED)



FIGURE 12: REMAINS OF A FENCE BOARD



FIGURE 14: A CD 201 IN DEEP BLUE

CD 152s and 166s were found (Figure 13). This is when we also found our first piece of a yellow CD 114 CGI Co keg, adding yet another CD style to our found list. Once the surface sifting was completed, we shifted over to an adjacent and newly exposed yellow glass layer that exhibited exciting prospects. As we worked this cut it became clearly evident that we were in the heart of an isolated grouping of two specific insulator styles, that being CD 152 and 166 yellow Californias, many of which were fully intact.

Todd appeared for a brief visit and yelled over to see how we were doing, so Dave and I navigated through the cuts, valleys, and mounds to greet him at the westerly edge, near a freshly dumped three-foot pile of dirt and debris. Since I had my shovel in hand, I casually swiped at the pile of dirt as we were chatting. Within minutes, up popped a damaged CD 201 transposition specimen in a strong blue shade (Figure 14). This was one more CD to add to the list!



FIGURE 13: DAVE HALL HOLDING A YELLOW 166 SPECIMEN HE JUST FOUND IN THE TAILINGS

After our brief visit with Todd, I then took a stroll outside the perimeter of the dig zone. About eighty feet away I found some old partially blackened furnace bricks that had been uncovered by the equipment. Some had angular sides with one side slightly concave. It was apparent they were from a circular or semicircular furnace. Could they be from the CGI Co furnace? One would assume so, but there was also an ironworks located nearby that could have left their debris on the CGI Co property at a later time. Another interesting artifact found in the metal salvage pile was a section from a large sprocket chain, possibly from the sand conveyor, or the annealing oven conveyor system?

It was about midday, cloudy and the high peaked out at a mild 66 de-

THE CALIFORNIA ADVENTURE (PART 2)

(CONTINUED)

grees F, perfect weather for manual labor, so back to hacking at the yellow glass layer again. Rather than keep to a straightforward southerly digging pattern, as I had been doing, I decided to divert my attention to the east to see if there might be any change in the layer. Even more CD 152 and 166 yellow Californias surfaced. (Figures 15 & 17). Again, to provide the reader with a clearer visualization, this layer was only 6-12 inches below the original grade of the lot with a varied debris depth of only 12-18 inches. By referring back to Figure 11, look closely across the photo, just above mid-center. The untouched glass layer is to the left. The pocket to the right with the bottles below it is where we partially dug the layer out. Everything above is clean soil from prior tractor work; all below is virgin soil.

When locating a potential whole insulator in the hard silt layer, the acquired method was to stop hacking with the trench shovel and go to a two-foot peeler tool with a T-handle and spring steel padded end. This tool has been my right-hand assistant for many years of bottle digging and I like to refer to it as my digging 'spoon'. It is employed by directing precise jabs at the soil adjacent to the artifact, followed by an almost simultaneous twisting motion. Although it was slow going in the hardened silt, it worked like a charm.



FIGURE 15: THE DOME OF A YELLOW CD 152 BEING EXPOSED

As I skirted this layer to the east, jabbing away with my trench shovel, I uncovered the dome of what appeared to be a CD 152 hoopskirt. I worked my way down one side with the spoon and promptly noted that the expected outward hoopskirt form of a CD 152 was not appearing. Assuming it was just a broken specimen, I hacked at it a little more indiscriminately, then unexpectedly a narrower, much straighter skirt appeared. "Dave, I think we have a yellow toll here!" Sure enough, with more careful unearthing we had our first yellow California CD 121 toll and it was yellow! (Figure 16)



FIGURE 16: THE FIRST UNBROKEN YELLOW CD 121 TOLL

Not long after uncovering the toll, the dome of a yellow CD 178 was found... then another with a portion of the skirt remaining. The quantities of CD 152s and 166s were gradually diminishing. Following in the same direction and about two feet to the east, the solid dome of a yellow CD 208 appeared nestled with two more CD 178 domes. An even mix of California Santa Anas and California crosstops began to appear, but only domes and broken pieces of skirts. The group of yellow glass samples I had assembled in a pile behind me was growing larger. It was a remarkable sight when the sun occasionally peeked out from behind the clouds, the patches of yellow glistening through the silty, soiled surfaces of the glass. Dave suggested that we take a break to box them up and load them in the truck. It did feel good to emerge from a constant bent-over and kneeling position to stretch the legs and back a bit... but who is complaining, right?

With the boxes loaded in the truck, we took a moment to reflect on how this yellow layer was progressing along. We concurred that a fascinating pattern was definitely developing right before our eyes. In addition to the broad pattern of color and cullet separation over all the zones, we were now observing the segregation of CD styles within the yellow zone layer itself! We do know from research that when the insulators were removed from the annealing furnace, they were piled up high in an outside area adjacent to the factory buildings. As they

THE CALIFORNIA ADVENTURE (PART 2)

(CONTINUED)



FIGURE 17: A COMPLETE YELLOW CD 152 HOOPSKIRT JUST UNEARTHED

were sorted and packed into the shipping barrels, a culling would occur. Any damaged or mishappened insulators would be tossed aside and used as cullet in future glass batches.

It was now becoming increasingly apparent that the layer we were currently digging in was most likely the remains of multiple culling piles, quite possibly adjacent to the actual area where the mounds of finished insulators were stored and packed in barrels. Whatever the case, we were evidently at the very base of these piles in a layer that had survived the floods that periodically swept through the factory site, the harshest in 1916. When these floods tore through the factory grounds, one would expect some tremendous movement of the insulator and cullet piles that were stored outside on the factory grounds. Such movement could have been as minor as reduced scattering within the existing glass sector, or as severe as complete removal from the property. We finally settled on the assumption that this 12-18" base layer of yellow glass, and all other glass layers remaining on the property, had been heavily infiltrated by the mud and silt, conserving everything in place like glue. All the glass above this layer was either swept away in the floods or removed by eventual grading after the factory site was razed.

With only three more hours of full daylight remaining, more focus was given to this same yellow layer. Then it happened, no more than 10 minutes back into the dig, while removing a CD 178 dome, I uncovered the surface of an adjacent odd piece of glass. It appeared to be the top of an insulator with a wide saddle groove, something unfamiliar to both of us. With a little more clearing around it, we finally recognized the familiar shape—it was a large yellow CD 1131 egg! (Figure 18) With more than half of it exposed, it was gently pried from its hardened silt cocoon, leaving a reverse impression behind mirroring a large California egg insulator. A swipe of the glove across the mouth revealed that same mysterious R.P.F. embossing. Unlike the two yellow-green examples Todd had given us, this one was a deep golden yellow. After establishing it as one of the primary objectives for the day, it was extremely satisfying to finally pull one from the ground. It was, should I say... (yes, here it comes) ... it was "incredible"!



FIGURE 18: A YELLOW CD 1131 R.P.F. EGG FRESH FROM THE LAYER

THE CALIFORNIA ADVENTURE (PART 2)

(CONTINUED)

I should mention that the exposed yellow glass looks much deeper in color while still encased in the silt layer, appearing almost deep purplish-brown in color. In the early morning and evening, it deepens in color even more, almost mimicking burgundy glass. The actual color shade of each yellow insulator (or bottle) was not fully revealed until it was freed from the sediment layer and gently wiped off. Each of these unveilings was met with eager anticipation, holding the insulator to the sky and gazing at the varying shades of golden yellow to yellow-green.

Within the last two hours, we had uncovered one additional large yellow-green R.P.F. egg, as well as three more small yellow R.P.F. eggs. These were found mixed in with more Santa Ana and crosstop specimens. Then, as if a line were drawn once again in the layer, shards and domes of yellow CD 160 baby signals started appearing... and in abundance! As dusk approached, a portable light was utilized to finalize the removal of a complete yellow baby signal from the layer.

By 8:30 p.m. our backs began to feel the fatigue from the eleven-hour day, so it was time to box up the remaining piles of keepers and get them loaded up. For this second day, we found seven more additional CDs, for a new updated total of fifteen. We were closing in on our targeted goal of all twenty-four CDs attributed to California Glass Insulator Co and California Glass Works.

I once again enjoyed my complimentary night's stay at Dave's rental house situated in the Long Beach area. After a much-needed shower, Dave and I met up once again at the kitchen sink to clean and admire our day's haul of R.P.F. eggs, nine total, including the two gifted by Todd, however, the R.P.F. embossing remained a mystery. (Figure 19) Midnight arrived in a flash, so off to bed with much anticipation of another exciting day at our Long Beach wonderland. Would day three bring new discoveries and more CD styles? To build on the suspense and anticipation for our next installment of this continuing story, the answers are "yes" and "yes"!

Part Three of the California Adventure will be continued in the next issue of Drip Points!



FIGURE 19: LARGE & SMALL EGGS CLEANED FOR THE DAY 2 HEAD COUNT

2022 "BEAT THE WINTER BLAHS" SHOW CROWN POINT, IN · SATURDAY, JAN 29TH

BY ARLEN RIENSTRA ✨ NIA #3549

The 14th Annual Crown Point, Indiana Show began with the usual Friday afternoon set up in the 4-H building at the Lake County Fairgrounds. Thirty tables were made ready for the dealers and several for auction lots. All were set up by the prep crew consisting of Russ & Marge Frank, Arlen & Tina Rienstra, Rick Soller, and Josh Dondorf. While the guys arranged the tables and chairs the women prepped the food counter and supervised the table layout for the lunch crowd. When all were satisfied with the arrangement a short trip was in order to the Rienstra's for pizza and relaxation.

The weather was in the teens, but the forecast was for a sunny and dry morning for the show. At 7am Saturday the crew returned to the 4-H building for final preparations including unloading lunch items and sales stock as dealers began to arrive. As table locations and fees were being taken care of, name tags were issued. Available coffee and donuts warmed the chill off and the show officially opened to the public one hour later. Most of the dealers were accustomed to the routine as the show was observing its fourteenth consecutive year for many. By 10am the final details for the famous Rick Soller and crew auction were finalized and it began as planned. Lunch followed with a tried and true menu consisting of mostaccioli, sloppy joes, chili, chicken vegetable soup, chips, deserts and assorted beverages all courtesy of the Greater Chicago Insulator Club.

The photographs and captions show that it's the people and the interesting and desirable glass, porcelain, and go-with collectibles that make the show an annual favorite as the mid-west area's first show of the year. Several states were represented by collectors and dealers who are known to keep an eye on the weather as they travel to the show. The show has never been canceled for any reason and each year brings its own stories and experiences to mind when reflecting back. What a great hobby and it's the people who make it so!



Sunrise and early birds at the show building



Midwest's 10° cold SCA color reversal test. Rick Soller to publish surprising results soon



Dave Shaw with his Iowa grin



Another Iowan, Jim Hoffman is always laid back



Russ and Marge Frank's lighted table



Cole King and the princess



Auction bundles



Auction oddities



Josh's go-withs



Josh's bottle sales table



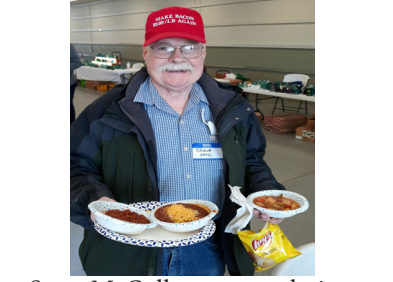
Mark Gilmore's Pennycuick pride



Kim's SCA haul



Mario and Jennifer Pisterzi planning their purchases



Steve McCollum menu choices. All were delicious



Bob Stahr and Tom Nugent missing the auction action



The lunch bunch and counter crew



The show's youngest collector: Jessi Davis feeds the princess



Bob Stahr and Roger Lucas



Suspension blues up for bids



The auction team: Russ Frank, Rick Soller and Mike McLaughlin taking bids from the audience



Kim Borgman relaxing after the drive and setup



Mike Davis and Josh Dondorf pose at one of Josh's four sales tables



Gene Hawkin's CD269 JUMBO



Kim's blue glue



Russ' glowing Mickey



Dave Ramp's big smile

**The CD128.8
Homer Brooke's
Patent
MAY 26, 1874
AUG. 25, 1874
By
Dario DiMare**



OK, folks, so the new CDs keep coming in. This is the second new CD in the last year that has a “wireless” connection. The first was the CD 128.6 which was patented by Thomas McGrory of Philadelphia, Pennsylvania on July 28, 1885. It has three fingers on the side. It was found near Philadelphia, Pennsylvania.

This insulator, the CD 128.8 BROOKE PATENT. It was found in the sand on a coast in the Northeast. To dispel misinformation, it was not found in or even near the Chesapeake Bay. It has three fingers on the top. These two new discoveries are the size of tolls, and not ponies. Therefore, the CD numbers are just beyond the CD 128.4 (big mouth) range which is a toll-sized insulator with an irregular or asymmetrical shape. Two or six points even?

This insulator was patented by Homer Brooke of New York, New York. It is quite similar to the Harloe CD 109.5. Morton Harloe and Wilton S. Bloes out of Peckville, Pennsylvania patented this piece, which was produced in a plant in Hawley, PA. Many people thought this one was simply a green CD 109.5. But it is not. It is very different and very cool! There are at least five major differences between the CD 109.5 and the CD 128.8:

1. The CD 128.8 Brooke insulator is much larger (4-1/4” tall by 2-3/4” wide) than a CD 109.5 (3-1/2” tall by 2-1/8” wide).
2. The CD 128.8 Brooke insulator has bigger claws than a CD 109.5.
3. The CD 128.8 Brooke insulator has a thicker skirt than a CD 109.5.
4. The CD 128.8 Brooke insulator has a wire ridge below the wire groove and claws. The CD 109.5 only had a wire groove below the claws.
5. The CD 128.8 Brooke insulator is DARK TEAL GREEN, and the CD 109.5 is only known to come in various shades of AQUA.

THE CD 128.8 HOMER BROOKES'S PATENT

(CONTINUED)

It seems as if the CD 109.5 patent shows the wire much more severely bent between the claws which was presumably intended to prevent slippage. At the same time, as we all now know, it also easily snaps off the claws in inclement weather. Try and find one of these in mint condition.



CD 109.5 HARLOE & CD 128.8
HOMER FRONT VIEW



CD 109.5 HARLOE & CD
128.8 HOMER TOP VIEW

the CD 109.5 was kind of a copy-cat-claw, but we won't let this cat out of the bag for fear of losing one of our nine lives. And we don't want to get sideways with the CD 128.6 Thomas McGrory, which was also patented more than 10 years after the CD 128.8.

You may also be surprised to find out that Brooke also had a patent for a plunger that can make both threaded and threadless insulators. He and Samuel Oakman must have been drinking the same Kool-Aid. Why would you pursue a patent on threads when Cauvet was granted the screw thread patent in 1865? At least Oakman did a few different split-pin type designs. And how did Harloe get his patent in March of 1899 when Brooke already patented it in August of 1874? Patents are now good for 20 years in the USA without paying renewal fees which may or may not be enforceable. So Harloe waited it out. Harloe the crook took one look at Brooke; took Brooke as a schnook; and overtook the Brooke stook, hook, and rook type look. That's easy for you to say.

If you do more research, the patent was portrayed as "screw thread improvement on glass insulators". This then gets into all of the lawyerly mumbo-jumbo which is way beyond my pay grade.

THE DISCOVERY

Written by Scott, the Discoverer

My daughter, Jess, and I started going out on "daddy-daughter adventures" when she was twelve. It mostly focused around collecting sea glass at different beaches and bays near us. Soon, we bought a tandem kayak and started expanding our area of exploration as well as what we collected. At that time, we started adding other things to our collection such as bottles, insulators, and any other historical items we could find on the shorelines. As Jess has gotten older (18), it

Written by Scott, the Discoverer
My daughter, Jess, and I started going out on "daddy-daughter adventures" when she was twelve. It mostly focused around collecting sea glass at different beaches and bays near us. Soon, we bought a tandem kayak and started expanding our area of exploration as well as what we collected. At that time, we started adding other things to our collection such as bottles, insulators, and any other historical items we could find on the shorelines. As Jess has gotten older (18), it has been more difficult for scheduling these adventures.

In early December of 2021, we found a day we were both available, so we packed up the kayak and headed out. We were exploring some shoreline we had only been to once before and were finding lots of interesting "treasures". We were excited about an aqua colored bottle stopper that Jess had just found when I saw the tip of the insulator sticking out of the sand. Reaching down, I picked it up and at first was not sure it was an insulator because of its unique shape and our limited experience and collection of insulators. I rinsed it off in the water and noticed the chip.

THE CD 128.8 HOMER BROOKES'S PATENT

(CONTINUED)

But holding it up to the sunlight, we saw the wonderful green color. By the end of the day, we found some hand-blown Chianti bottles and blob tops which were bubble wrapped for the trip home. Not knowing the rarity of the insulator, it was just placed in a bag with some other items. Once we arrived home, we slowly unpacked the items, and the insulator spent a few days in the laundry tub waiting to be cleaned. After cleaning, it sat on the window sill for two weeks before we finally got around to posting it on our Instagram account @DDA_seaglass. And that's when things got interesting!

Within four hours of posting, the account became strangely busy with many comments. At first it was the seaglass followers, but then more knowledgeable insulator collectors started leaving comments about how rare this one might be. Needless to say, when the first offer for over a thousand dollars came, I took it off the window sill and put it somewhere safer! Over the next couple of days, my daughter and I enjoyed reading the comments and offers and all the excitement over what we had found.

We decided to take things slowly and get in touch with some folks in the hobby that could help us determine our next steps. About the time we were trying to figure out what a CD number was, we were put in touch with Dario DiMare. He was extremely helpful in explaining what CD numbers are and the history of how they were started in the hobby. Dario and I have spoken a lot on the phone, and we appreciate all of the information and advice he has given to us. It's truly been a pleasure talking to and learning from him. It was nice to have a friendly and honest person to help guide us around the hobby with this insulator. His excitement for the hobby is infectious. (Not that I need another hobby, but....) It's been quite a journey. We have learned so much and have enjoyed talking with many of you in the hobby.

Scott and Jessica



Scott and Jessica on the left, and a couple of pics of the beach area where the CD 128.8 was found.

THE CD 128.8 HOMER BROOKES'S PATENT

(CONTINUED)

THE FACTS

This insulator has two patent dates associated with it and, amazingly, both are embossed on the insulator! May 26, 1874 and August 25, 1874, are both Homer Brooke patents. The insulator is 4-1/4" tall and 2-3/4" wide. The pinhole is about 1 inch in diameter. There are no inner skirts. The total embossing on the insulator reads: MAY 26, 1874 over PAT. AUG. 25, 1874; the "AUG" is missing due to a flake. I am making the assumption on this one which seems pretty reasonable. The color is a dark teal green. The glass is crude, mottled/pitted, and old-looking as opposed to a clean, crisp, smooth glass. The crudeness seems to be from the making, not from being dug. It is actually similar to some other insulators made in the same era. (See photos)

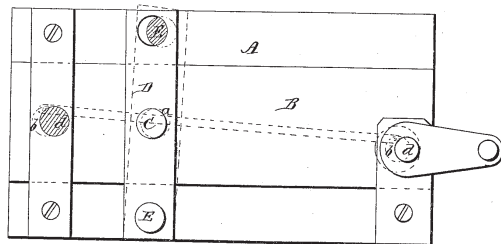
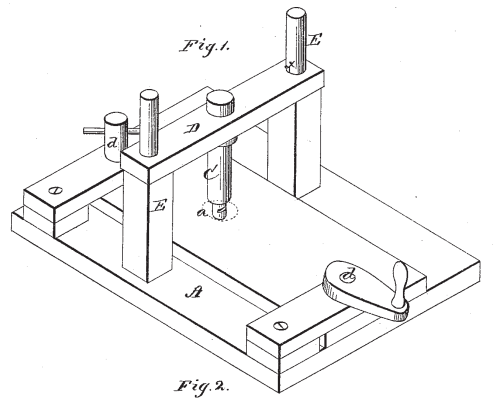


PATENT MAY 26, 1874

HOMER BROOKE secured this patent on May 26, 1874. It was patent number 151,352. The embossing is faint as is often the case with many of the older Brookfield insulators, but it is still legible. This is not a Brookfield. The embossing is located on the upper part of the skirt near the wire ridge. It is a smaller-sized font than the second patent date, which is located directly beneath this date.

