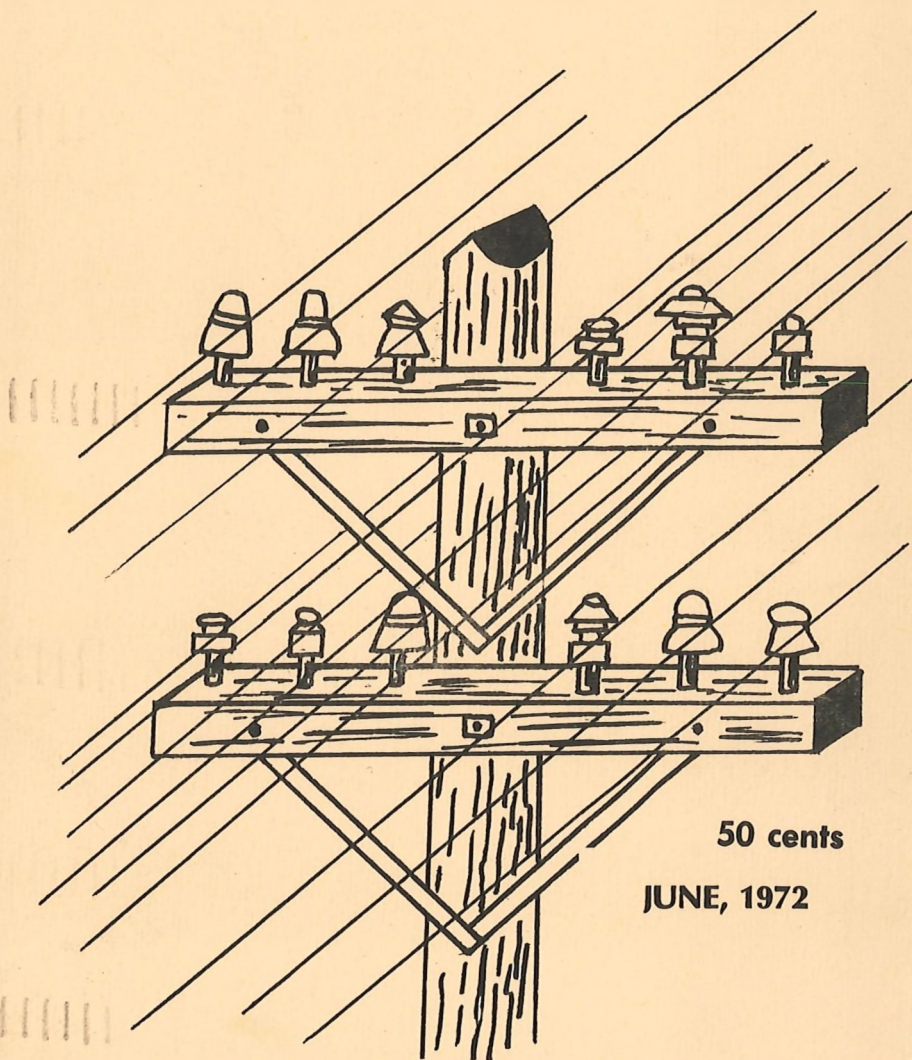


CROSS ARMS

*an eastern
insulator collectors'
magazine*



50 cents

JUNE, 1972

367 Signal Hill Road
King of Prussia, Pa. 19406

CROSS ARMS

An Eastern Insulator
Collector's Magazine

Vol. 1. No. 5

June, 1972

Editor James Garrity
Production Catherine, Mary Alice Garrity, Edward Szymala

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TABLE OF CONTENTS

CD of the Month (409)	16
Classified Ads	28
Insulator Research by Penni Branham	11
Knowles Patent courtesy of George Lahm	10
Know Your Collector	8
Lancaster Bottle Show	6
Letters to the Editor	14
Market News	19
Middletown Show	25
Patent Information	20
Rate Page	27
Shows & Swaps	2
Title Page	1
Westerville Show	7

CD of the month for July is 257

SHOWS AND SWAPS

This section is free of charge to anyone interested in having an announcement of their coming show published. We would be glad to print any information you would like to send to us. The guide for the calendar is as follows:

(B. S.) for bottle show.