The May 26th patent is for a manual press for making a pinhole in an insulator. It is actually stated as a: "Machine for Molding Plastic Materials". It later clarifies plastic as: "The nature of my invention consists in a device for molding plastic or semi-plastic materials, such as glass and other substances; and consists of a direct-actuating plunger". The machine is pretty simple. The plunger is inserted into the insulator mold which is filled with molten glass. The insulator mold is mounted on a bed which moves around the plunger, making the pinhole larger than the plunger, so the plunger can be easily removed without touching the sides of the pinhole. This then allows for "tooling" of the pinhole to add threads or, as Brooke says, "the cavity or hole is sufficiently enlarged to allow for the plunger being withdrawn without obliterating the impressions". The impressions are described as: "any suitable devices may be molded in the cavity, such as letters, figures, etc. In precisely the same manner a cavity or chamber with perfectly smooth and parallel sides may be made". His second patent shows the threads. So, this kind of purports that this insulator could come in threadless or threaded. This is later clarified in the August patent. (See illustration)

H. BROOKE.
Machines for Molding Plastic Materials.
No. 151,352. Patented May 26, 1874.



WITNESSES.
Henry N. Miller
C. L. Everett

INVENTOR
Homer Brooke
By *Alexander & Mason*
Attorneys.

ALL PHOTO-LITHOGRAPHIC CO. N.Y. GOSBAUGH PROCESS



Notice the 1874 date which shows up really well, and the flat sliver flake that takes out the "AUG" in the AUG 25th 1874 Pat Date

THE CD 128.8 HOMER BROOKES'S PATENT

(CONTINUED)

MAY 26, 1874 PRESS PATENT FOR IMPROVED THREADS AND THREADLESS PIN HOLES

UNITED STATES PATENT OFFICE.

HOMER BROOKE, OF NEW YORK, N. Y.

IMPROVEMENT IN MACHINES FOR MOLDING PLASTIC MATERIALS.

Specification forming part of Letters Patent No. 151,352, dated May 26, 1874; application filed May 15, 1874.

To all whom it may concern:

Be it known that I, HOMER BROOKE, of New York, in the county of New York and in the State of New York, have invented certain new and useful Improvements in Process of Molding Plastic or Semi-Plastic Materials; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in a device for molding plastic or semi-plastic materials, such as glass and other substances; and consists of a direct-acting plunger, which is capable of being thrown out of its line of motion, and a base or bed containing the die underneath the plunger, which is movable around the plunger, for the purpose of forming cavities larger than the plunger itself, all as more fully hereinafter set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe my process, as well as an apparatus by which said process may be carried out, reference being had to the accompanying drawing, in which—

Figure 1 is a perspective view; and, Fig. 2, a plan view, showing one form of an apparatus, by which my process may be carried out.

A represents the bed of the machine, upon which is a plate, B. In this plate, or upon the same, the die containing the plastic material is to be placed, at *a*, directly beneath a plunger, C, which is secured in a cross-head, D, moving upon vertical standards E E attached to the bed A. In each end of the plate B is placed an eccentric, *b*, secured upon a vertical shaft, *d*, which is to be revolved by a crank-lever or other suitable means. In one of the standards E, at the lowest point the cross-head D will reach, is a notch or slot, *x*, cut, so that the end of the cross-head can be thrown to one side after the plunger has entered the plastic material in the die beneath it.

The operation of this device is as follows: The die containing the plastic material being placed on or in the plate B at *a*, the cross-head D with the plunger C is moved downward by any mechanical means, letting the

direct-acting plunger, which is capable of being thrown out of the line of its motion, and a base or bed containing the die underneath said plunger, which is movable around the plunger, for the purpose of forming cavities larger than the plunger itself, substantially as herein set forth.

plunger enter the center of the die. One end of the cross-head D is then forced into the notch *x* on the standard, whereby the plunger is thrown to one side of the center in the die. If, now, both the shafts *d d* are revolved or turned one revolution, the plate B with the die will be moved on a circle around the stationary plunger, whereby the cavity or hole originally made by the plunger is enlarged. When the shafts *d d* have completed one or more revolutions they are stopped, and the cross-head D thrown out of the notch *x*, when the plunger may be withdrawn on a direct line from the die, leaving a cavity or hole molded in the plastic material larger than the plunger.

By this process any suitable devices may be molded in the cavity, such as letters, figures, &c. Corresponding indentations, grooves, or raised surfaces are to be made, in that case, on the plunger, and, when the plunger is inserted in the plastic material in the die the impressions are at once made in the plastic material, but the plunger could not be withdrawn without spoiling such impressions.

By my process, however, the cavity or hole is sufficiently enlarged to allow of the plunger being withdrawn without obliterating the impressions, but leaving them clear and distinct in the interior of the cavity. In precisely the same manner a cavity or chamber with perfectly smooth and parallel sides may be made.

By the arrangement of suitable mechanical devices the die may be moved so as to form an oval, square, rectangular, or other shaped cavity, just as well as a round; and, instead of moving the die and leaving the plunger stationary, the die may be left stationary and the plunger moved to accomplish the same result.

Hence I do not confine myself to the construction of any particular device for carrying out my process, except in so far that either the die or the plunger, or both, must be made movable, while the plunger remains in the plastic material in the die.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination, in a device for molding cavities or holes in plastic material, of a di-

In testimony that I claim the foregoing, I have hereunto set my hand this 14th day of May, 1874.

HOMER BROOKE.

Witnesses:

A. N. MARR,
C. L. EVERT.



PAT AUG 25, 1874 25, 1874
LETTERS BELOW INSULATOR SOMEWHAT ALLIGNED WITH THE INSULATOR EMBOSsing ABOVE

PATENT AUGUST 25, 1874

HOMER BROOKE secured this patent on August 25, 1874. It was patent number 154,451. This patent date embossing is a little more legible than the May date but is still not well-pronounced. The "AUG." is missing due to the one vertical flake on the insulator. Homer Brooke patented the hooks, claws, or fingers on August 25, 1874. It is embossed on the insulator skirt just below the May 26, 1874 embossing.

The patent boasted a quicker installation and no need for a tie wire. (See illustration) Homer Brooke stated that: "One objective of my invention is to construct an insulator that will cost but little, if any, more than those now commonly used, and one that will effectually hold the main wire without the time, trouble, and expense of tying the wire thereto (as is now done) by means of an additional piece of wire." This is very interesting since this is barely beyond the threadless era. And as mentioned above, this insulator is purported to come in both threadless and threaded versions. Brooke later on speaks about the pinhole stating, "In the drawings, "A" represents an insulator made of glass, of the usual form, with its interior hollowed out from the base to near the top thereof, as shown at "B" Fig. 1. This interior may or may not be provided with screw threads for the purpose of attaching the insulator wherever desired." WOW, how cool is that? This insulator could have a threadless counterpart???? Who knows?

(CONTINUED)

UNITED STATES PATENT OFFICE

HOMER BROOKE, OF NEW YORK, N.Y. IMPROVEMENT IN TELEGRAPH-INSULATORS.

SPECIFICATION forming part of Letters Patent No. 154,451, dated August 25, 1874; application filed April 20, 1874.

To all whom it may concern:

Be it known that I, HOMER BROOKE, of New York, in the county of New York and in the State of New York, have invented certain new and useful Improvements in Insulators and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon making a part of this specification.

My invention relates to an improvement upon the commonly-used glass telegraph-insulator. It consists of an insulator made of a single piece of glass, and provided upon its top with projecting lugs or ears, under which the telegraph-wire is held in grooves. These ears each have a small groove under them, and these grooves are not on a straight line with each other, so that, as the wire is passed into them, it is curved or crimped to prevent its slipping longitudinally through the same. In addition to the ears or lugs upon the top, my insulator is provided with the usual circumferential groove near the top, all of which will be hereinafter more particularly described.

One object of my invention is to construct an insulator that will cost but little, if any, more than those now commonly used, and one that will effectually hold the main wire without the time, trouble, and expense of tying the wire thereto (as is now done) by means of an additional piece of wire.

Another object of my invention is to so construct the insulator that the wire can be perfectly held at any angle without the use of such additional wire above described.

Figure 1 represents a side view, and Fig.2 a plan view, of my insulator.

In the drawings, A represents an insulator made of glass, of the usual form, with its interior hollowed out from the base to near the top thereof, as shown at B, Fig. 1. This interior may or may not be provided with screw-threads for the purpose of attaching the insulator wherever desired.

Near the top of the body A is formed a circumferential groove, b. Upon the top of this body A are formed three or more projecting lugs or ears, C C C, as shown in Fig. 2. These ears are not all formed on the same side, and the ends of those on the one side project beyond the ends of those on the other side. Under each ear is formed a small groove, a, into which the wire D lies, and, when passed therein under the ears, it will be bent in a curved or cramped manner, as seen in Fig. 2, and cannot easily slip or slide through the grooves hence, is not liable to sag between the poles.

In case of the falling of the pole, or the detaching of the insulator, should the wire become disengaged from under the ears, it can easily be replaced by raising it above the insulator, and dropping upon the top thereof and under the ears, without cutting the wire.

Oftentimes it is necessary to stretch the wire at an angle from one insulator to the other--for instance, from the telegraph-office to the pole outside. In this case the wire is first turned around the groove b, and then through the grooves under the ears, so as to perfectly hold the wire.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is--

1. As an article of manufacture, a telegraph-insulator made of a single piece of glass, provided upon its top with the projecting ears C C C, and grooves a, for holding the wire thereon in a curved or cramped manner, all substantially as and for the purposes herein set forth.
2. A telegraph-insulator made of a single piece of glass, and provided with projections C C C and circumferential groove b, substantially as and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 11th day of April, 1874.

HOMER BROOKE.

Witnesses:

EDWD. SLACK,

E. R. WHITNEY.

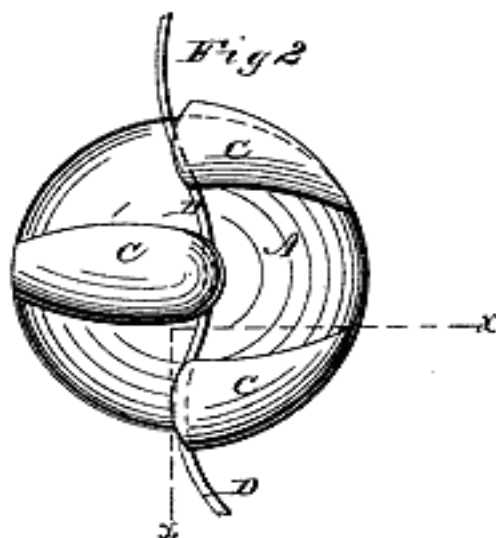
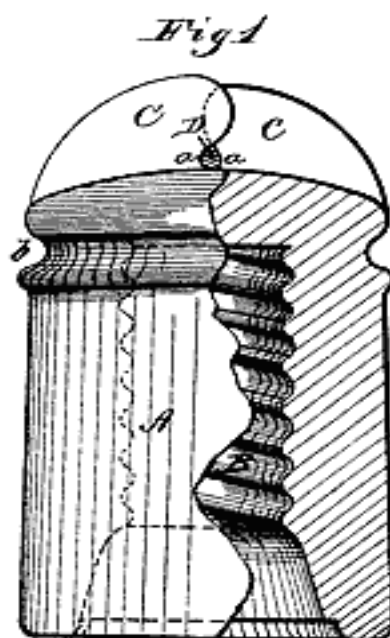
THE CD 128.8 HOMER BROOKES'S PATENT

(CONTINUED)

H. BROOKE.
Telegraph Insulators.

No. 154,451.

Patented Aug. 25, 1874.



WITNESSES.
Edmond L. Girard.
Chas. L. Ewert.

INVENTOR
Homer Brooke.
BY *Alexander Watson*
Attorneys.

THE CD 128.8 HOMER BROOKES'S PATENT

(CONTINUED)

THE BEAVER FALLS GLASSWORKS?

127.1 NO NAME W/1 IN A CIRCLE SIMILARITIES TO THE CD 128.8 BROOKE PATENT

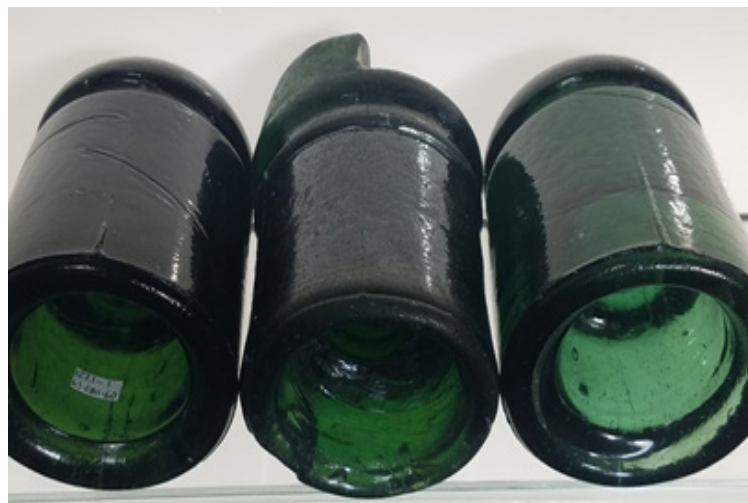
After a lot of time spent looking at the CD 128.8, I went through my collection and instantly saw some incredible similarities with the CD 127.1 which was made in Beaver Falls, PA. Here are our observations and assumptions. It is my opinion that this CD 128.8 insulator was made in Beaver Falls, PA. I will be saying “nearly identical” in my observations, since saying something is identical seems nearly impossible to me.

1. The Beaver FALLS Glassworks (BFG) was formed in 1869 and was making insulators from about 1870 to 1880. The 1874 Brooke patent FALLS right in the middle of this timeframe.
2. The fact that threadless and threaded were being made in this time frame sync up with the Brooke patents and the BFG factory.
3. The color of the CD 128.8 and BFG CD 127.1 are nearly identical. I have about 6 of the CD 127.1 BFG insulators. Some of them are darker and some are lighter, but the hue is very, very similar. It is nearly identical.
4. The crudeness and texture of the skirt molds of the CD 128.8 and BFG CD 127.1 are nearly identical.
5. The thickness of the skirts of the CD 128.8 and the BFG CD 127.1 are nearly identical.
6. The “softness” of the configuration of the wire grooves of the CD 128.8 and the BFG CD 127.1 are nearly identical.
7. How the skirt mold line and base mold line of the CD 128.8 and BFG CD 127.1 intersect are nearly identical.
8. I know this is pretty subjective, but even the heaviness or density of the two insulators seem very similar to me.

This is just my opinion, but I would be shocked to find out that the CD 128.8 was not made at The Beaver Falls Glassworks. (See photos



CD 127.1 W/1 in a circle BEAVER FALLS, COMPARED TO THE CD 128.8 BROOKE



CD 127.1 W/1 in a circle BEAVER FALLS, COMPARED TO THE CD 128.8 BROOKE PATENT



COOL TRIVIA

As I was doing research on the CD 128.8, I ran into an article in the August 16, 1873 edition of THE TELEGRAPHER. The article is titled “An Important Patent Decision.” It reads: “WE print this week from the Official Gazette of the Patent Office, an important decision of the Commissioner of Patents, reversing the action of the Board of Appeals in regard to the invention of the screw thread improvement on glass insulators.”

“If glass insulators are to be used for telegraphic purposes at all, the screw thread is an important improvement, and one which is valuable. It will be seen that Commissioner LEGGETT has awarded the priority of this invention to Mr. BROOKE, and against MESSRS. BROOKFIELD and HEMINGRAY, who claimed it. We presume that this finally settles the question which has been in dispute for a long time.”

“Mr. LEGGETT’S decision appears to be just and equitable, and although an appeal may be legally taken to the United States Courts, it is not likely that his decision would be reversed.”

WOW so now we have McGrory, Harloe, Brookfield, and Hemingray copying or trying to steal Homer Brooke’s patents. LOL, check your pockets, people.

Eventually things got worse. According to an article titled THE STRIKE - PITTSBURGH in the December 22, 1887 issue of the Crockery & Glass Journal there was a long strike going on in the glass houses in the Pittsburgh area over RULE 2 and the gatherers’ wages. A series of fires occurred. It was stated “The next plant in order was that of the Pittsburgh Glass Co., at Beaver Falls, Pa. The origin of the fire is unknown, and nothing was left standing but the stack and decorating kilns. The loss was \$40,000, covered by \$14,000 insurance. The company has disbanded, and the plant will not be rebuilt”.

THE CD 128.8 HOMER BROOKES'S PATENT

(CONTINUED)



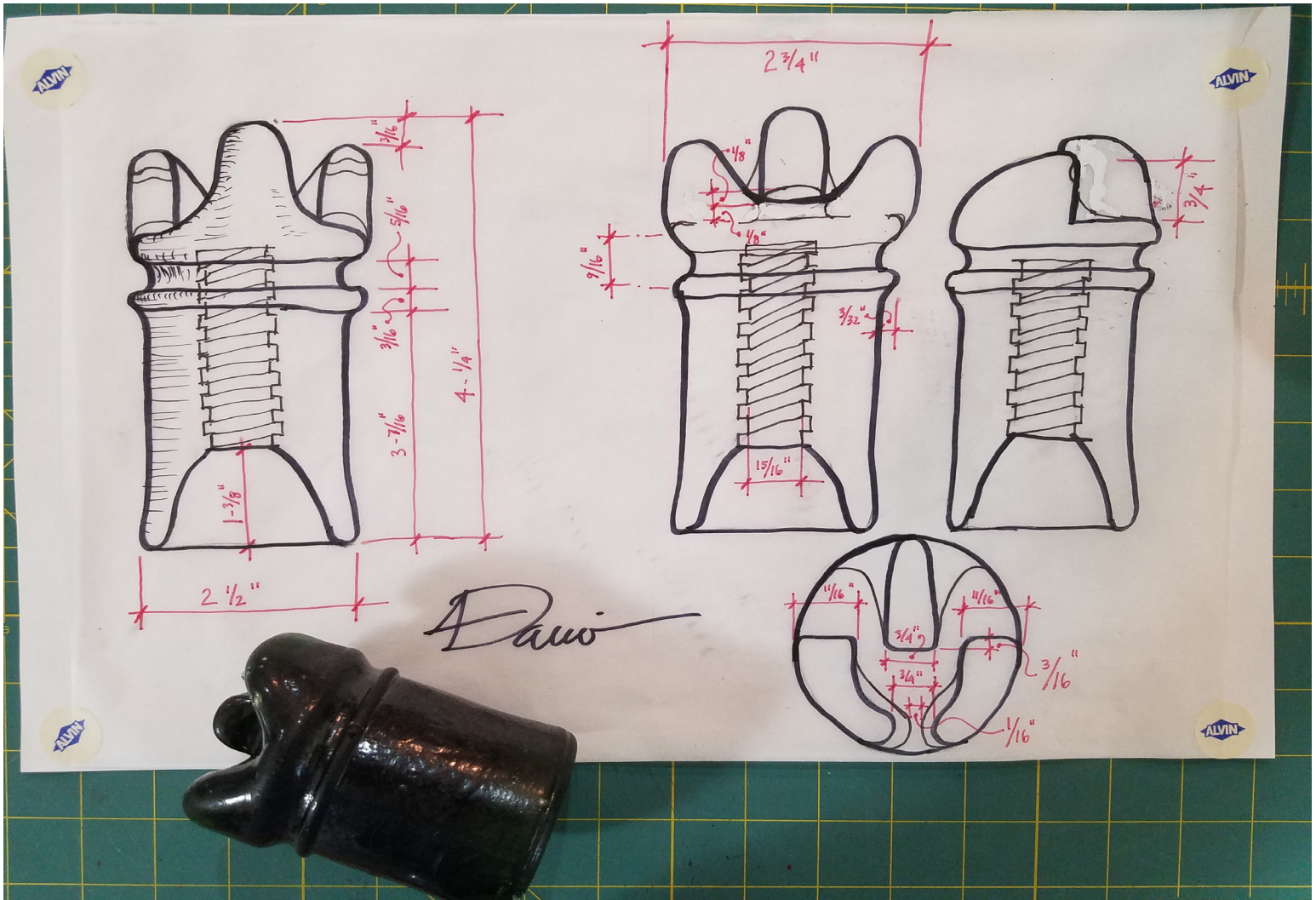
CD 128.8 TOP



CD 109.5 HARLOE, CD 128.8 BROOKE & CD 206.5 HARLOE



CD 128.8 BOTTOM



THE CD 128.8 HOMER BROOKES'S PATENT

(CONTINUED)

HOMER BROOKE GOT AROUND....

The following documents some of the times and locations of Homer Brooke. All of this information came from other very old sources. It is also interesting to see some of the claims stated. Maybe they are not all true. But they were published as if they were. Is it possible that the media back then was not as honest and accurate as it is now???? LOL!!!! These are all exact quotes from the noted sources.

March 22, 1877, Crockery & Glass Journal - Those of our friends who are engaged in glass making will be interested in the following, published in a Boston journal toward the close of the Centennial Exposition, relative to the display made by Homer Brooke, mold maker, **Centre Street, corner of White Street, New York.**

May 23, 1878, Crockery & Glass Journal - Homer Brooke, the mold maker, has hung out his banner at **No. 38 Vesey Street** where he can be found at all times during business hours. He has made a good exchange from his late quarters, having gained more elbow-room and a better location.

December 25, 1881, The New York Times - WANTED – A GENTLEMAN OF BUSINESS INFLUENCE... Unlimited demand for such goods at 50 to 75 per cent profit. Twenty thousand dollars required for manufacturing, &c. Address, for further information, Homer Brooke, **Greenville, NJ.**

January 15, 1885, Crockery and glass Journal - NEW YORK, H. Brooke, glass mold maker, has removed to **108 Liberty Street**, having taken a long lease of the premises.

April 22, 1891, China, Glass & Lamps - Homer Brooke, the New York mold maker, has purchased the glass works of Seidlmyer Bros., **Long Island City, N.Y.**, and will operate there on glass insulators.

September 30, 1896, China, Glass, & Lamps – HOMER BROOKE, The expert glass mold maker. Located at **44 Barclay Street, New York**, who has been continuously in business since 1863, and is not only finely equipped by all around experience but is mechanically equipped with the most approved machinery in all departments, calls the attention of glass manufacturers of New York and the Eastern States especially to his advantages in location, appliances, experience, and assures them prompt and satisfactory service on all orders entrusted to him. **Mr. Brooke was the originator of the glass screw insulator for the telegraph**, and made not only the first mold, but the presses for this and numerous other inventions, and has perfected the ideas of many of his patrons. Models and designs in flint and GREEN GLASSWARE, bottles and lamps given special attention.

January 19, 1895, FLINT GLASS NEWS – Homer Brooke Biography, ...Mr. Brooke has made many successful inventions in glass molding and working and received the only award that was given for molds and presses at the Philadelphia Centennial Exhibition in 1876. The award was a gold medal. **All screw glass insulators now in general use throughout the United States and Mexico, South America and other countries**, also the manufacturer of illuminators, improvement for preventing “hell-trapping” or roughness on bottom edge of flat bottles and more uniformly distributing the glass, patent bottom for foot bench molds, patent bottom for glory-hole molds, Lightning, Mason, Hero, and Gem fruit jars, etc; **are made under his inventions and patents.**

CONCLUSION

All I can say is that new things continue to be discovered all the time and I absolutely love all of these great finds. Here these two patents sat for nearly 150 years with cool, accurate illustrations of a claw-type insulator. We for the most part ignore them because we never saw one. We wrongly assume it is a Harloe-type insulator so no big deal, when in fact the Harloe is a Brooke-type insulator since Brooke did the claws nearly 30 years before Harloe. I absolutely love learning new stuff and get all pumped up every time somebody finds a new piece. The CD 128.6 McGrory was another perfect example. How cool was that?

So, keep digging, hunting, shopping, and looking for insulators. The hunt is really sometimes more exciting than the find. OK in this case the find was flat out awesome! These guys were just so happy about everything, and it really added to the dad and daughter bond. They have a story for a lifetime. And the insulator has a new home. How cool is that?

And finally, one of the other killer benefits of new finds is that you may also end up with new friends. And that is the case in this discovery. Scott and I have yapped a ton and will actually be getting together to meet in person with no other reason than to strengthen our friendship and have some fun yapping. How cool will that be?

Enjoy the hobby and thanks for reading this.

Dario DiMare, NIA #5302

GOOD FOR THE HOBBY

(Letter from Diana, the finder's wife)

Hi Dario,

This is Diana (Scott's wife). I just got off the phone with him. He is away on a camping trip and his cell service is spotty at best. He called me from some kind of internet phone and wanted me to get in touch with you. He said he has received your texts and phone messages, but he cannot make calls or texts out for some reason. He said he will try to call you when he gets to an area with service tomorrow. Just wanted you to know we have not received the check yet. And please don't worry about it at all. I tracked it with the tracking number from your receipt and it looks like it will arrive by Feb 14 by 9pm just in time for Valentine's Day! I am using this tracking link. I personally want to thank you for all of the time and energy you put into this entire process. This was so kind of you to go to all of this trouble for complete strangers. We greatly appreciate it! I have no words. I just wish there was something we could do for you to repay your kindness.

I will let you know as soon as the check arrives. Scott said to sleep easy

Thanks again. I am hoping and praying that one day you are surprised with the same kind of honesty, help, and kindness that you showed to us.

God bless you, Diana

DID YOU KNOW?

BY DON BRIEL * NIA #7218



Insulator collectors have an interesting vocabulary specific to insulator collecting. Do you know the language? Herein is a little help.

Let's start with a description of an insulator's parts using the diagrams at the right. The first diagram is a side wire tie insulator. While there may be some mild controversy about how the parts are named, what is described here is widely accepted in the hobby. Starting at the top and working down the outside, the very top is the Dome. While there isn't a good dividing line from the dome to the crown, the crown is basically the vertical area from the dome to the upper wire groove. The wire groove is where the conductor is fastened to the insulator. There may be multiple wire grooves and each may or may not have a raised ridge above and/or below. From the lowest wire groove to the bottom is the skirt. The bottom most part of the insulator is the base. Inside the insulator is the pin hole, the place where a mounting pin screws in or friction fits in the case of a threadless insulator. Between the pin hole and the inside of the skirt there may or may not be one or more petticoats (or inner skirts).

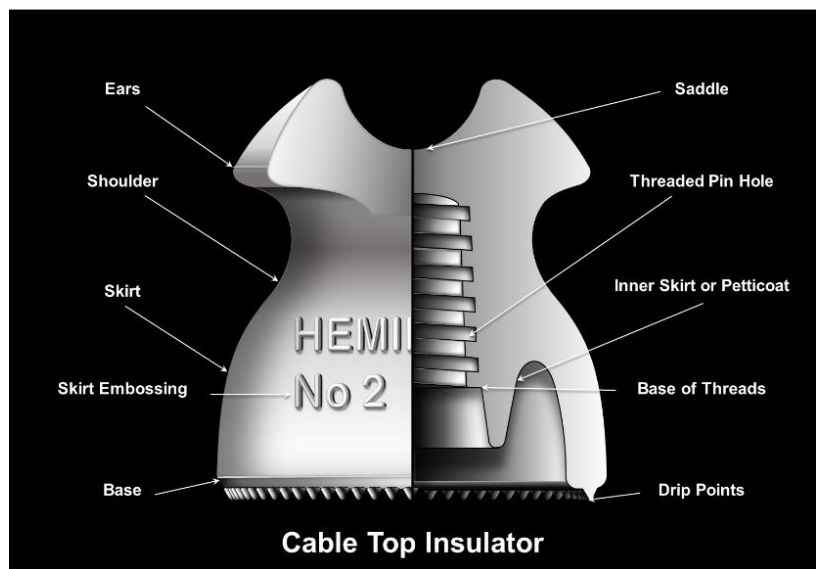
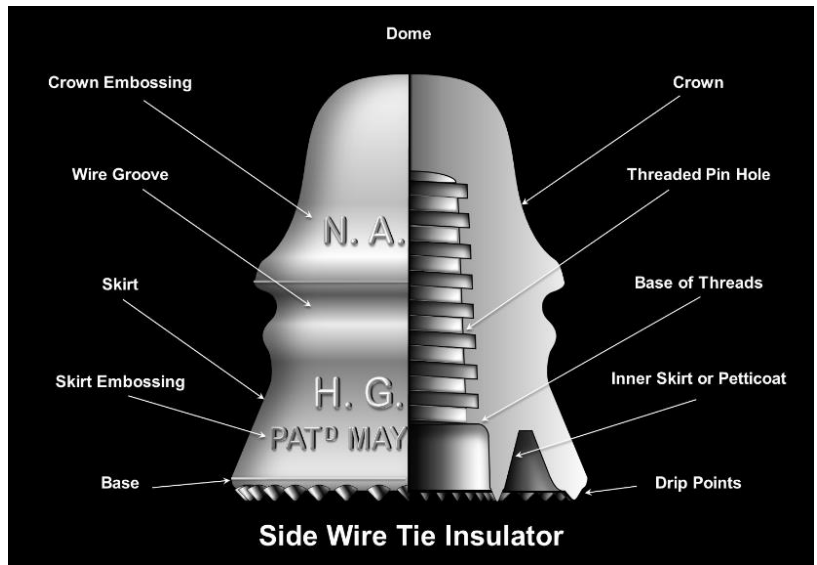
Another type of insulator is a cable top insulator. Many of the parts are the same as on the side tie wire, but the differences are obvious. Instead of a dome, the cable top has a saddle or saddle groove. The saddle is where the conductor sits and is fastened in place with tie wires being looped under the ears. The outward curved portion below the ears is the shoulder. Again, while the breakpoint is not well defined, the vertical portion from the shoulder to the base is the skirt. The inner portion of a cable top insulator is the same as the side wire tie insulator.



communicating with other collectors.

What's called the 'base' of an insulator is purely a collector designation. It is what an insulator typically rests on when being displayed. When an insulator is in service it is mounted on a pin with the 'base' in the air facing downward. There are ten base types as designated by collectors; Sharp Drip Points (SDP), Round Drip Points (RDP), Flat Drip Points (FDP), Wedge Drip Points

There are also insulators that have side wire tie portions combined with a cable top. The labeling of the various parts should be fairly obvious. There are also many specialty type insulators (spools, glass blocks, eggs, etc.) that simply don't fit into the nice categories that collectors have defined. With just a bit of imagination, most of the labels can be made to fit for



(WDP), Grooved Base (GB), Smooth Base (SB), Rounded Base (RB), Corrugated Base (CB), Circumferential Ring (CR), and Base Embossed (BE).

Note: The purpose of any kind of protrusion on the base of an insulator (i.e. SDP, RDP, WDP, etc.) is for the purpose of helping water drain off faster. The faster water leaves an insulator, the better the insulating properties in wet weather.

While most of the base types should be fairly obvious, we'll come back to clarify a couple after defining two more terms.

Two commonly used terms are Mold Line Over Dome (MLOD) and Mold Line Over Base (MLOB). A mold line on an insulator is slightly raised glass where the mold parts came together. As the sharp edges of the molds erode glass will fill the space creating a raised line in the glass. Some collectors like to know how many pieces made up the mold. MLOD usually designates a two-piece

DID YOU KNOW?

(CONTINUED)

mold. The presence of MLOB suggests the plunger that forms the pin hole met the skirt on the inside versus meeting the skirt on the outside for those without MLOB. Other mold lines tell similar stories about how mold parts were fitted together.

Note: As the sharp edges of a mold erode through use it causes a mold line to become more noticeable, that mold line can eventually get rather dramatic. It is often the cause of factory chipping at a mold line as the excess glass is intentionally chipped off. The photo at the right shows some extended glass around one mold line.



Now, back to the base types. The CR base type is a semi-circular projection that goes all of the way around the base. It forms a ledge on the outside and the inside of the base. Sometimes excess glass in the mold when an insulator is being cast produces a similar projection, but it usually lacks the ledge on one side or the other.



CR – Circumferential Ring

characterized by a MLOB and no circumferential mold line near the bottom of the outer skirt. While some SB insulators have MLOB, they also have a circumferential mold line near the bottom of the skirt.

The RB base type is



RB – Rounded Base

The GB is an indent that goes all of the way around the base. It is just the inverse of the CR.



GB – Grooved Base

Lastly, the BE is a SB with embossing on the base. The embossing may be anywhere from a few characters to embossed all the way around the base.

As previously mentioned, there are two basic pinhole configurations of pintype insulators, threaded and threadless. Threadless insulators will have a smooth pinhole that was used to friction fit an insulator on a smooth wood pin. These were the earliest pintype insulators. In 1865, a patent was issued for a threaded pinhole. Threaded pinholes were almost exclusively used from that point on. There are

a few styles of threads that have been used for insulators and in some cases have specific Embossing Index Numbers to differentiate them. The drawing shown below illustrates some of the thread types. Each

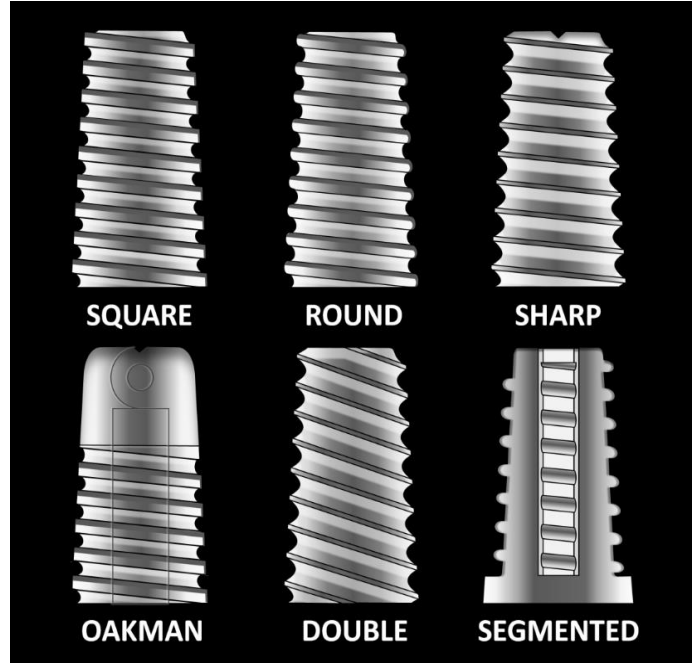


diagram is shown as if it were looking at an insulator that has been cut in half, thus the spiral is the reverse of what the pin would look like. Of particular interest is the sharp thread type with the small dimple at the top. This type is often referred to as Pennycuik (pronounced penny quick) threads, a patented process for forming sharp threads. Another unique thread type is the Double Thread that has two inter-twined spirals allowing 1/2 the number of rotations to screw it on or off of a pin. The Oakman threads have lines in the glass (as shown in the drawing) left by a collapsible plunger. American threads (as in American Insulator Co.) are basically the same as the Oakman threads, but without the plunger lines. Both have shallow to non-existent threads at the top of the pinhole. Segmented threads are characterized by having vertical gaps (usually 3 or 4) through the threads.

While there are many more terms, names, and acronyms used when discussing insulators, this ends the basic definition of terms used to describe them. You should now be able to communicate with other collectors using these terms accurately.

The illustrations in this article were the work of Gus Stafford who graciously created them for *North American Glass Insulators – Identification, Reference & Price Guide*.

Enjoy Conversing Using Your New Vocabulary!



GCSIC YUMA SHOW

SHOW REPORT BY DARYL STAHLER * NIA #8843

The Grand Canyon State Insulator Club's (GCSIC) 23rd annual tailgater was a huge success!! Despite Covid and local/state restriction in many areas, we have grown this event every year, for the last 3 years. When this pandemic is behind us, watch out! This will become the biggest west coast event, hands down!

Friday night more than 30 collectors met at Lutes Casino in Old Town Yuma. It really is an eclectic restaurant & bar with some over the top antique collectible decorations, including a lineman on a pole with insulators! We had collectors from Arizona, California, New Mexico, Colorado, Michigan, Washington State, Texas, Utah and probably a few more states I'm missing.

The official start time for the tailgater is 9 am, but.....the early bird prize goes to Jim Harlow for arriving at 4:30 am, and the early bird did catch the worm with some amazing finds. It was difficult to get an exact count, but we had 34 dealers, with 67 tables! We had many new collectors show up, including a few younger linemen from Arizona & California. We have been opening up the event to bottles and small collectibles, which has brought some interesting items, and so far, has not disappointed in the diversity of items available to purchase.

This year we secured a local food truck, that specialized in Mexican Cuisine, Done Tere's Cocina. They rocked it early morning with breakfast burritos, and a great choice for lunch. This was the first year GCSIC didn't provide lunch and it was well received. Junior from Done Tere's Cocina said they will be back next year!!

We have been heavily advertising in various social media venue, and had many locals stop by. I had the privilege to chat with a few, and told them this was our 23rd year, and most said they will come back. I was also told sales overall was good. Although it seems like a long time away, the 24th annual will be here before you know it! If you have ever thought about attending, consider 2023 - the dates will be announced mid-year. From Diane Stahl, Jim Harlow, and myself, we want to thank all of the dealers, and collectors that make this event possible!!

Photos courtesy of Jim Harlow, Daryl Stahl, Dan Gauron, and Nathan Holmes



DINNER AT LUTES ON FRIDAY EVENING



EARLY BIRDS IN ACTION, LONG BEFORE SUNRISE



A BEAUTIFUL SATURDAY FOR A SWAP MEET

GCSIC YUMA SHOW



(CONTINUED)



DWAYNE ANTHONY'S TABLES FULL OF GLASS WERE ALWAYS BUSY



LOTS OF GOOD PIECES AND SHARING STORIES TO GO WITH THEM



DARYL STAHLER & ROB BAUMANN



JIM HARLOW WITH HIS SIGNS AND LIGHTNING RODS



MIKE GAUDY TALKS TO A NEWER COLLECTOR ABOUT A PIECE



LOTS OF SIGNS, RAILROADIANA, AND MINING RELICS SHOWED UP ON TABLES AS WELL AS INSULATORS



MIKE AND LOU TRY OUT THEIR NEW CAR ORNAMENT

(CONTINUED)



ONE OF THE SHOW HIGHLIGHTS WAS JOEY GAREGNANI'S NEW CALIFORNIA CD 260 HELMET FIND. READ MORE ABOUT IT ON PAGE 36.



AS THE SUN RISES, BILL OSTRANDER PRICES A FEW NEW PIECES



TOM & LINDA KATONAK WITH THEIR TABLES OF COLORFUL GLASS AND OTHER COLLECTIBLES



CBIC 32ND ANNUAL INSULATOR SHOW & SALE

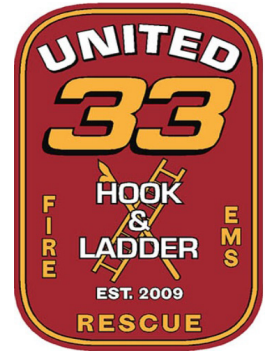


BY ARLEN RIENSTRA * NIA #3549

Chesapeake Bay Insulator Club 32nd Annual Insulator Show & Sale Show Report

Let me start by saying how wonderful it was to see everyone's smiling faces after not being able to hold the show last year! Things got rolling on Friday night, when we had a group of early arrivals assist in setting up the Show Hall. The Chesapeake Bay Insulator Club gives a big shout out to the United Hook and Ladder Company #33 who hosts our show every year. Great facilities and maximum flexibility!

We had 17 dealers representing 6 States and over 21 tables of insulators! The two eight foot tables for free insulators filled up and emptied out across the show hours. In the end, there was only a chipped CD121 A.T. & T., a damaged CD102 Star, and a very rare H.K. Porter (Hey, they are in the Smithsonian! https://americanhistory.si.edu/collections/search/object/nmah_702870)



Dealers brought a wide variety of insulators to the hall, with good representations of Glass, Porcelain, Power, LRIs, etc.

We had steady traffic all morning, with things tapering off after lunch. Everyone reported good to great sales (thanks to several new collectors and some folks looking to



restock the resale market). Here's the crowd, and my personal favorite was a special CD 151 H.G.CO PETTICOAT brought in by John Rajpolt: and Now, that's not something you see every day! We closed the show a little early and took Chesapeake Bay Insulator Club members over to the Wyndham Hotel for a walkthrough for this year's National. We'll be back again for number 33 next year. Come join us on the first Saturday in March!