(I. S.) for insulator show and swap.

(+) indicates that more information is available on the following pages.

CALENDAR

JUNE

- 4 (I. S.) Reelsville, Ind. 2nd Ins. Show Putman County Fairgrounds.
9, 10 (I. S.) (+) Frankfort, Kentucky
10, 11 (I. S.) Coalinga, Calif.
11 (B. S. & I. S.) Middletown, Conn. Xavier High School.
17, 18 (B. S.) Birmingham, Ala.
24 (I. S.) (+) Vienna, Va., Eastern Insulator Club, Volunteer Fire Dept.
24 (B. S.) Iron River, Mich. St. Agnes Church basement.
24, 25 (B. S.) Gulf Gate Shopping Center, Houston, Texas.

JULY

- 1, 2 (I. S.) (+) Kansas City, Mo., President Hotel
1, 2 (B. S. & I. S.) (+) Portsmouth, Maine.

AUGUST

- 6 (I. S.) (+) Bergenfield, New Jersey.

SEPTEMBER

2, 3 (B. S. & I. S.) Sports Arena, Hutchinson, Kans.
24, 25 (B. S.) Washoe County Fairgrounds, Reno,
Nevada.

OCTOBER

1 (I. S.) (+) Middletown, N. Y., B. S. Enterprises.
14, 15 (I. S.) (+) St. Charles, Ill. Kane County Fair-
grounds.

JUNE 9-10

An insulator show and sale will be held at the Mill-
ville Grade School located 4 miles east of Frankfort,
Kentucky. Table fees are 1 day-\$5; 2 days-\$8. Ad-
mission will be \$.50. For more information call
or write: Wayne A. Moore, 124 Meredith Ave.,
Frankfort, Kentucky 40601 Ph. (502) 875-3352.

JUNE 24

An insulator swap meet will be held by the Eastern In-
sulator Club on June 24th at the Vienna Volunteer Fire
Department located at 400 Center St. South in Vienna,
Va.

The meet will be open to the public from 10 a. m. to
7 p. m. Cost per table for non-members, \$5; for table
for members who wish to sell, \$3; members displaying
only, free; visitors and non-displayers, \$.50, child-
ren under 12 free. Tables are banquet size, but are

limited in number, so reservations should be made in advance with Davy Crockett, Club President, 5710 Belfast Lne., Springfield, Va., 22150. Awards will be given to displayers in three categories, Beginners Glass, Advanced Glass and Ceramics; and for the most interesting or unique display, etc. "CROSS ARMS" will be giving its first ribbon at this show. Judging will be done by all in attendance. There will also be several door prize drawings. It should be noted that paid tables receive free refreshments and that refreshment concessions will be available at the meet for others participating.

JULY 1 & 2

A bottle show will be held at the Portsmouth Senior High School gymnasium by the New England Bottle Club.

As an added attraction the show is having the auction again this year on Saturday and extending the show to one additional day. There will be room for about 100 tables. All tables will be 8' x 2 1/2'. All tables must have covers. No reproductions will be allowed unless they are marked as new.

Anyone interested in attending the show may write: John W. Morgan, P.O. Box 24, Portsmouth, N.H. 03801 (603) 436-2545. For the auction write: Robert Heath, Union, Maine. (207) 785-4228.

JULY 1 & 2

The Third National Insulator Show will be held at the President Hotel, Kansas City, Mo. A National Insulator Club is trying to be formed and they plan to vote for them on Saturday. For more information

contact: Mr. & Mrs. Si Pellow, 8708 E. 97th Terr.,
Kansas City, Mo. 64134.

AUGUST 6

Mid-Atlantic Collectors Association is now in the process of organizing a show and swap meet. Scheduled for August 6th, 9 a. m. to 6 p. m.