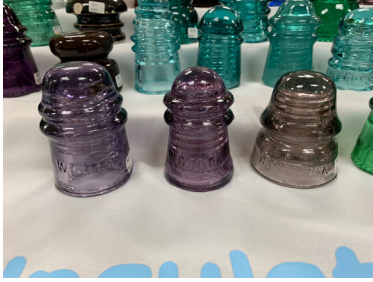


Thanks to Michael Grutt for the Following Photo's



CBIC 32ND ANNUAL INSULATOR SHOW & SALE

(CONTINUED)



A NEW FOREIGN FIND IN POLAND

BY DOMINIK & PATRYCJA

The story begins in 2018, when I found very interesting-looking insulators in a certain area. Unfortunately, it was a closed area, the insulators were high on a building, and permissions seemed impossible to obtain. I set my thoughts about it aside until sometime later. In December 2021, before Christmas, I was browsing Facebook photos and I saw a picture of the building with these insulators on it and panicked. The facility was under renovation, the roof was dismantled. From another source, I downloaded old photos of the area and compared them with the photos from Facebook, hoping that the insulators still hung where I'd originally seen them. Picture quality was not the greatest but, something was visible, so my wife Patrycja and I decided to go check it out in January. We pulled up and found the insulators still there! The first challenge was to obtain permission from the construction foreman. Additionally, doubting my chances for a positive outcome, I'd chosen not to bring a long ladder.

Patrycja was able to secure permission from the job foreman. However, when we tried using the ladder that we'd brought, we found, as I suspected, that it was at least 2 meters shorter than we'd need to get to the insulators. We tried stacking bricks and wooden beams under the ladder, but the distance at the top of the ladder was still too great. The insulators were hanging in the harbor area, the afternoon wind was very strong, and the ladder almost fell. I was actually thinking about making a hurried 400-kilometer round trip home to pick up the long ladder. But once again, Patrycja saved us by suggesting that we call a construction equipment rental company and inquire about a ladder. We found a rental service and they did have a ladder, but they closed at 4pm. It was already well after 2:00 so, we'd have to hurry to get the ladder back to them before they closed. We jumped in the car, hurried through heavy traffic to the rental shop, got the ladder back to the site, grabbed the insulators with very little difficulty and got the ladder back to the rental place before they closed.

The insulators turned out to be a previously unknown type of traction design from the end of the 19th century - two types to be precise. Beautiful, German insulators based on the insulator N form.



Dominik & Patrycja





THE SCOTIA HELMETS

BY JOSEPH GAREGNANI ✨ NIA #10481

The history behind the Scotia California Roman helmets starts with a saw mill. Started back in 1863, the Pacific Lumber Company was one of the biggest saw mills in California, and was in operation for over 145 years. (Figure 1) The Pacific Lumber Company - PALCO for short - produced not just lumber, but also created the company town of Scotia and at its peak, jobs for 350 people. There were two PALCO mills: Mill A and Mill B. Mill A was completed in 1887, and was operated by 150 employees. Mill B began its own operations in 1911 and was known as the world's largest redwood sawmill. Further expansion followed in 1916 with the installation of dry kilns and the addition of more storage yards. The Scotia PALCO mill was considered one of the best mills of its kind until the company ceased operations in 2008. The mills were filled with heavy machinery to transport and process the timber, and almost all of that machinery depended upon having a substantial supply of electricity in order to operate. PALCO used open wire circuits through the rafters of the buildings to feed power to the mill machinery.

A diverse array of insulators have been found within the mill supporting those wires, including McLaughlin CD 106s, California 161s, Hemingray and McLaughlin 162 signals, N.E.G.M. 251s, McLaughlin 252s, Locke 296s, CD 257 Mickey's, CD 259 Cable helmets, as well as porcelain insulators of all different styles and types. But one insulator that PALCO purchased from the California Glass Insulator Company and used in the mill would top them all: the beloved and highly sought-after CD 260 California Roman Helmets.

Fellow collector and employee of the Pacific Lumber Company Mike Walsh remembers the insulators very well:

"I worked for the Pacific Lumber Company in the mid 1990's. At Mill A and the factory there was a lot of open wire circuits. A lot of helmets and Mickey's on their own crossarms. A lot of open wire circuits running throughout the mill supplying power to the head rigs, debarker and the overhead monorail. It was hard to see what color they were as the lighting in there was not the best. A lot of insulators were way up in the rafters and then wires running down the walls to the machines."

During our conversations, Mike also described the insulators all being on three and four pin cross arms. Mike also explained that the electricians and the millwrights would try and wash the glass at least once a year during shutdowns.

Flash forward to 2021. An individual posted on the Facebook "Insulator Collectors" group looking for more information on a large lot of 60+ insulators. He was a non-collector, and had acquired the pieces from someone who had salvaged them from the old Scotia mill. As expected, the group was very excited about his find, since the mill was a known source of the elusive California helmets.

I reached out to him to get more information. He had a number of video calls with the person who had originally salvaged them, and during some of those calls, the person was walking through the still-standing walls of the old mill. In the group of insulators, there



FIGURE 1: THE PACIFIC LUMBER COMPANY MILL CIRCA 1900

were three yellow California CD 260 Roman Helmets that were used inside the building, where they were not exposed to direct sunlight. He sold one on eBay for a buy-it-now price of \$500 before he found the true value and rarity of these pieces. After finding out the value, he decided to list another helmet for an auction on eBay, which went to an individual that was, as he described it, a very serious collector. I purchased his last remaining helmet.

My find of eight complete California helmets and 4 specimens starts with just asking a question: Are these still available? I had been looking online, as I always do, trying to find insulators. I came across an ad about two insulators, so I contacted the seller. The seller responded that he had just sold the two pieces that were advertised, but he had more. I asked if there were any California embossed pieces, and the next day I received a text message from the seller with a picture of two California 161s in what appeared to be a sage green. The 161s were on their original pins, but had some damage. I proceeded to tell him that I already had very similar ones, and thanked him for his time.

He messaged me back and asked if I was a collector. I told him that yes, I'm a collector and that in particular, I only collect California embossed insulators. I also sent him a few pictures of my collection. I didn't hear back from him until I received a text message a few weeks later. "You just might be expanding your collection now (if I were to speak for you). I found these today in the building I'm taking down. I didn't remember seeing some of this style that were marked 'California.'" Along with that message were two pictures - one of four California Roman helmets in a line sitting on a piece of wood gleaming in the sunlight (Figure 2), and a second picture of a single helmet looking just as beautiful.



FIGURE 2: THE FIRST FOUR HELMETS



(CONTINUED)

Of course my excitement went through the roof. My mind was wandering. "Where did he find these?" I thought to myself. I ended up calling back rather than texting. He told me that he was working at the Pacific Lumber Company in Scotia as a part of a salvage crew that had taken down the buildings. He said that he had found all of these helmets around the area of the property. He was picking them up off of the ground. I was in dumbfounded disbelief! So many thoughts were stirring in my mind. I managed to pull myself together and we had agreed to a deal for the helmets. There was only one issue - I was unable to drive out to the site myself, as I was busy with work and taking care of my family. At the same time, I messaged my good friend and fellow collector Ken Wernau. I told Ken about the find that had just fallen into my lap. I explained to Ken that I was unable to drive up to get these pieces, and if he could go get them, I would split the find with him. Ken agreed to make the ten hour journey from his home in Oxnard, CA, up to Scotia to retrieve the helmets, but it was only Monday and he couldn't leave until Friday.

The week seemed to drag on, but on Wednesday I got a text message from the seller. When we had previously talked on the phone, he told me he would take a few more pictures of the helmets, and he would send the pictures when he could. The text message he sent had a picture of the helmets placed nicely on a table with a red towel underneath them. When I was examining the picture with pure excitement, I noticed something. There were no longer five helmets, but there were now eight! (Figure 3) The seller told me that he had stumbled upon 3 more and now he said was reluctant to sell them all. Trying to contain my excitement about the situation, I gathered myself and let him know that I was fine with the original deal we had in place. I let him know that if he wanted to keep the others that he had found, that was fine with me. He messaged me back and said he was willing to sell seven of them for a larger amount than the previous agreement. I agreed to the terms and was jumping for joy! I felt like I was going to jump out of my boots - that's how excited I was! While I was shaking with excitement, I contacted Ken to tell him about what had just happened. Of course he was elated, and it made him all the more excited to make the long journey up to Scotia.



FIGURE 3: NOW THERE'S EIGHT

Finally, after what seemed to be the longest week of my life, Friday came along. Ken started off for Scotia early in the morning. I contacted Ken in the morning to tell him to have a safe trip. By 9:45, Ken was already driving over the Golden Gate Bridge in San Francisco and making great time! Anticipation set in and by 1:30 pm, he let me know he was only 25 miles away from his final destination. My mind

was racing, wondering what Ken's experience was going to be like, going to the site where the mill once stood. A site that has been known to hold yellow California helmets. A site that has so many stories behind it. A true place of history.

Ken called around 2:30 pm, and it came as a great relief when he said, "I've got them." A rush of excitement came over me. I remember giving myself a huge fist pump and I may have let out a few "Woo!"s with it too! All that time waiting was over! Well, all the waiting for Ken at least, since he physically had them. I would still have to wait a few weeks to see them in person. The excitement would keep going though, because Ken was still at the mill site. While on the phone, he also told me that he was able to acquire another mostly intact helmet and 4 more specimens that my contact had found since our last time talking. That brought our total of California Roman Helmets and specimens was up to 13! The seller did keep one of the helmets for himself. Along with the helmets, he also gave a couple more pieces to Ken. Two that appeared at the time to be sage green California 161s, along with a light blue McLaughlin 106 and two 259 Cable helmet specimens. While he was there, Ken got to roam around for a while after the deal was done. While walking around and on the phone with me he said, "Hey, here is another insulator right here. It says Locke on it". What he had found was a beautiful amber swirled CD 296. I was excited and a little jealous that Ken was getting to walk around the site, but I was also definitely happy and appreciated that he was able to make the long trip up there.

I told Ken to take pictures while he was there so we could document this story. (Figure 4) Ken explains his experience at the mill like this:

"When I had talked to the seller, he recommended getting up there when there was still sunlight. Since I had not been sleeping that well because of the anticipation of making the drive to pick up these insulators, I got on the road at 3:30 AM. This would get me there about 1:30 in the afternoon. I didn't know what the traffic would be like, so I wanted to give myself some time in case I was running late. I ended up making good time and got to the site right on schedule. When I got there, I met the seller and he showed me the insulators that were in the back of his truck. It was great to finally see them in person. The mill that they were used in was no longer standing, but some of the buildings, like the machine shop and the metal shop, were still standing. He said it was ok for me to walk around in the buildings and check them out, so after paying for the helmets and putting them safely in my trunk, I took off walking. It was an amazing feeling to be walking around in buildings that had so much history. This company was such a big part of this area for well over 100 years. There were still the huge saw blades hanging up on the rack, as if they were ready to be used again. While I was walking around, I found the Locke, and noticed a CD 251 still up in the air. Afterwards, I went back and talked to the seller for a while. He explained that they were salvaging the wood and metal and reusing whatever they could. After a couple of hours, it was time to go. This would most like be the only chance of seeing these buildings as they would all be taken down before



THE SCOTIA HELMETS

(CONTINUED)



FIGURE 4 (LEFT & ABOVE): FOUR VIEWS OF THE FORMER MILL SITE. IN THE LOWER LEFT PHOTO, NOTE THE PINS AND INSULATORS ARE STILL ATTACHED TO SOME OF THE STACKED BEAMS

FIGURE 5 (BELOW): KEN'S SHOT OF THE DAY'S FIND BACK AT THE HOTEL ROOM





(CONTINUED)

too much longer. Driving back through the redwoods, I thought about how these trees had provided a living for so many people for so long. This was an amazing experience for me, and I am so grateful that I was able to be a part of it."

By the time Ken was done looking around the mill site, it was getting late and he decided to get a hotel room and stay the night before his long journey back home. While at the hotel, he brought the helmets in, placed them on a white table, and took some pictures for me. (Figure 5) There they were eight beautiful California helmets and one California 161 signal. I examined the photo and was filled with excitement. From the looks of the photo, most of helmets seemed more purple in color than I expected. As a California collector, I have noticed that the hue of California glass takes on some of the colors around it, so I did not think too much about the helmets in the picture being more of a purple color than expected. I would just have to wait to see what they looked like in person.

Weeks went by, and the plan was to divvy up the helmets the night before the Yuma Tailgater. I arrived a bit later than everyone else, so I was unable to make it to the dinner at Lutes Casino. I did reach out to Ken to let him know that I arrived. He was finishing up with dinner, and told me he would meet me at the hotel with the helmets. When Ken arrived, we brought the helmets and a backlit display up to the room so I could finally see these beautiful pieces. The results couldn't have been better. (Figure 6)

As we put each helmet out to examine it in the backlight, I put one of the big dome glass helmets up and quickly noticed that it had very light SCA in the ears, with peach and yellow tones throughout. I was blown away to see blue swirling from the lower left ear all the way through the dome going up towards the upper right ear. (Figure 7) "Wow!" was all I could say! I was shock and stunned by their beauty! How could we top that one? Then I put up what looked like the most yellow helmet out of the lot behind bright light of the backlit display. It was a beautiful yellow helmet, and it was very, very near mint! I examined the yellow helmet and I noticed mossy green mossy swirling in the ears. (Figure 8) Again, I was speechless. All of the helmets that we had acquired had colors ranging from yellow all the way to a light purple-peach two tone color. They were incredible! Ken and I felt overjoyed to have them. That night, we split up the helmets evenly and Ken gave me the specimen helmets. We also discovered that the two California CD 161s that we had received along with the helmets were not sage green, but were instead a citrine green tone! We also examined the CD 296 Locke that Ken had found at the mill site. It

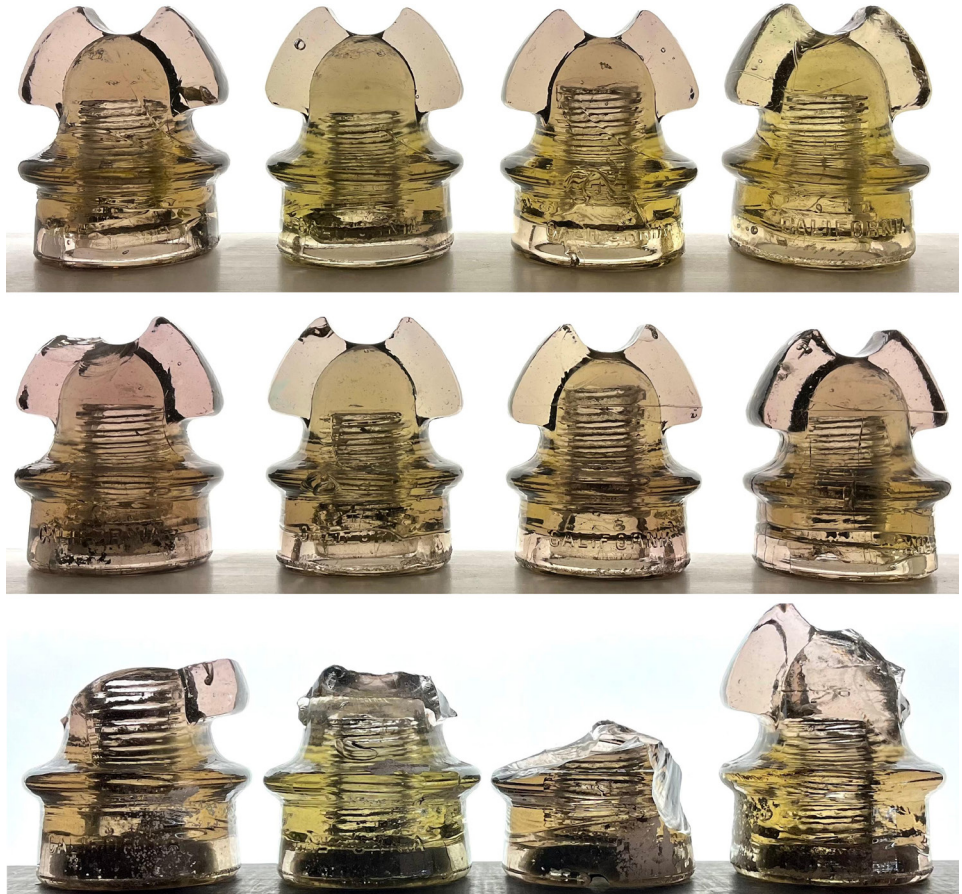


FIGURE 6: EIGHT COMPLETE HELMETS AND FOUR SPECIMENS

was a great aqua with heavy amber swirling! Every piece that we had acquired was nothing short of amazing! We were excited to share them with our fellow collectors the next day at the tailgater. (Figure 11)

I started to think about the reasons why most helmets were SCA or peach in color. The helmets that were found by the non-collector nearly a year earlier were all yellow. In the beginning of the article, I mentioned that he had received them from one of the salvagers, similar to me. The walls of the buildings were still in the air when he had purchased his lot of insulators, and as such, the helmets he found had not yet encountered sunlight. The seller I had received the helmets from said he was picking them up off the ground, which means they most likely were sitting and soaking up the sunlight unless they were buried in scrap piles for months after the salvage company had taken down the building.

A week after the Yuma show, I received the last piece of the puzzle in the mail that tied this story together. I received the yellow California helmet that I'd purchased from the Insulator Collectors Facebook group that had been found the year before while the walls were still standing. (Figure 9) Most of them were used up in the dark rafters of buildings where they would have never encountered direct sunlight. This strongly supports the theory that that the California helmets used



THE SCOTIA HELMETS

(CONTINUED)



FIGURE 7: BLUE SWIRLS



FIGURE 8: GREEN SWIRLS



FIGURE 9: A PURE YELLOW HELMET, NEVER EXPOSED TO THE SUN

at the Pacific Lumber Company's Scotia mill were indeed all yellow, and only began to purple when exposed to exposed to the sun.

A discovery that started with just letting someone know about the types of insulators I collected ended up being one of the biggest discoveries I have yet made. Other collectors and people I consider to be mentors in the hobby are always saying, "They are still out there." After making this find of a lifetime, that statement could not be more true. They are indeed still out there, sitting in the shadows, still waiting to be discovered.



FIGURE 10: TWO OTHER FINDS FROM THE MILL - A CITRINE GREEN CALIFORNIA CD 161, AND A LOCKE CD 296 WITH AMBER SWIRLING



FIGURE 11: JOSEPH AND KEN WITH THE BEST SHOW AND TELL AT YUMA THIS YEAR

NIA COMPANION TIDBITS

BY DAVID BARON

One of the most consistent and universal recommendations in the insulator world is to "...get to a show!". The NIA Companion Shows & Events feature makes it easy to see what shows are coming up, where they're taking place and who might be attending. It also makes it easy and quick for show hosts to create and update, show listings.



National Insulator Association's 52nd Annual Show and Convention

July 2-4, 2021 (only 131 days away!)
Farmington, AZ



Yankee Pole Cat Insulator Swap Meet

May 8, 2021 (only 76 days away!)
Manchester, CT



Kansas Territory Bottle & Post Card Show & Sale

April 18, 2021 (only 56 days away!)
Hutchinson, KS



Canceled NW Missouri Insulator & Bottle Show

March 20, 2021 (only 27 days away!)
Platte City, MO



Central Texas Bottle, Insulator & Collectibles Show

February 27, 2021 (only 6 days away!)
Round Rock, TX



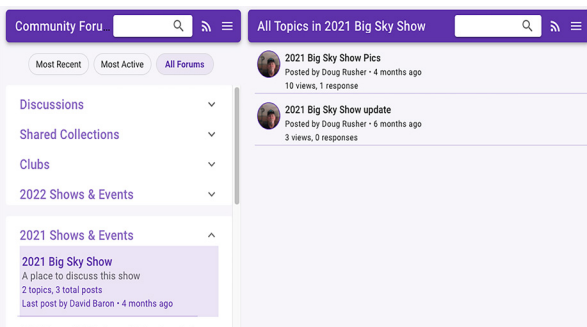
Eagle Cap Collectibles Auction

February 22-28, 2021 (Tomorrow!)
<https://www.eaglecapcollectibles.com>


NIA Companion displays the soonest occurring shows right on the home page. Clicking or tapping on that page will take the user to the Shows & Events area of the program and will display the full set of details, including dates, times, host information, and even a map, of the selected show. Viewers can also indicate if they plan on attending the show, and on the desktop version of the app they can see all other members who have said they plan on attending. Each show or event also gets its own forum within the Community area of the app. This allows members to discuss the upcoming show, what they might be looking to find and/or what they plan on having on display or for sale. It also allows show attendees to post photos to the forum, allowing less fortunate members to drool over the available glass and porcelain, as well as all of the members who came.

Adding a new show or event is quick and easy. You don't have to be a registered member of Companion to list a show, but by being a member, you can also update and change any show listing yourself. If you are not a registered member, the information that you enter will be forwarded to a Companion manager and the information entered. When entering a show, you can choose between insulator shows, bottle shows, combination shows or even auctions. You can also create a listing in draft mode, allowing you to save some of the listing details, but not make the listing public

until some later time when you finish the listing. The listing includes individual address fields, which allows the program to plot the show on a map. The map is linked to Google Maps, allowing show attendees to get directions to the show with just a click or two. One or both show hosts, as well as the person who created the listing are all able to edit the listing when needed, but only if registered on Companion. Each listing can also include both a flyer file and a show report document. For annual shows, the host can simply clone their most recent listing, change the dates and times, and click save. Once listed, you will receive a confirmation of the listing and the information will be sent to Drip Points magazine, insulators.info and All Insulators magazine. Believe Companion is the only site that will forward your show information to the other three listing sites.

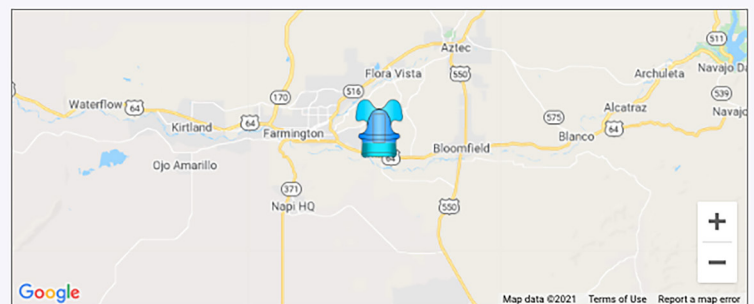


Show or Event Details

What	National Insulator Association's 52nd Annual Show and Convention
When	July 2-4, 2021 (Friday - Sunday) Not available yet.
Where	41 CR 5568 Farmington, AZ 87401
Details	There will be plenty of dealer space and exhibit space plus a multitude of thing to do in the area. Complete show information will be available in 2020 at the Logan, Utah National and subsequently online.
Host	Tommy Bolack 505-325-4275
and	Lou Hall 559-284-4211
Website	http://www.nia2021.com
Flyer	

R.S.V.P. I plan on going. (2 others so far)

Map



[View and Discuss in Community Forum](#)

TREE INSULATORS (PART 2)

BY DOUG RUSHER * NIA #1773

THE "ULTRA RARE" DUNTON TREE INSULATOR

This Dunton Tree Bracket is the only known example and was owned by Lou Hall and now resides in the Bolack Electromechanical Museum www.bolackmuseums.com



TREE INSULATORS (PART 2)

BY DOUG RUSHER * NIA #1773

THE "ULTRA RARE" DUNTON TREE INSULATOR

No. 802,096.

PATENTED OCT. 17, 1905.

C. W. DUNTON.
TREE INSULATOR.
APPLICATION FILED MAR. 24, 1905.

2 SHEETS—SHEET 1.

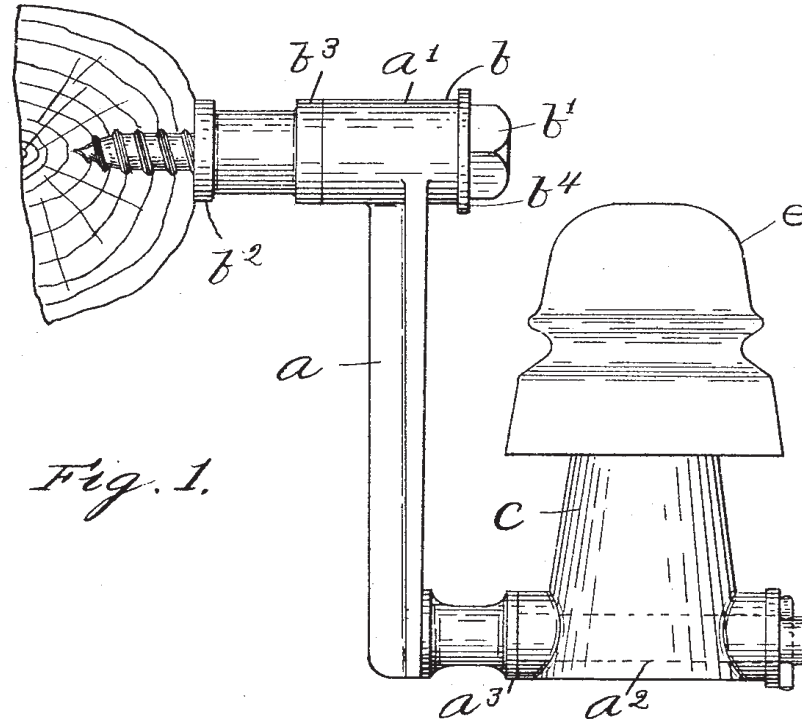


Fig. 1.

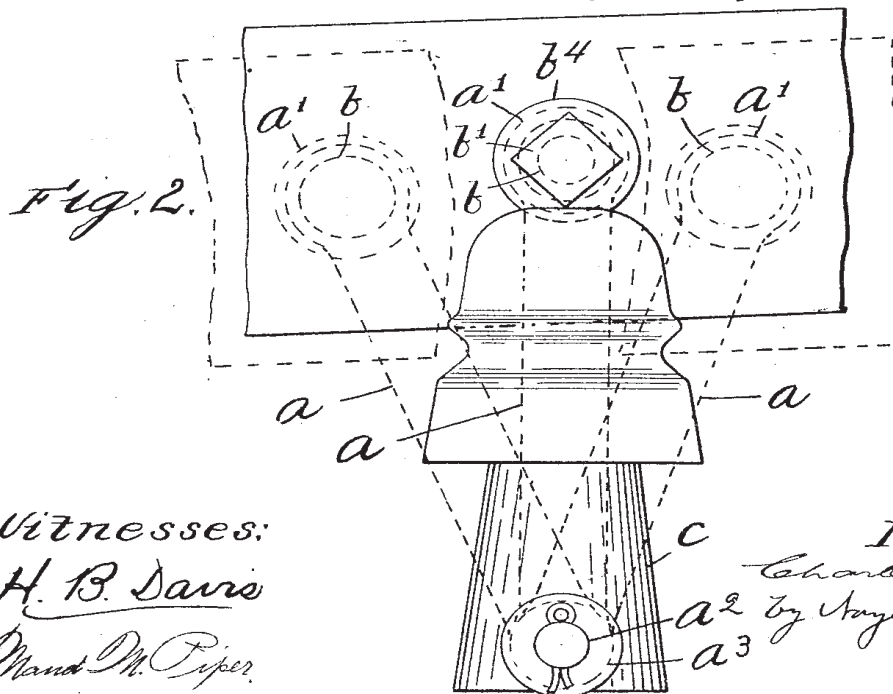


Fig. 2.

Witnesses:
H. B. Davis
Maud M. Piper

Inventor:
Charles W. Dunton
by Hayes & Harriman
Atty

TREE INSULATORS (PART 2)

BY DOUG RUSHER * NIA #1773

THE "ULTRA RARE" DUNTON TREE INSULATOR

UNITED STATES PATENT OFFICE.

CHARLES W. DUNTON, OF BOSTON, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO FRANK D. FIELD, OF CAMBRIDGE, MASSACHUSETTS.

TREE-INSULATOR.

No. 802,096.

Specification of Letters Patent.

Patented Oct. 17, 1905.

Application filed March 24, 1905. Serial No. 251,757.

To all whom it may concern:

Be it known that I, CHARLES W. DUNTON, of Boston, county of Suffolk, State of Massachusetts, have invented an Improvement in Tree-Insulators, of which the following description, in connection with the accompanying drawings, is a specification, like characters on the drawings representing like parts.

This invention relates to tree-insulators for electric wires, and has for its object to provide a device adapted to be attached to a tree, which is constructed and arranged to support the ordinary insulator-pin and insulator to which an electric-wire is connected by its usual tie-wire, and to allow free movement of the attaching means or point of attachment of the device relative to the insulator within prescribed limits, the range of movement being sufficient to compensate for the swaying of the tree or limb thereof to which the device is attached.

The invention comprehends, essentially, a swinging arm, means for attaching it to the tree, and a support—as, for instance, an insulator-pin—loosely connected to the extremity of said arm, bearing means, as an insulator, for holding an electric wire.

Figure 1 shows in side elevation a tree-insulator embodying this invention. Fig. 2 is a front elevation of the tree-insulator shown in Fig. 1, the dotted lines representing the attaching means in two different positions. Fig. 3 is a vertical section of the tree-insulator shown in Fig. 1. Fig. 4 shows a modified form of attaching means for the tree-insulator.

a represents an arm, which is made of any suitable length, having at its upper end a hub *a'*, mounted to turn freely on a bushing *b*, through which passes a screw *b'*, which is screwed into the tree. The bushing *b* is held fast to the tree by the screw and is formed or provided at its inner end adjacent the tree with a flange *b²* and also with a similar flange *b³* next the hub, or, if desired, said flange *b³* may be omitted. To prevent the hub from sliding off the bushing, a suitable washer *b⁴* is interposed between the end of the bushing and the head of the screw. The arm *a* depends from the bushing and is free to swing on said bushing as a pivot. The lower end of the arm *a* has a horizontal extension *a²* of cylindrical form projecting from it at right angles, which is formed or provided with a

flange *a³* at its inner end. A hollow frusto-conical body or shell *c*, having two oppositely-disposed holes through its wall near its lower end, is mounted on the cylindrical extension of the arm *a*, said extension passing through said holes. Hence the conical shell *c* is free to turn on said cylindrical extension as a pivot.

An insulator-pin *d*, of wood, comprises the usual screw-threaded stem rising from a conical base, and the conical base thereof is fitted into the hollow frusto-conical body *c*, which serves as a support for it and is held therein by the cylindrical portion *d²*, which crosses its lower end diametrically. The lower end of the conical base of the insulator-pin is preferably formed with a groove extending diametrically across it, which receives said cylindrical extension *a²*, and thus prevents the insulator-pin from turning.

The usual glass insulator *e* of any suitable form is screwed onto the insulator-pin, and the electric wire will be tied to this insulator in any usual manner. The insulator-pin *d* and support therefor serve as a support for the insulator, and said insulator serves as a means of holding the electric wire.

It will be seen that the lower end of the arm *a* is free to turn in the support for the insulator-pin on a horizontal axis, and the upper end of said arm, which is attached to the tree, is also free to turn on a horizontal axis, and as a result the upper end of the arm or the attaching means is free to move within prescribed limits, yet the range of movement is sufficient to compensate for the swaying of the tree or limb thereof to which the device is attached.

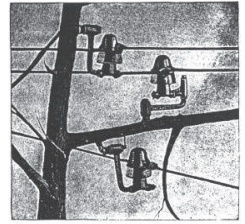
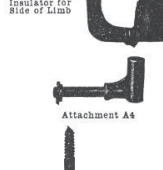
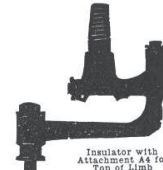
The bushing bearing the swinging arm may be mounted upon one arm of an L-pin, as *f*, (see Fig. 4,) which is screwed into the top of a limb if it should be required to thus attach the device to the tree. In other words, either form of attaching means may be employed, according to the requirements.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a tree-insulator, a swinging arm, means for attaching it to a tree, a support pivoted at its lower end to the extremity of said arm bearing means for holding an electric wire, substantially as described.

2. In a tree-insulator, a swinging arm, means

DUNTON TREE INSULATORS (PATENTED)



The Dunton Tree Insulator is so constructed that it can be used on any size wire, is absolutely safe, and made of the highest grade of malleable iron. The arm swings on a sleeve which is lag screwed to the limb of a tree and turns in a cone shaped casing pivoted to lower end of the arm, which allows the glass to be in a vertical position at all times when tied to the wire. A standard locust pin is driven into the cone shaped casing and cannot turn or come out when assembled to the arm.

Special lag screws are furnished with insulators, so that the body of the screw will enter the limb at least three quarters of an inch, thus giving full strength of the screw.

It allows the limb of the tree to which the insulator is attached to move in any direction without injury to tree or wire.

The glass is screwed on an ordinary locust pin entirely protected from the weather.

It is constructed so that any ordinary single, double or triple petticoated glass or any other form of insulator that fits a standard pin can be used with the Dunton Tree Insulator.

It can be attached to any size limb over 1/4 inch in diameter by simply substituting a small carriage bolt in place of a 3/8-inch lag screw which is furnished with the insulator.

Trade No.	SIZE 1	Price per 100
049041	For wire up to 0000 B. & S.	\$100.00
SIZE 2		
049042	For wire up to 1000000 C. M.	150.00
ATTACHMENTS A4		
049043	For either No. 1 or No. 2.	35.00
RIGHT ANGLE LAG SCREWS		
049044	3/8-inch.	20.00
049045	5/8-inch.	25.00

No. 802,096.

C. W. DUNTON. PATENTED OCT. 17, 1905.

TREE INSULATOR.

APPLICATION FILED MAR. 24, 1905.

2 SHEETS—SHEET 1.

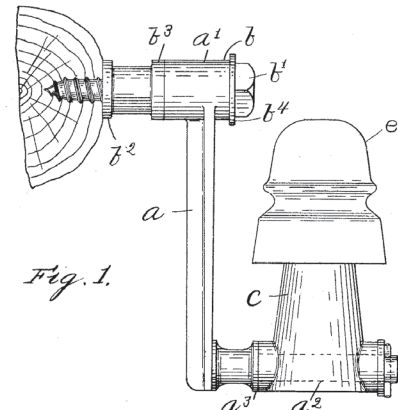


Fig. 1.

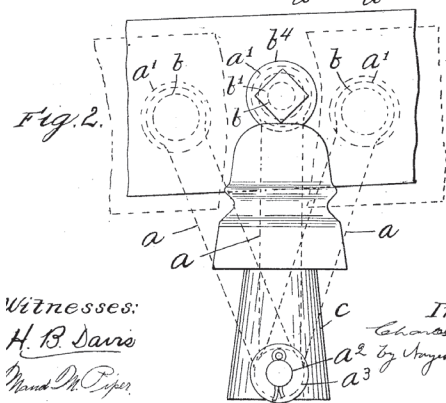


Fig. 2.

Witnesses:

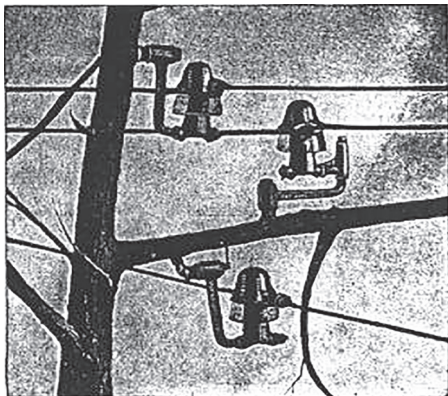
H. B. Davis

Wm. M. Piper

Inventor:

Charles W. Dunton

Atty



TREE INSULATORS (PART 2)

BY DOUG RUSHER * NIA #1773

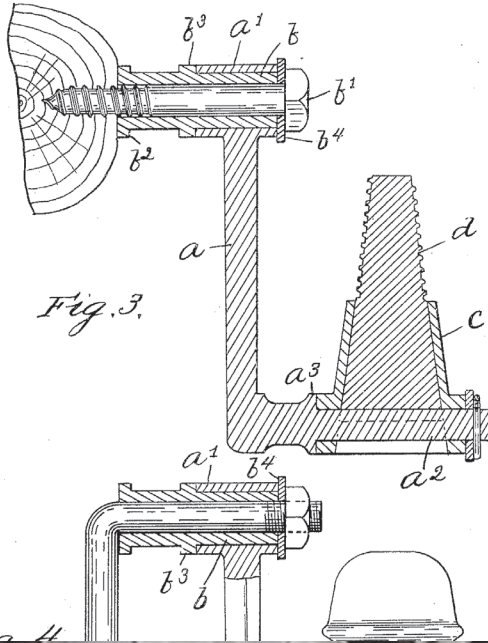
THE "ULTRA RARE" DUNTON TREE INSULATOR

No. 802,096.

G. W. DUNTON.
TREE INSULATOR.
APPLICATION FILED MAR. 24, 1905.

PATENTED OCT. 17, 1905.

2 SHEETS—SHEET 2.



Charles W. Dunton was issued Patent No. 802,096 on October 17, 1905. One half of the patent rights were assigned to Frank D. Field. Mr. Dunton stated in the patent text "This invention relates to tree insulators for electric wires, and has for its object to provide a device adapted to be attached to a tree, which is constructed and arranged to support the ordinary insulator-pin and insulator to which an electric wire is connected by the usual tie-wire, and to allow free movement of the attaching means or point of attachment of the device relative to the insulator within prescribed limits, the range of movement being sufficient to compensate for the swaying of the tree or limb thereof to which the device is attached.

The device is further described "in a tree insulator, a bushing, a screw extended therethrough for attaching it to a tree, a swinging arm having a hub loosely mounted on said bushing, and an insulator located at the lower end of said swinging arm." Also, "An extension formed at the lower end of and at right angles to the arm, a hollow frusto-conical body having two oppositely disposed holes through it for said extension, and an insulator pin having a conical base formed with a groove extending diametrically across its lower end, which is contained in said hollow body above said extension.

The Dunton Tree Insulator is so constructed that it can be used on any size wire, is absolutely safe, and made of the highest grade of malleable iron. The arm swings on a sleeve which is lag screwed to the limb of a tree and turns in a cone shaped casting pivoted to lower end of the arm, which allows the glass to be in a vertical position at all times when tied to the wire. A standard locust pin is driven into the cone shaped casting and cannot turn or come out when assembled to the arm.

Special lag screws are furnished with insulators, so that the body of the screw will enter the limb at least three quarters of an inch, thus giving full strength of the screw.

It allows the limb of the tree to which the insulator is attached to move in any direction without injury to tree or wire.

The glass is screwed on an ordinary locust pin entirely protected from the weather.

It is constructed so that any ordinary single, double or triple petticoated glass or any other form of insulator that fits a standard pin can be used with the Dunton Tree Insulator.

It can be attached to any size limb over $\frac{3}{4}$ inch in diameter by simply substituting a small carriage bolt in place of a $\frac{3}{8}$ -inch lag screw which is furnished with the insulator.



TREE INSULATORS (PART 2)

BY DOUG RUSHER * NIA #1773

THE BUCKBEE ROTARY TREE BRACKET

The Buckbee rotary tree bracket was made solely by the W. H. Olmstead Manufacturing Company located at 520 Townsend Avenue, Detroit, Michigan. It could be placed at any angle in less than one minute, held in place with two staples. It fits any standard insulator, and holds the line away from the tree or object to which the bracket is attached at a clear distance of 9 inches, while it allows the supporting object to move 18 inches with no strain on the wire or bracket. At the same time it is impossible for the wire to come in contact with the tree and impair the service, and hence also there is no wearing off as regards the insulation. It was made of 3/8 inch Bessemer steel rod. The following advertisement appeared in the November 7, 1908 issue of Electrical World.

PATENTED

I
T
R
O
T
A
T
E
S



**Saves Current,
Time and
Trouble. Fits
Any Standard
Insulator**

**Fool
the
Wind**

**The Buckbee
Rotary Tree Bracket**

prevents damage to trees and
loss of current. It rotates
when the tree sways.

Strong, cheap and durable.
Can be placed at any angle in 10 seconds
—just drive two staples. Indorsed by
all leading Telephone, Telegraph
and Electric Light Companies.
Jobbers, write for discounts; it will interest
you.

Write for free trial, any town in U. S. or Canada,
freight prepaid on 50c. or more.
20c. each; \$15.00 per hundred.