It will be held at the Bergenfield Recreation Center, 47 Legion Drive, Bergenfield, New Jersey.

Reservations will be the \$5.00 per table. Doors open for table holders at 8 a. m. Admission for general public 75¢. For more information contact Jerry Wagner, 15 N. Demarest Ave., Bergenfield, New Jersey. Ph. (201) 384-5213.

OCTOBER 1

The second insulator show and trade will be held by B. S. Enterprises on October 1st in Fancher Davidge Park, Middletown, New York. Each shelter contains twenty 12 foot tables for which a six foot table length reservation is \$3.00 and a 12 foot table is \$6.00 including admission. Admission for all people without tables is \$.50. Set up time is 9 a. m. with general admission open at 10 a. m.

Trophies and free door prizes will be awarded. Coffee, soda and hot food will be available for reasonable prices.

Please have reservations in by Sept. 23rd. Write to B. S. Enterprises, 40 Lafayette Ave. Middletown, New York.

OCTOBER 14 & 15

The first Annual Chicago Mid-West National Insulator "Jumbo" show will be held at Kane County Fairgrounds in St. Charles, Illinois, October 14 and 15.

There will be room for over 200 tables and display tables will be \$10.00 per day, booths (3 tables) will be \$25.00 per day. For reservations and further information call (312) 766-3705 or write: Dick Augustyn, 650 South Harvard Ave., Addison Ill, 60101 or Larry Veneziano, 324 Hawthorne Dr., Bensenville, Ill. 60106 (also see ad this issue).

LANCASTER BOTTLE SHOW

The Lancaster bottle show held in Lancaster, Pa., on May 7 hosted four insulator dealers. Most of the bottle people also had some insulators at their stands. The show drew over 1,800 paid attendee's from Del., Pa., N.J., and Va. Some of the insulators for sale were Jumbos, Castles, Bostons, Carnival 171, Columbias and cork screws. A Chicago dome embossed, aqua mint went for \$70.00

First prize for the best in show was won by Fred Garner, and second prize was won by Charles Irons.

WESTERVILLE OHIO SHOW

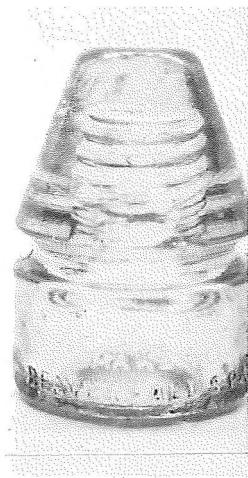
An insulator show and swap was held May 13, 1972, in Westerville, Ohio, at the Grange Hall. 48 collectors and dealers were set up for buying, selling and trading. The show was visited by about 300 people, which resulted in some fast paced and rewarding action for most everyone. Pictures show hosts, winners and some of the insulators on display and for sale. More pictures of the various shows and insulators are on page 24



Hosts from l to r: Ed Hollar, Tom Weitendorf, Don Bauman, "Pete" Bishop, John Borrows.



Crown Jewels winner: Jerry Turner of Goshen, Ohio



Embossed Paisley

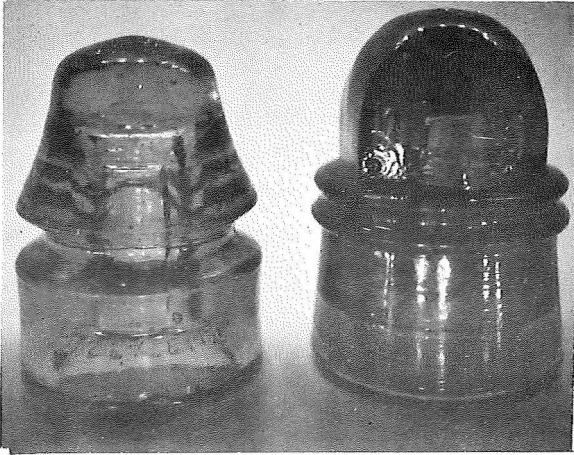
KNOW YOUR COLLECTOR

Collector of the month for June is John Hewitt of Stockton, N. J., and his son, John. They have been collecting for about 3 1/2 years. Their nice display of Harloe's, assorted threadless and Boston Bottle Works has won them several ribbons.