The W. H. Olmstead Mfg. Co.
520 Townsend Ave., Detroit, Mich.

The rotating bracket for the suspension of electrical wires was patented by Charles E. Buckbee of Flushing, Michigan. Patent No. 873,700 was issued on December 10, 1907

As of this article NO examples have been found, So if you have one of these please contact Lou, Andrew or Myself.

I want to give Credit to the fellow collectors who helped me with this article and reference Material that was supplied.

Andrew Gibson who supplied most of the fantastic photos for this article, and tons of information for this article.

Lou Hall who has spent countless hours of research and sharing his knowledge on different tree insulator companys.

Elton Gish for his outstanding resource website for finding information on Insulators.

Chris Hedges for his photos of the Pierce Tree Insulator.

Chris Cotnoir for his pics of the Holmes Tree Insulator in the Log

Barrett Nicpon for photos and information on the Slater Insulator.

NIA.org for Insulator Reference Catalogs, Insulator Reference Material.

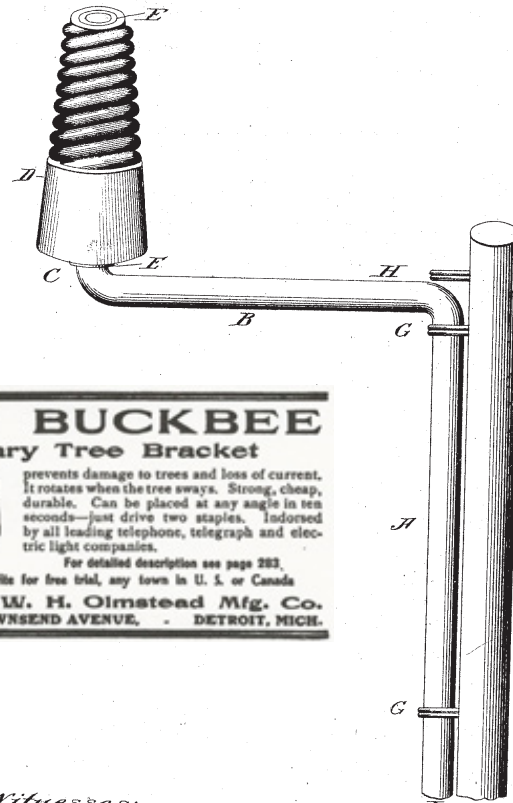
No. 873,700.

PATENTED DEC. 10, 1907.

C. E. BUCKBEE.

ROTATING BRACKET FOR THE SUSPENSION OF ELECTRIC WIRES.

APPLICATION FILED MAR. 2, 1907.



THE BUCKBEE
Rotary Tree Bracket

prevents damage to trees and loss of current.
It rotates when the tree sways. Strong, cheap,
durable. Can be placed at any angle in ten
seconds—just drive two staples. Indorsed
by all leading telephone, telegraph and elec-
tric light companies.

For detailed description see page 283.
Write for free trial, any town in U. S. or Canada

The W. H. Olmstead Mfg. Co.
526 TOWNSEND AVENUE. - DETROIT, MICH.

Witnesses:
Charles S. Wheeler
Jerry B. Gibbons

Inventor:
Charles E. Buckbee

TREE INSULATORS (PART 2)

BY DOUG RUSHER * NIA #1773

W M DAVIS TIEWIRE TREE INSULATOR

UNITED STATES PATENT OFFICE.

WILLIAM M. DAVIS, OF PLYMOUTH, MASSACHUSETTS.

INSULATOR.

SPECIFICATION forming part of Letters Patent No. 410,637, dated September 10, 1889.

Application filed April 25, 1889. Serial No. 308,553. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM M. DAVIS, a citizen of the United States, residing at Plymouth, in the county of Plymouth and State of Massachusetts, have invented a new and useful Insulator for Electrical Conductors, of which the following is a specification.

This invention has relation to insulators for electrical conductors, and is especially adapted for use in connection with the limbs of trees and other unstable supports where an occasional swaying takes place.

Among the main objects in view are to provide an insulator which, while being firmly secured to the tree or other support, is capable of securely and yet yieldingly retaining an electric wire, and this in such a manner that the wire will not be materially affected or strained by the swaying of the tree or other support—as, for instance, is caused by windstorms—and will insure a dry insulation. Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a perspective of an insulator and fastener or support constructed in accordance with my invention. Fig. 2 is a detail in perspective of the fastener removed. Fig. 3 is a vertical section of the same.

Like numerals of reference indicate like parts in all the figures of the drawings.

1 represents an ordinary electric insulator provided with the usual threaded socket 2, for the reception of a spindle or other support, and with a surrounding annular groove or recess 3, and a depending flange 16, out of contact with its support, thus preserving a perfect insulation in all kinds of weather. Passing partially around the insulator and mounted within the annular groove 3 is a bridle 4. The bridle 4 is formed, in this instance, of two strands of wire 5 and 6, the strand 5 passing partially around the insulator in the groove 3, and about midway is joined by a companion wire 6, where a twist 7 is formed, the two wires then diverging to form an open loop 8*, said wires again joining each other at an opposite point to that at which they diverge, where a second twist 8 is

made. At this point the wire 6 terminates; but the remaining wire 5 is extended singly, and is bent, as at 9, for connection with its opposite terminal, which is similarly bent at 10, to form the connection.

11 represents a semicircular shield, which is formed, preferably, of sheet or cast metal, the shield and wire being preferably of copper. The shield is provided with an outwardly-central bulge 12, and at its upper and lower ends with the rearwardly-inclined hooks 13, adapted to take over the upper and lower sides of a loop 8*, upon which they are firmly secured by being bent through the medium of a pair of pinchers. By mounting the shield upon the loop it will be seen that said loop, in connection with the unoccupied portion of the groove 3, forms a complete passage 14 for the electrical conductor 15, and the passage thus formed is of such dimensions with relation to the conductor as to permit a movement of the insulator in any direction without subjecting the wire or conductor to any strain thereby. It will also be noticed that the side walls of the shield or plate are somewhat flared, so that the branch upon which the insulator is mounted may be swayed in any direction, without regard to the direction or course of the wire.

Having described my invention, what I claim is—

1. The combination, with an insulator, of a bridle made to form a loop, and a shield mounted in the loop and adapted for connection with the opposite sides thereof, substantially as specified.

2. The combination, with an insulator, of a bridle made to form a loop, and a shield of semicircular form mounted in the loop and having its opposite ends formed to engage with the opposite sides of the loop, substantially as specified.

3. The combination, with an insulator, of a bridle consisting of two strands, the terminals of one being twisted around the other strand, and the terminals of the other strand being bent to engage with each other, and the two strands being oppositely bent intermediate their ends to form a loop, and a shield-plate mounted in the loop and provided with opposite hook ends for the engagement with

the opposite portions of the loop, substantially as specified.

4. A bridle for insulators, made of wire in two strands, the strands being oppositely bent intermediate their ends to form a loop, and the shield-plate provided with opposite hook ends to engage the opposite portions of the loop, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WM. M. DAVIS.

Witnesses:
GEO. L. HANES,
CHARLES E. BARNES.

(No Model.)

W. M. DAVIS.
INSULATOR.

No. 410,637.

Patented Sept. 10, 1889.

Fig. 1

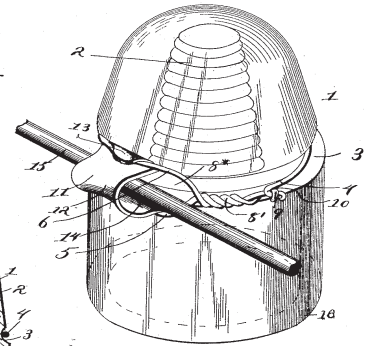


Fig. 2

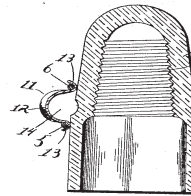
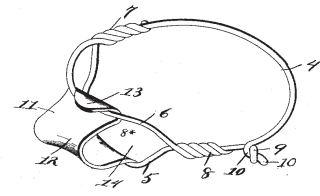


Fig. 3



Witness:
Geo. C. Frick
W. H. Devall

Inventor:
William M. Davis.
By his Attorneys
C. H. Snow & Co.

This Davis Tiewire Tree Insulator was made by Lou Hall using the original Patent Drawings, as no original has been reported as yet.



Part 3 in upcoming Issue



UPCOMING EVENTS

APRIL 2022 – MAY 2022

April 2, 2022 (Saturday) WHEATON, ILLINOIS

The Dupage Collectors Expo will be held Saturday, April 2nd, at the Dupage County Fairgrounds, 2015 Manchester Road, Wheaton, Illinois, Hours are 9:00 AM to 3:00 AM. Items for sale & trade include: Insulators, Lightning Rod items & Weathervanes, Telephone & Telegraph items, Bottles, Jars, etc. Info: BOB STAHR: bob@hemingray.com (630) 793-5345 and RICK SOLLER: com574@clcollinois.edu (847) 782-8602.

April 3, 2022 (Sunday) HUTCHINSON, KANSAS

The 15th Annual Kansas Territory Bottle & Post Card Show & Sale will be held in the Sunflower South building on the Kansas State Fairgrounds, 2000 N Poplar Hutchinson, KS. Bottles, jars, insulators, signs, postcards and many miscellaneous table-top antiques. Set up starts Saturday at noon for registered dealers & club members. Open to the public at 9 am on Sunday. For information: Mike McJunkin, scarleits@cox.net, 620-728-8304, or Mark Law, kansas-bottles@gmail.com, 785-224-4836

April 22-23, 2022 (Saturday-Sunday) ANTIOCH, CALIFORNIA

The Golden Gate Historical Bottle Society presents its 54th Annual Bottles, Antiques & Collectibles Show on April 22 and 23, 2022 in the Contra Costa County Event Park (Fairgrounds), Sunset Hall, 1201 West 10th Street, Antioch, CA 94509. Show Hours: Friday: Dealer Setup & Early Admission (\$10 fee) 12:00 noon to 5:00 p.m.; Saturday: Free Admission 9:00 a.m. to 3:00 p.m. For Show Information, contact: Gary or Darla Antone (925) 373-6758 Email: packrat49er@netscape.net

April 23, 2022 (Saturday) STRONGSVILLE, OHIO

Western Reserve Insulator Club's 23rd Annual Swap Meet & Club Meeting at the Spyglass Hill Recreation Center, 13201 Compass Point Drive, Strongsville, OH 44136. This show formerly our 'Winterfest' but shifted to 'Springfest' this year. Dealer Setup: 9:00am; Show Hours: 10:00am-3:00pm. Club Meeting and Lunch: 12-1:30pm. There are no admission or table charges, but space is very limited, so please contact us ahead of time if you plan to set up! Info / RSVP to JOHN HOVANEK (216)392-3622 or jrhovanec@ymail.com

April 29-30, 2022 (Friday-Saturday) FRESNO, CALIFORNIA

The 26th Annual Rohde BBQ will be held Friday, April 29th (noon to 4PM) & Saturday, April 30th (7AM to 4PM) at 12441 North Friant Rd, Fresno, CA (GPS: 2000 Birkhead Ave. Fresno, CA). You'll enjoy free-of-charge the famous Deep-Pit BBQ feast. Numerous tables are provided, or you may bring your own, or just open your tailgate and sell & trade. Swapping stories and bringing your recent finds are strongly encouraged. Info: BILL at (530) 701-4377 or KAT at (559) 974-3890. Email: norcalmud@yahoo.com

April 30, 2022 (Saturday) ST. LOUIS PARK, MINNESOTA

The North Western Insulator Club invites all to our annual Spring Sale and Swap Meet Event, this year hosted by Joel Anderson and Bruce Konold. The event will be held at MATTER, 7005 Oxford St., St. Louis Park, MN, in a spacious building with plenty of room and light. Tables and chairs are provided so plenty of room for you to spread out. Lunch will be pot luck, and coffee and water will be provided. There are at least 2 collections from members who are downsizing so be ready for a lot of great choices. Please let us know if you are bringing a large collection. An auction will be held to benefit the club treasury

for yearly activities and all are welcome to bring your wares to buy or sell. For questions or for more info, contact hosts Joel Anderson at joel@matter.ngo or call/text 651-285-0483, or BruceKonold@eaganhills.org or call/text 652-470-4961. Please notify them if you will be attending and for table needs.

April 30, 2022 (Saturday) NEW BRAUNFELS, TEXAS

The Annual Lone Star Insulator Club Tailgater will be held on April 30th, 2022 at 556 Winding View, New Braunfels, Texas. Hours are 10 AM to 4:00 PM. Lunch will be provided. Hosted by Keith Frels and John Hall, For more information contact John Hall 830-226-7161 or by email j_hall@ix.netcom.com

May 6-7, 2022 (Friday-Saturday) COLUMBUS CITY, INDIANA

The 2022 Columbia City Collectibles Show is May 6 & 7 at the Whitley County 4H Center, 581 Squawbuck Rd, Columbia City, IN. This is one of the least expensive shows to attend or be a dealer. Show info, contact Gene Hawkins gene. hawkins@mchsi.com or Mike McLaughlin 574-377-5490 for other show info or for dealer tables. Friday dealer setup noon-2 PM Open to public at 2 PM Friday 5 PM Pizza. Friday 5:30 PM Show & Tell, where folks bring really cool stuff with special stories. Always interesting stuff comes off collector's shelves for discussion, things you won't see unless you visit them as it often isn't for sale, just special! PLEASE Bring something with a story to share with us! Saturday doors open for dealer set up at 6 AM, public at 7 AM. Saturday at 10 AM will be another auction, so clean out the closet & bring your clutter! Dealers can pack up whenever they need to do so.

May 21, 2022 (Saturday) CAYUCOS, CALIFORNIA

The 28th Annual Golden State Insulator Club's Spring Insulator and Collectibles Show will be held Saturday, May 21st. This year's gathering will be located at the outside pad next to the soon-to-be-renovated Veteran's Hall, just right of the pier in Cayucos (California). Address: 10 Cayucos Drive, Cayucos, CA 93430. Directly above the beach are gorgeous ocean views and invigorating breezes which will add to your experience. Hours are 8:00 AM to 3:00 PM. Free lunch will be served to dealers. The public admission is free. Book your stay at one of the many motels in Cayucos, Morro Bay, Los Osos, Cambria, etc., or stay at one of the area's RV parks. Dealer tables and chairs are free. This show is casual, friendly, and well-attended by the public. For more information contact: bobmerzoian@mac.com or call (559) 359-2826. See you there!

May 21, 2022 (Saturday) COLORADO SPRINGS, COLORADO

The "SPRINGTIME in the Rockies Show" returns for 2022! Come celebrate the Triple-Ridge Insulator Club Get-Together & Potluck being held in Colorado Springs, CO from 7:00 am - 3:00 pm on Saturday May 21st 2022 at 2905 N. Cascade Ave., Colorado Springs, CO. We have room for 35 PLUS++ tables, both inside and outside. There's never an admission or table setup charge and tables are free while they last, or you can bring your own. There's always a great selection of glass & porcelain insulators, as well as go-withs, bottles and hobby related hardware & goodies available. A delicious lunch of grilled burgers, assorted chips, dips, drinks and salads will be provided, and you're all encouraged to bring a side dish, dessert or other munchies if you would like to share something. So, come join us for a great day of fun and fellowship with other collectors and enjoy a little Spring-time in the Rockies. Please give any of the hosts listed below a call or email letting us know you'll be here, so there's sure to be plenty of tables, chairs and food. Contacts: Dan Gauron: 719-492-0181 alyeskaco@comcast.net - Mike Green: 303-549-5028 n2glass@centurylink.net - Nathan Holmes: 719-235-1286 - maverick@drwg.net

UPCOMING EVENTS

MAY 2022 – JUNE 2023



May 27-28, 2022 (Friday-Saturday)
SPOKANE, WASHINGTON

The Umpteenth Annual Spudfest Show will be held May 27 and 28 at the Burger Compound, 8925 S. Cheney Road, Spokane, WA. Festivities on Friday run from 1000hrs to "whenever", and on Saturday the fun starts at 0800 and goes until "whenever". It's requested that those planning to attend drop a courtesy contact to Brent Burger to help planning of the food for Friday night and Saturday afternoon. Hungry collectors are ugly collectors. We do not want to run short. As usual, there will be no charge for tables, but request that those wanting a table, contact Brent to reserve what they need, so we do not run short on these either. The committee encourages those wishing to bring their own tables to do so. Info: Brent Burger, cgico@comcast.net

June 4, 2022 (Saturday)
PERRY, IOWA

25th Annual Hawkeye Insulator Swap Meet Hotel Pattee, 1112 Willis Avenue, Perry, IA. Saturday June 4th, 2022. Doors open at 9:00 a.m. and close at 3:30 p.m. Hosted by Skip Lowe (641) 751-6856 sllowe@iowatelecom.net.

June 11, 2022 (Saturday)

PERKIOMENVILLE, PENNSYLVANIA

49th Annual Pennsylvania Insulator Show And Sale, Saturday June 11th. Hours 9 AM till? FREE ADMISSION. This is an Outdoor Show held at Arlene Wambold large side yard for all these years! Address 1837 Perkiomenville Rd, Perkiomenville, Pa. 18074. Lunch provided, Steve's famous pulled pork and other goodies! Please get ahold of either Arlene or myself when we get closer to the show date if you want to contribute food. Bring your own setup table and chairs. For more information contact Steve Bobb at sbobb1@verizon.net, call or Text (610) 639-1308, Arlene Wambold acwambold2@verizon.net, call (215) 234-8413.



July 29-31, 2022 (Friday-Sunday)

GETTYSBURG, PENNSYLVANIA

The 2022 NIA National Show and Convention on July 29th – 31st is in Gettysburg, Pennsylvania. The Wyndham Gettysburg is located two short miles from the Battlefield that changed the course of our Nation's History. For reservations (after 27 July 2021) call 717-339-0020 extension 0 to talk to a hotel representative. Our Group Code is: 072722NAT. All activities for the show occur at the Wyndham. The Chesapeake Bay Insulator Club is the overall sponsor for the NIA National Show, while your show hosts are: Gus Stafford, 816 Flintlock Ridge Road, Mechanicsburg, PA 17055 Gus.Stafford@gmail.com; Mary Ann Pike, 1280 Sugar Run Rd, Venetia, PA 15367, mapike@earthlink.net; Justin & Emily Stoudt, 1531 Helffrich Rd, Kutztown, PA 19530, justin@theinsulatorstore.com; Steve Gosciminski, 118 Tyson School Road, Catawissa, PA 17820, rcpandc@yahoo.com. For more information, visit https://www.nia.org/shows/2022_national/

August 6, 2022 (Saturday)

BERKLEY, MICHIGAN

4th Annual Insulator Swap Meet will be at a bigger and better location. Show hours are 9:00 AM to 3:00 PM, dealer setup starts at 8am. The swap meet location is at the Knights of Columbus 2299 Twelve Mile Rd Berkley Michigan 48072. The location is only 1 hr north of the Michigan/Ohio border, walking distance to downtown Berkley and there's a few antique stores in the area. Tables are \$25 each, free admission. Dealers, please RSVP when possible. Contact Curtis Erickson (248) 515-4612 crerickson1@gmail.com for info

August 12-13, 2022 (Friday-Saturday)
BEND, OREGON

The Annual Jefferson State Insulator Club's Quatro Amigos and Dos Amigas Insulator Show & Sale in Central Oregon will be held August 12-13 starting with dinner Friday evening followed by our traditional bonfire and story-telling time. On Saturday the show will begin early. Tables will be provided. If you would like a table, please let us know beforehand so the correct number can be ordered. There will be a BBQ lunch at 11:35 AM. Side dishes are welcome. Be sure to bring your "Go-Withs" and any other treasures along with your hunting and adventure stories for the Friday evening bonfire. Please RSVP so we know how much food to order. Lodging and camping available at nearby Tumalo State Park or camp on site. Our location is 64420 Research Road, Bend, OR 97703. Info: JIM SINASEK (541) 383-8067 (oregonjim@q.com). You may also contact Howard Banks at 541-761-9456 (hbanks@budget.net) or Tim Wood at 541-923-4116 (cwetim@gmail.com).

August 26-27, 2022 (Friday-Saturday)

HELENA, MONTANA

The 2022 Big Sky Show will be held at A-Storage, 3333 Canyon Ferry Road, 3333 Canyon Ferry Rd, East Helena, MT 59635. Show Starts Friday The 26th at 12:00 and runs until 5:00. Show and Tell At Ron and Peggy's Home at 6:00 until 9:00. Saturday Show starts at 8:00 and ends at 3:00. Inside Table rent is \$20.00 outside tables are \$10.00. For outside tables we suggest you bring your own canopy And you will be responsible for your items when show closes on Friday night. For Info and to reserve your spots please contact Ron Yuhas at 406-439-4573 (gramapig@bresnan.net) or Doug Rusher 406-461-7341 (ddrusher@aol.com)

September 17, 2022 (Saturday)

LAWRENCE, KANSAS

Border States Antique Show & Sale, Douglas County Fairgrounds, 2120 Harper St. Bldg. 21, Lawrence, KS, 66046 from 9:00 AM to 3:00 PM. Antique insulators, bottles, jars, postcards, telephones, advertising, porcelain signs, lightning rod balls & arrows and other table-top antiques & collectibles. Friday set up with show open to the public on Saturday. 100+ 8' & 6' tables available. Breakfast & lunch available on site. For information contact Darryl Wagner, darryl@dwagnerkc.com, 816-719-0801, or Mark Law, kansasbottles@gmail.com, (785) 224-4836.

June 9-11, 2023 (Friday-Sunday)

LOGAN, UTAH

The National Insulator Association's 54th Annual Show and Convention will be held at the Cache County Fairgrounds in Logan, Utah. The fairgrounds is located at 450 South 500 West, Logan, UT 84321. There will be plenty of dealer space and exhibit space plus a multitude of things to do in the area. Complete show information will be available in 2023 at the Gettysburg National and subsequently online. Show Hosts are: DON & JEANNE BRIEL, (435) 753-5786, Don.Briel@comcast.net and BRIAN & CATHY WEESE, (801) 201-5187, brianweese@gmail.com



THE UPCOMING EVENTS LIST APPEARS COURTESY OF:

- The NIA Companion - <https://companion.nia.org>
- All Insulators - <https://allinsulators.com>

TO SUBMIT AN UPCOMING INSULATOR SHOW:

- <https://companion.nia.org/shows/>
- https://allinsulators.com/hobby/shows/submit_show/

53rd Annual NIA National Show

GETTYSBURG

At the Wyndham Gettysburg
95 Presidential Circle, Gettysburg, PA
July 29th – 31st 2022



www.nia.org/shows/2022_national

Glass Insulator Collector

Dan Gauron

P.O. Box 1721
Colorado Springs, CO 80901

719-492-0181
Alyeskaco@comcast.net

Buy - Sell - Trade

NIA #8176



ANNUAL SHOW & SWAP

INSULATORS* *INSULATORS* *INSULATORS* *INSULATORS*
****BOTTLES AND RELATED COLLECTABLES WELCOME****

Saturday May 21st 2022

From: 7am – 3pm

At: 2905 North Cascade Ave Colorado Springs *(just off I-25 at the 145 exit)*

Free admission

- *Free Tables*** (while they last or bring your own)
- *Free Appraisals*** (don't know what it's worth, bring it)
- *Free Lunch*** (Donations Appreciated)

Plenty of Indoor & paved out door space is available

****Please Contact/RSVP one of the following so that we have plenty of chairs and tables for you****

Dan Gauron: alyeskaco@comcast.net or 719-492-0181
Mike Green: n2glass@centurylink.net or 303-549-5028
Nathan Holmes: maverick@drgw.net or 719-235-1286

Come Join the Fun

****Show Hosts Not Responsible For Accidents****



WANTED

**CD 293's in All Colors
Especially Greens, Sages, Grays, SCA
and Character pieces**

Also photos of 293's in use,

Historical info etc.

Doug Rusher NIA1773

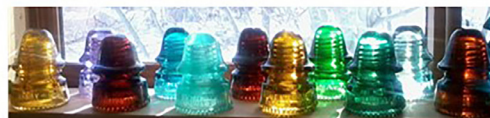
Helena, Mt 59602

PH 406-461-7341 or ddrusher@aol.com

Now Buying and Selling Insulators

ZnZ Ventures

Roger & Beth Ziesak



From single insulators to collections of all sizes.

Glass or porcelain, tell us what you've got
or let us know what you're looking for.

Also dealing in Railroadiana and Collectable Coins.

406-239-1646

Ziesakventures@gmail.com

COLLECTIONS WANTED

Up to 300% of book price paid for some pieces



NO GAMES. JUST CASH FAST!

NEW ENGLAND AREA, including NY & PA

BRIAN RIECKER- 23 year NIA Member- 620*779*1741

TOP CASH PAID

RENO 2022

FOHBC RENO NATIONAL ANTIQUE BOTTLE CONVENTION

WESTERN REGION

Thursday, July 28 - Sunday, July 31, 2022

Antique Bottle Show & Sales, Bottle Competition, Early Admission, Seminars, Displays, Awards Banquet, Membership Breakfast, Bowling Competition, Silent Auction, Raffle, Children's Events and more...

\$5 General Admission Saturday and Sunday half day



Go to FOHBC.org for hotel booking information, schedule and dealer contracts. Hotel rooms will go fast!

Richard & Bev Sirl (Show Chairs)
rsirl@sbcglobal.net

John Burton (Displays)
JohnCBurton@msn.com

DeAnna Jordt (Show Treasurer)
djordt@yahoo.com



TEAM RENO

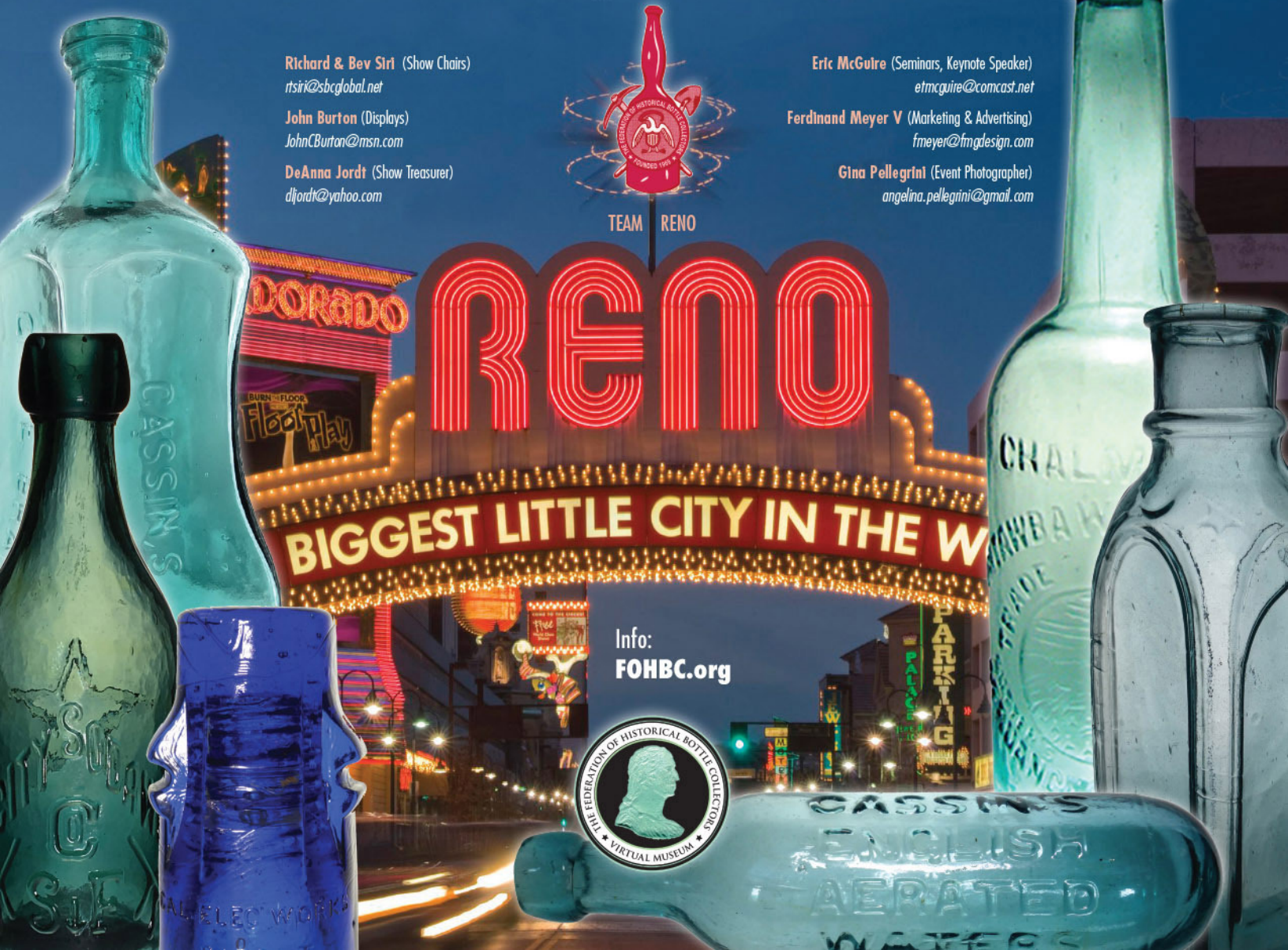
Eric McGuire (Seminars, Keynote Speaker)
etmcguire@comcast.net

Ferdinand Meyer V (Marketing & Advertising)
fmeyer@fmgedesign.com

Gina Pellegrini (Event Photographer)
angelina.pellegrini@gmail.com



Info:
FOHBC.org





The Insulator Store



Jim Frustieri & Justin Stoudt
· Proprietors ·

www.TheInsulatorStore.com

sales@TheInsulatorStore.com

WE OFFER HUNDREDS OF "BUY IT NOW" LISTINGS, FAST AND PROFESSIONAL SHIPPING AND SECURE CREDIT CARD PAYMENTS THROUGH PAYPAL. VISIT OUR WEBSITE FOR MORE INFO!

Glass · Porcelain · Foreign · Domestic · LRI's · LRB's · Hardware · Literature



WANTED

Embossed LRI's and Colorful Lighting Rod Insulators

Specializing in Otis lighting Rod Insulators

Contact

Terry Drollinger

509-830-2809

terrymdroll@yahoo.com





Eagle Cap Collectibles

Consign now for our next Auction

Howard Banks

www.EaglecapCollectibles.com

541-761-9456 hbanks@budget.net

Insulator Collectors Directory



We are excited to release the new 2021-2022 printed Insulator Collectors Directory.

This full-color handy reference can help you find other collectors in a specific area, find a mentor, find other collectors with specific interests, etc. Both online and printed versions are available.

We have shipped all of the pre-orders, but a limited number of extra copies were printed and are now available for \$15 postage paid to NIA members. Don't delay — these are sure to go quickly.

You can order yours online at:

<https://insulatorcollectors.org/purchase>

or through NIA Products (order form is included in this magazine).



ADVERTISEMENTS



National Insulator Association Scholarship Fund

**Attention young insulator collectors-
this scholarship is for you!**

Money for college \$1000/\$500 up to \$2000

Write a 300 word essay telling us how to spread the word about the hobby.

Go to <http://www.nia.org/scholarship>



Submission deadline is March 1

The Scholarship Application and Application Guide is available at:

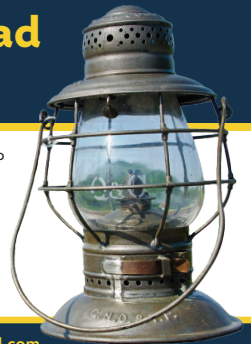
<http://www.nia.org/scholarship/>



Collect Railroad Antiques?

Since 1971, the Railroadiana Collectors Association Inc. has strived to educate and preserve the history of dining car china/silver, lanterns, porcelain signs, railroad art, timetables, locks and keys, builders plates, and all railroad related memorabilia. Join for \$42.00 per year (\$120 for 3 yrs.) to receive our full-color quarterly publication and connect with railroad antique collectors around the world. Email us for a free electronic copy of our current edition.

www.railroadcollectors.org/membership | joinRCAI@gmail.com



Hemingray Glass Co.

INSULATOR SPECIALIST • NIA #5185



CHRISTIAN E. WILLIS
mr.hemingray@gmail.com
www.hemingray.info
(949) 338-1404



ALL INSULATORS

Crown Jewels of the Wire

The official magazine for Insulator collectors since 1969

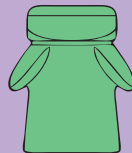


For more than 50 years Crown Jewels of the Wire has been the leading publication for glass and porcelain insulator hobby news, history, articles with columns devoted to worldwide insulators, show reports, in-depth research articles, meeting announcements, photos and other insulator information. There is something for everyone who enjoys insulators!

Being a quarterly publication allows the contributors to create some amazingly rich, well-researched articles. It is like getting a new book on insulators four times a year.

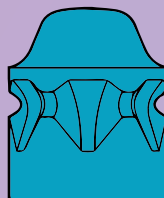
Some of the topics regularly covered are:

- Threadless insulators
- Porcelain insulators
- Insulators from around the world
- North American glass insulators
- Lightning rod insulators
- Research on historic lines
- Hunts and finds
- Upcoming insulator show information



NIA members discount!

All NIA Members get a \$3 discount when subscribing or renewing. If paying by mail, just include the coupon you received with your NIA membership and make check out for \$3 less. If renewing/subscribing online, email shaun@allinsulators.com for directions.



Subscription options

Print (USA)	\$45
Print (Canada)	\$60
Electronic.....	\$30
Print & Electronic (USA)	\$60
Print & Electronic (Canada).....	\$75

Subscribe online

You can subscribe online by credit card or PayPal at: <https://allinsulators.com/magazine/>

Subscribe by mail

Make checks payable to:
Hemingray Glass Company
Send to:
Hemingray Glass Co
P.O. Box 210145
Auburn Hills, MI 48321



DRIP POINTS Advertising Information

Help support the NIA's Drip Points by advertising. New rates below include discounts for multiple runs. We now offer classified rates also.

# of Issues	Covers*	Full Page (8" x 10")	1/2 Page (8" x 4.5" or 4.5" x 10")	1/4 Page (4.5" x 3.9" or 8" x 2.1")	1/8 Page (3.9" x 2.1" or 2.2" x 4.5")	1/16 Page (2.2" x 1.8")
1 Issue	\$135	\$90	\$50	\$30	\$18	\$12
2 Issues	\$257	\$171	\$95	\$57	\$34	\$23
3 Issues	\$379	\$252	\$140	\$84	\$50	\$34
4 Issues	\$497	\$331	\$184	\$110	\$66	\$44
5 Issues	\$614	\$410	\$228	\$137	\$82	\$55
6 Issues	\$729	\$486	\$270	\$162	\$97	\$65

* Back Cover (8.5"x8.5") Inside Back Cover & Inside Front Cover (8.5"x11")

Classified Ads:
10 cents per word, **15 cents per bold word**, \$2.50 min./per Issue

Size: _____ #Issues: _____ Cost per Issue: _____ Total cost: _____

Size: _____ #Issues: _____ Cost per Issue: _____ Total cost: _____

Size: _____ #Issues: _____ Cost per Issue: _____ Total cost: _____

Please supply camera ready artwork; preferred file formats include: PDF, TIF, JPG, DOC, DOCX.

Ads can be designed for an additional fee (please contact Doug Rusher at admanager@nia.org).

To receive the multi-issue discount, ads must run in consecutive issues with no changes.

Ads must be pre-paid. We accept PayPal (treasurer@nia.org) or checks payable to the NIA.

Ads must meet all postal regulations that govern publications mailed at Non-Profit Standard Mail postage rate.

Name: _____

Address: _____

City, St, zip: _____

Phone: _____

Email: _____

To place an ad, send form with payment to:

Doug Rusher

3370 Chance Ct.

Helena, MT 59602 admanager@nia.org

DRIP POINTS Publishing Schedule

Issue	#	Deadline	Mailing
February	1	Jan. 10	Feb. 1
April	2	Mar. 10	Apr. 1
June	3	May 10	Jun. 1
August	4	Jul. 10	Aug. 1
October	5	Sep. 10	Oct. 1
December	6	Nov. 10	Dec. 1



NEW FOR 2019

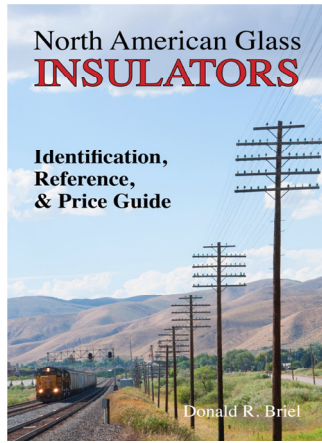
North American Glass Insulators – Identification, Reference, & Price Guide

- Several New CDs & CD Changes
- Numerous New Index Listings
- Numerous Added Color Listings
- Unverified Questionable Listings Removed
- New and Updated Appendices
- Updated Prices
- 14,500+ listings
- 388 pages – 6” x 9”
- Spiral Bound

Paper Edition -- \$49 ppd* in the U.S.

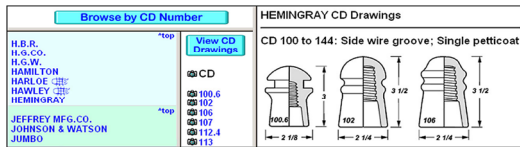
Paper Edition w/ Price Guide Browser
\$79 ppd* in the U.S.

* For delivery outside of the U.S. please contact Don Briel at Don.Briel@comcast.net or call (435) 753-5786 for current shipping cost and ordering instructions



Price Guide Browser by Bill Meier

Access Price Guide information on your phone or computer where you can look up prices and see the drawings with a few simple mouse clicks (*The Price Guide Browser is delivered via internet download*)



Visit: www.PriceGuideBrowser.com for a full demo

To order, visit: www.InsulatorPriceGuide.com or send check or money order to:

Donald R. Briel
P. O. Box 188 • Providence, Utah 84332
Contact: Don.Briel@comcast.net or (435) 753-5786

WANTED IN GREEN

CD 104 NEW ENG TEL & TEL

[075] Hemingray [070] Blot out embossing in Arc



\$\$\$ WAY MORE THAN BOOK CASH OR TRADE \$\$\$

Al Klaus (603)762-7457
cracker5150@hotmail.com

WANTED: Insulator collections big and small! Midwest collector will travel far and wide to make offers and give appraisals. I will pay TOP DOLLAR for yours! Please contact Andy Wadysz, 734-735-8376, awadysz@hotmail.com



CD COLLECTOR & MORE

Please contact me for a copy of my want list

also looking for:

Mint CD 206 Castle in Green
M-2795 Gutter Top with Glass Base
M-2636 Turquoise New Lexington

Spencer Garten
7087 Saddle Creek Lane
Sarasota FL 34241

PH 859-351-2617 (Call or Text)
Spencer.Garten@gmail.com



FREE NIA MEMBER CLASSIFIEDS

LARRY N. NELSON: FOR SALE: CD 788 Blackglass insulator with a restored skirt. If interested please call 802-244-5555 ask for Larry N. Nelson

ZAC MIRECKI: Collector seeks better: Tolls, Hi Tops, Foreign, GPCo, Hartford Faience, medicine bottles, and stamps. Email for want list. Zac Mirecki (860) 916-9014 zacharymirecki@protonmail.com

SEND IN YOUR FREE 25-WORD AD TO DRIPPOINTS@NIA.ORG.



DONATE TO THE NIA

A REQUEST FROM THE NIA DEVELOPMENT COMMITTEE

Dear Fellow Collector,

The NIA is a 501(c)3 nonprofit organization and as such, gifts may be tax deductible. Gifts of support will help the Association improve existing benefits and services as well as create new benefits and services for members and those collectors who are yet to become members. Your gift will allow the NIA to continue its mission to encourage growth and public awareness of the insulator hobby through collecting, dealing and educational endeavors. The NIA has identified four areas where donations will help create and enhance programs directed to that mission:

SCHOLARSHIP FUND: Currently the NIA can grant up to two scholarships totaling \$2,000.00 each year. Additional funding would give additional funds for future years; scholarship grants could be increased; or additional scholarships could be granted each year.