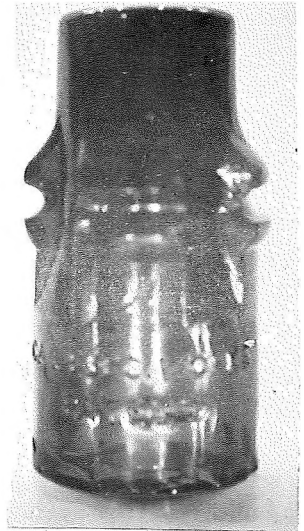
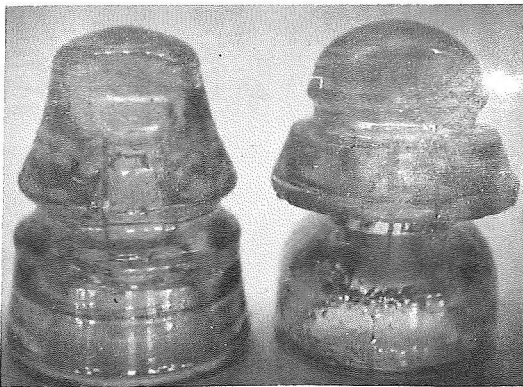
Below are John and his son and on the following pages a few of their collection pieces.



CD 316 embossed Brookfield



l to r: Embossed around pin hole: Oakman's patent October 15, 1872 (pin slot); embossed on inner skirt Boston Bottle Works patent applied for (barrell Boston) ; unembossed NY & ERR.



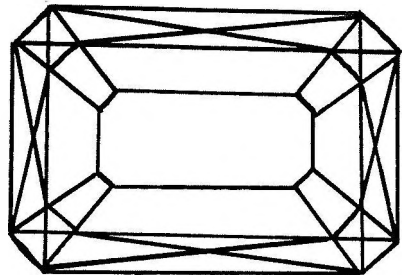
l to r: Boston signal rim embossed : Boston Bottle Works Oakmans Patent July 26, 1870 (inner skirt threadless with two slots); on skirt F: Oakman's patent date and B: Boston (?) #9 (?) also on pin hole Oakmans patent date; California Electric Works in cobalt blue.

KNOWLES TRADEMARK PATENT
Courtesy of George Lahm

Be it known that I, Charles S. Knowles, residing at New Bedford, and doing business at 7 Arch Street, Boston, Mass., have adopted for my use a Trade-Mark for Electrical Glassware of which the following is full, clear, and exact description.

My trade-mark consists of the word "Emerald" and the representation of an emerald. This has generally been arranged as shown in the accompanying facsimile, but may be otherwise arranged without altering the character of the trade-mark, the essence of which is the word "EMERALD" and the representation of an emerald.

EMERALD



This trade-mark has been continuously used in my business since Dec. 1, 1901. It is usually displayed as a part of the glassware itself, the representation of an emerald being molded with the glassware either in a recess in the glassware or raised slightly above the surface of the glassware. It is also usually displayed on packages containing the goods by placing thereon a printed label on which the words "Emerald Glass" and a cut of an emerald are printed, and these words and this cut are also used in catalogues, letterheads and other printed matter.

INSULATOR RESEARCH

by Penni Branham

I thought you would like a few little articles I came across in my travels. I know you are interested in the Emminger because you featured it in the magazine a month or two ago so here is the only reference I ever found to it. It came from the "Journal of the Telegraph", March 15, 1872. This was a journal of the trade that came out every two weeks. Some of it was interesting, but much was rather technical, and most did not refer to actual line operation. However, I was able to pick up a few interesting items.