EDUCATIONAL RESOURCE DEVELOPMENT: There are projects that have been suggested but haven't been implemented for lack of funding such as the production of classroom video presentations, NIA traveling displays for use by learning facilities such as libraries, schools, museums and a Speakers Bureau. These are just a few of the new ideas for greater community awareness of our hobby.

NATIONAL & REGIONAL SHOW SUPPORT: The NIA has assumed a financial supportive role intended to assist National Show Hosts/Organizers in reducing their financial risk. With your donations the NIA could possibly increase advertising and promotional reimbursements, possibly provide all awards at National/Regional Shows and possibly provide financial assistance for Regional Shows.

INTERNET TECHNOLOGY: The desire for instant communication and information retrieval is with us and cannot be denied. For the association and the hobby to continue to grow it must have a strong presence on the Internet and social media. Donations in this area can help redesign the NIA web site, create videos for posting on social media, develop and present "live" shows including interviews, auctions and sales.

Amount of Donation		Donation Level	Donation Area (circle one)
\$ 0.00 -	\$ 49.99	Aqua	Scholarship Fund
\$ 50.00 -	\$ 99.99	Green	
\$ 100.00 -	\$ 249.99	Emerald	Educational Development
\$ 250.00 -	\$ 499.99	Carnival	
\$ 500.00 -	\$ 999.99	Amber	National & Regional Shows
\$ 1,000.00 -	\$ 2,499.99	Peacock	
\$ 2,500.00 -	\$ 4,999.99	Purple	Internet Technology
\$ 5,000.00 -	\$ 9,999.99	Cobalt	
\$ 10,000.00+		Hobby Benefactor	General Fund

Other Donation area: _____ Amount \$ _____

Amount Enclosed: _____ **Signature:** _____ **Date:** _____

Additional Information: _____ **If it is OK to list you as a donor, check here:**

Name: _____ Date: _____

Address: _____ Phone: _____

City: _____ State: _____ Zip: _____

Email Address: _____

All donors will be listed on the NIA website and any donors of \$50.00 or more will be listed in Drip Points.

Please mail form and payment (payable to NIA) to: NIA Treasurer, Bill Rohde, P.O. Box 28, Colusa, CA 95932

For additional information regarding gifts to the National Insulator Association, Inc., please contact the NIA Development Committee, E-mail address: donations@nia.org. Your gift is deductible, to the fullest extent of the law. The National Insulator Association (www.nia.org) is a 501(c)(3) non-profit organization.

Thank you for your support of the NIA!

THANK YOU FOR YOUR SUPPORT!

2022 NIA Donors & Sponsors

The NIA would like to acknowledge this year's Donors & Sponsors

Name		From	Level	Additional Information
Tommy	Bolack	New Mexico	Hobby Benefactor	Drip Points & General Fund
George	Snow	Utah	Carnival	General Fund
Dan	Gauron	Colorado	Carnival	General Fund
Howard	Huckle	New York	Emerald	General Fund
Bill	Sagatis	New York	Emerald	General Fund
Bob	Schwartz	Kansas	Emerald	General Fund
Anonymous		Maryland	Emerald	General Fund

Thank you for your support!

The list above is compiled from multiple sources and may not be complete. If you have donated this year, but don't see your name (unless you wanted to be anonymous), please contact the development committee chairman.



U-928 BOCH Patent in Butte Montana Photo by Justin Martin



NIA AFFILIATED CLUBS

THE FOLLOWING INSULATOR CLUBS ARE MEMBERS OF THE NIA



Central Florida Insulator Club
Jacque Linscott Barnes
3557 Nicklaus Drive
Titusville, FL 32780-5356
321-480-1800
bluebellwt@aol.com



Chesapeake Bay Insulator Club
Larry Novak
12604 Eldrid Court
Silver Spring, MD 20904
301-680-8910
cbic@clubs.insulators.info



Dixie Jewels Insulator Club
Bill Haley
215 McFarland Ave.
Chattanooga, TN 37405
423-756-4106
djic@clubs.insulators.info



Greater Chicago Insulator Club
Bob Stahr
360 S. Kenilworth Ave.
Glen Ellyn, IL 60137
630-793-5345
gcic@clubs.insulators.info



Golden State Insulator Club
Bob McLaughlin
2327 E. Goshen Ave.
Fresno, CA 93720
559-790-0194
rdmclau@comcast.net



Huron Valley Bottle & Insulator Club
Rod Krupka
2641 Echo Lane
Ortonville, MI 48462
248-627-6351
rod.krupka@yahoo.com



Insulator Collectors On the Net
Bill Meier
103 Canterbury Court
Carlisle, MA 01741-1860
978-369-0208
icon@clubs.insulators.info



Lone Star Insulator Club
Chris Renaudo
15707 Brookforest Dr.
Houston, TX 77059
lsic@clubs.insulators.info



Missouri Valley Insulator Club
Darryl Wagner
14615 NW Skyview Ave
Smithville, MO 64089
816-719-0801
mvic@clubs.insulators.info



North Western Insulator Club
Colin Yennie
504 White Birch CT NW
Oronoco, MN 55960 2030
507-289-1095
nwic@clubs.insulators.info



Triple Ridge Insulator Club
Dan Gauron
P.O. Box 1721
Colorado Springs, CO 80901
719-266-0181
danielgauron@yahoo.com



Western Reserve Insulator Club
John Hovanec
13009 Ridge Road
North Royalton, OH 44133
440-237-2242
wric@clubs.insulators.info



Yankee Pole Cat Insulator Club
John Rajpolt
17 Pheasant Lane
Monroe, CT 06468
203-261-1190
ypcic@clubs.insulators.info

Do you represent a local insulator club or other related organization? Become an NIA Affiliated Club today! See next page to apply for or renew your membership.



NIA MEMBERSHIP & RENEWAL FORM

Prospective members may join the NIA at any time; however, the "membership year" begins on January 1st and ends on December 31st. New memberships issued within three months of the beginning of the new membership year (October – December) will be good for the following calendar year. New members are entitled to all membership privileges immediately upon acceptance by the NIA. **If you are joining the NIA during the months of January through September, your membership will expire on December 31st of this Calendar year.**

Submit payment (**Payable to the "NIA" in U.S. funds**) to:

Andrew Gibson

5997 Springwater Rd.
Dansville, NY 14437-9772
membership@nia.org

Check class of membership:

- _____ Single/Family Membership w/Electronic Drip Points..... **\$30.00**
- _____ Single/Family Membership w/Printed Drip Points..... **\$40.00**
- _____ Single/Family Membership w/both Electronic & Printed DP... **\$45.00**
- _____ Junior Membership (under 18) w/Electronic or Printed DP..... **\$ 5.00**
- _____ Club or Organization..... **\$50.00**

Check years of Payment:

- Single year _____
- Multi-year _____

Please Print Legibly

Name _____
 NIA # (if renewal) _____
 Address _____
 City _____
 State/Province _____
 Zip/Postal Code _____ (+4) _____
 Country (if not U.S.) _____
 Telephone Number _____
 E-Mail Address _____

Additional Family Members residing in the same household at no additional cost.
 (e.g.: spouse, minor children or dependents)

Name	NIA # (if renewal)
1 _____	_____
2 _____	_____
3 _____	_____
4 _____	_____
5 _____	_____

(An e-mail address is required for electronic version of Drip Points)

Include me in NIA Hobby Directory: On-Line Yes No Printed Yes No

Include my USPS Address in: On-Line Yes No Printed Yes No

Include my Email Address in: On-Line Yes No Printed Yes No

Include my Telephone Number in: On-Line Yes No Printed Yes No

You may pre-purchase the next printed Hobby Directory for \$10.00 Yes

Fees to be submitted

Membership Amount: _____

Directory Amount.....: _____

Donation Amount.....: _____

If it is OK to list you as a donor, check here:

Signed _____ Date _____ Total Enclosed \$ _____
 Make Checks Payable to the NIA

NIA MEMBERSHIP BENEFITS

Revised January 23, 2022

- Connect to a worldwide network of over 1000 insulator collectors sharing information, history and the latest news on insulator collecting.
 - Receive electronic notification of upcoming events and current activity in your region of the country through the bi-monthly electronic distribution of the Drip Points Magazine (Also available in printed form).
 - Receive members only access to an enormous digital library of insulator catalogs, patents and insulator manufacturer history.
 - Find and meet other NIA members in your area for mentorship, visit & share collections and swap stories in person or on the NIA Facebook page.
 - Receive guaranteed early exclusive access to NIA National Shows to display, buy and sell insulators.
 - Compete for National Awards and Recognition for your displays, research and contributions to the hobby.
 - Start your own insulator reference library with the "NIA Resource Page", "Fake and Altered Insulators" and "What is an Insulator?"
 - Advertise your hobby passion through your complimentary NIA Decal, Membership Bars, Membership Card and free ad in Drip Points.
 - Use your membership to run for the National Insulator Association Board of Directors to shape the future of the hobby.
 - Contribute to a National Scholarship Program and financial support for NIA Show Hosts in your local area.
 - Continue membership to sustain these benefits and help raise the next generation of insulator collectors through your knowledge & engagement.
- Note: The NIA Member Handbook is available on the NIA website (www.nia.org/membership/index.htm).
 Hard copies of the Handbook are available upon request to the NIA Membership Director (membership@nia.org).





MERCHANDISE

SHOW YOUR SUPPORT WITH CLOTHING, BADGES & MORE



Embroidered Logo T-Shirts

Hanes Adult T-Shirt, Embroidered logo on front

Colors: Smoke, Smoky Graphite, Sky Blue, Electric Blue, Aqua, Dark Cobalt, Lt Brown Amber, Med Amber, Rootbeer Amber, Lt Olive Green, 7 Up Green, Dark Olive Green, Yellow, Golden Amber, Oxblood, Deep Red Amber

Price: \$17 (S-XL) \$20 (2X-3X)

Color(s): _____ Size: _____ Qty: _____

Shirt Sizing Chart			
S	32-34	XL	44-46
M	36-38	2X	48-50
L	40-42	3X	52-54

Special Orders: If you don't see a size or color that you'd like, contact us for availability and price.



Gildan Adult T-Shirt – Small logo on front, large logo on back



Screen Printed T-Shirts

Colors: Smoke, Smoky Graphite, Steel Blue, Peacock Blue, Dark Cobalt, Lt Brown Amber, Med Amber, Olive Amber, Rootbeer Amber, Apple Green, 7-Up Green, Olive Green, Yellow, Golden Amber, Flashed Amber, Oxblood

Price: \$17 (S-XL) \$20 (2X-3X)

Color(s): _____ Size: _____ Qty: _____



Button Down Shirt

Port Authority SanMar Blend, embroidered logo on front

Colors: Dark Smoke, Aqua, Cobalt, Lt Brown Amber, Yellow, Flashed Amber

Price:
Short Sleeve: \$32 (S-XL) \$34 (2X)
Long Sleeve: \$34 (S-XL) \$36 (2X)

Short or Long Sleeve: _____

Color(s): _____ Size: _____ Qty: _____



Hooded Sweatshirt

Gildan Adult Full-Zip Hooded Sweatshirt, embroidered logo on front

Colors: Medium Smoke, Cobalt

Price: \$32 (S-XL) \$36 (2X)

Color(s): _____ Size: _____ Qty: _____



Denim Button Down Shirt

Sierra Pacific, Short or Long Sleeve

Color: Aqua

Price:
Short Sleeve: \$33 (S-XL) \$36 (2X-3X)
Long Sleeve: \$36 (S-XL) \$39 (2X-3X)

Short or Long Sleeve: _____ Size: _____ Qty: _____



Crew Neck Sweatshirt

Gildan Adult Crewneck Sweatshirt, Screen print with small logo on front & large logo on back

Color: Smoke
Price: \$29 (S-XL) \$33 (2X)

Size: _____ Qty: _____



Un-Structured

Embroidered Caps

Colors (Un-Structured):

Smoke, Dark Smoke, Aqua, Cobalt, Lt Brown Amber, 7 Up Green, Olive Green, Yellow, Gold Amber, Flashed Amber, Pink, Oxblood

Colors (Structured with Mesh):

Khaki-Brown, Royal-White, Kelly-White, Red-White, Heather-Gray-Black, Royal, Cardinal, Gray-Charcoal-Black, White-Royal, Khaki-White

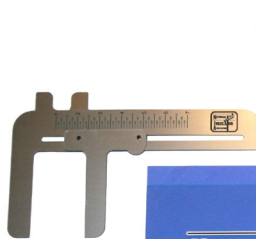


Structured with Mesh

Price: \$15.00 Cap Type: _____ Color(s): _____ Qty: _____

Insulator Caliper

Measures up to 7"
Plastic will not scratch insulators
Long outside & short inside jaws
Price: \$18 Qty: _____



~~20 oz. Copper-Lined Stainless Steel Tumbler
Yeti-like Stainless tumbler keeps drinks cold or hot for hours!
One color imprint (blue)
SOLD OUT~~



Tote Bags
Sturdy with white screen print NIA logo - Dimensions: 12 1/2" W x 13 1/2" H x 8 1/2" D; 14" handles
Colors: Sapphire, Light Brown Amber, Cobalt, Oxblood, Black
Price: \$8
Color(s): _____ Qty: _____

16 oz. Travel Tumbler
4 color imprint
Price: \$14 ~~\$10~~ Qty: _____ *On Sale!*

NIA Challenge Coin
2019; 50 Years of Meets & Shows; 2 sided
Price: \$10 Qty: _____

NIA Hat/Lapel Pin
Price: \$7 Qty: _____

NIA Collector's Patch
2 3/4" x 3 3/4" embroidered patch
Price: \$4 Qty: _____

NIA Name Badge Engraved; beveled edges; Magnetic back **Price:** \$18
Name Badge Engraving Information:

Name _____ NIA# _____ City _____ State _____
Name _____ NIA# _____ City _____ State _____
Name _____ NIA# _____ City _____ State _____

NIA Window Decal (Color)
For outside car window - 4 1/4 x 5 3/4
Price: \$7 Qty: _____

Badge Bar NIA or Club position, Club Bars, Show Bars, Awards or Custom Bars **Price:** \$5
Badge Bar Engraving Information: Custom Badge Bar:

Club Bar _____ Qty: _____ Line 1 _____
Show Bar _____ Year _____ Line 2 _____

NIA Window Decal (White)
For outside car window - 5 1/2 x 6 3/4
Price: \$10 Qty: _____

Insulator Collectors Hobby Directory - 2021/2022 Hobby wide directory to locate other collectors in your area or around the world **Price:** \$15 (shipping included) Qty: _____

Contiguous U.S. Postage Rates:

- \$9.50 for the first item of clothing, hat, tumbler, tote or caliper & \$3.50 for each additional item in same group.
- Patches & Badge Bars \$1.00 ea.
- Decals, Name Badges, Hat Pins, Challenge Coins..... \$4.00 ea.
- If patches, badge bars, decals, name badges, hat pins & challenge coins are ordered with clothing, there is no additional postage for these items.
- For postage outside the Contiguous U.S., please contact us for a quote.

Subtotal: \$ _____
U.S. Postage: \$ _____
Total Enclosed: \$ _____

Please make check or money order payable in U.S. funds to the National Insulator Association.

Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____
Email: _____

Please send detached, completed form and payment to:
Margaret Wagner, 14615 Skyview Ave., Smithville, MO 64089
(816) 719-0802 • niaproducts@nia.org

NIA Board of Directors

President

Darryl Wagner – NIA #8671
14615 NW Skyview Ave.
Smithville, MO 64089
president@nia.org

First Past President

Steve Roberts – NIA #7935
2404 Mansker Dr.
Madison, TN 37115
Istpastpres@nia.org

Western Region VP

Roger Ziesak – NIA #8919
8865 Grouse Dr.
Missoula, MT 59808
westernvp@nia.org

Central Region VP

Chris Hedges – NIA #15
621 W. 61st St.
Kansas City, MO 64113
centralvp@nia.org

Eastern Region VP

Gus Stafford – NIA #8871
816 Flintlock Ridge Rd.
Mechanicsburg, PA 17055
easternvp@nia.org

Secretary

Carolyn Berry – NIA #4336
1010 Wren Ct.
Round Rock, TX 78681
secretary@nia.org

Treasurer

Bill Rohde – NIA #1219
P.O. Box 28
Colusa, CA 95932
treasurer@nia.org

Membership Director

Andrew Gibson – NIA #2422
5997 Springwater Rd.
Dansville, NY 14437-9772
membership@nia.org

Information Director

Christian Willis – NIA #5185
P.O. Box 2797
Parker, CO 80134
information@nia.org

NIA Advisors & Committee Chairs

Ad Manager

Doug Rusher – NIA #1773
3370 Chance Ct.
Helena, MT 59602
admanager@nia.org

Authentication & Classification Advisor

Paul Greaves – NIA #2685
8830 Benton Acre Rd.
Granite Bay, CA 95746
authentication@nia.org

Awards & Recognition Chair

Ken Willick – NIA #3709
7349 Seneca Ave.
Lima, NY 14485
awards@nia.org

Commemorative Coordinator

Margaret Wagner – NIA #8711
14615 Skyview Ave.
Smithville, MO 64089
commemorative@nia.org

Development Committee Chair

Bill Rohde – NIA #1219
P.O. Box 28
Colusa, CA 95932
donations@nia.org

Directory Committee Chair

Nathan Holmes – NIA #4002
6570 Pawnee Cir.
Colorado Springs, CO 80920
directory@nia.org

Drip Points Managing Editor

Doug Rusher – NIA #1773
3370 Chance Ct.
Helena, MT 59602
drippoints@nia.org

Ethics Advisor

Daryl Stahler – NIA #8843
4622 N. Paseo Pitiquito
Tucson, AZ 85750
ethics@nia.org

Events Committee Chair

Gene Hawkins – NIA #421
3847 N. Prairie St.
Warsaw, IN 46582
show@nia.org

Finance Committee Chair

Bill Snell – NIA #2624
11427 E. Scarritt Ave.
Sugar Creek, MO 64054
finance@nia.org

Historian

Rick Soller – NIA #2958
4086 Blackstone Ave.
Gurnee, IL 60031
historian@nia.org

Product Manager

Margaret Wagner – NIA #8711
14615 NW Skyview Ave.
Smithville, MO 64089
niaproducts@nia.org

Promotions Committee Chair

Mike Green – NIA #3175
2513 S. Balsam St.
Lakewood, CO 80227
promotions@nia.org

Research & Education Advisor

Lee Brewer – NIA #6695
344 S. Main St.
Bellefontaine, OH 43311
education@nia.org

Rules & Procedures Advisor

Don Briel – NIA #7218
P.O. Box 188
Providence, UT 84332
procedures@nia.org

Scholarship Committee Chair

Tammy Brewer – NIA #6696
344 S. Main St.
Bellefontaine, OH 43311
scholarship@nia.org

Special Projects Advisor

Michelle Armand – NIA #9757
491 Scarey Woods Rd.
Plaucheville, LA 71362
projects@nia.org

Webmaster, Technology Committee Chair

Bob Berry – NIA #1203
1010 Wren Ct.
Round Rock, TX 78681
webmaster@nia.org

Drip Points Editorial Staff

Doug Rusher – *Managing Editor*

Christian Willis – *Assistant Editor*

Nathan Holmes – *Assistant Editor*

Mike Green – *Assistant Editor*

International Article Coordinator

Mike Doyle – NIA #5932
1805 East Country Ct.
Visalia, CA 93292
international@nia.org



Bill and Jill Insulators

www.billandjillinsulators.com

auctions@billandjillinsulators.com

Bill and Jill Meier • 103 Canterbury Ct

Carlisle, MA 01741 • 781-999-3048

Auction 155 *and more!* coming soon!

We are planning two more auctions for this year.

Accepting consignments!

We have just started assembling items for these auctions and only a very few of them are shown below.



Auction 154 was a great success!

Thanks to all the bidders,
winners and consignors!

Bill and Jill



National Insulator Association
 10801 N. 24th Ave. Ste. 103
 Phoenix, AZ 85029-4712



DARIO DIMARE

FREE APPRAISALS

DARIO@DARIODESIGNS.COM

COLLECTING INSULATORS SINCE 1967!

WILL BUY ONE PIECE OR AN ENTIRE COLLECTION

318 MAIN STREET, NORTHBOROUGH, MA 01532

DARIO DIMARE

CONSIGNMENTS ACCEPTED

617-306-2420