"Experience is a good teacher, and when a man working at his trade, invents anything by which to facilitate or improve his labor it has the assurance of a practical value. We have just been called upon by Mr. David Emminger, a practical telegraph repairer from Harrisburg, Pa., (where we first commenced our telegraph career), with a glass insulator of what strikes us as an improved form, and with a novel addition to it. The insulator is four and one-half inches long, diameter one and a quarter inches at top and three inches at the edge of the bowl or water drip. The peculiarity of the form is, that the sides are perfectly straight from the top to the water drip, by which the rain runs steadily off and perfectly cleanses the glass. This was proven by an insulator taken from the line which on its upper slope was clean, but on its lower and perpendicular side was coated with the smoke deposit from passing cars.

The chief feature of the insulator however, is that about an inch and a half from the top four triangular glass lugs are formed on the cylinder, with a slot in each for the reception of the wire. On two of these the

main wire rests touching only the edges of the two lugs, and the binding wire the other two. Thus the bearing of the wire on the glass is reduced as in the Chester insulator to a minimum, but without the use of a metallic yoke as in the Chester. "

In the above article, a few things can be noted: first, the editorial "we"--I think the editor of the "J. fo the T." at the time was James D. Reid, in fact, I am pretty sure. He was a Penna. boy, as was David Brooks. Next, we can see the "smoke from the passing cars" refers to train cars, so the Emm. must have been used, which I sure didn't know before.

Since the Emm. is compared to the Chester, I thought I would send my only little article on that. Actually, it is only part of the article. This was written about mid-1872 in "The Telegrapher. "

"... seems to present as nearly a perfect insulating arrangement as is possible with glass. A recent improvement upon this insulator adds very much to its insulating properties. In casting the insulator, four projections are left, with raised teeth, which cut a thread upon the pin as it is forced into the socket. By this means the surface contact between the glass and the pin is reduced two-thirds without impairing the strength or durability of the insulator. Besides this a drip is cast which prevents to a considerable degree the collection of moisture in immediate contact with the pin. "

This was always called the "Chester Patent Insulator" and definitely refers to the insulator patented by Stephen Chester. He was, I think, the younger bro-

ther of Charles T. and John Chester, the wonder boys of 104 Centre Street, N. Y. He was in business in Phila. with a guy named Partrick (Chester, Partrick & Co.) building telegraph lines, and selling all manner of instruments. I forget when these guys broke up, but Partrick went into partnership with a man named Carter, and if you look around, you can see stuff with their name on it. At the Reading flea market one Sunday I found an old bell (alarm) with Partrick & Carter, date and address--I badly wanted it, but the old gentleman said no. Also, at Ithaca, I met a fellow who has a tel. instrument with P & C on it.

Well, getting back to Chester, maybe Col Stephen went back to N. Y. to help out his older brother with the business (John died in 1871, I think). In any case, I'll betcha the brothers were always in cahoots even though they were in separate cities, rather than in competition. They all used to advertise in the "Telegrapher" faithfully. And Charles was advertising Stephen's insulator.

The Chester insulator itself was advertised in "The Telegrapher" through the latter half of 1871 and a good part of 1872 every week. It was very kind of the editor of the Telegrapher to write a little article on it--actually, he better have, as the Chesters were good customers of his as far as advertising. The magazine was really down on glass insulators--every editorial on insulation put them down--when the Brooks insulators came out in the 60's the Tel. practically begged people to try them, and issue after issue had some sort of editorial praise for them. So it was a bit surprising to see this little blurb for the Chesters, until you look at the advertising pages.

LETTERS TO THE EDITOR

Dear Jim,

Enjoy your publication very much, it was much needed and well appreciated by us, the east coast collectors, much luck.

I live in Millville, N. J., probably best known for the Whitall-Tatum Co. which was located here, now Kerr Glass Co. The Whitall-Tatum #1 carnival I have was not made for commercial use. In 1932 W. T. Co. made a golden wedding anniversary bottle, during the process some employee must have made the #1 carnival as a souvenir or a gag. Nevertheless it is a good conversational piece. I know of only two of them. Mr. Perry from Bridgeton has one & myself. The #62 amber is a little larger than the 5-11-A and the wire groove is wider. It is embossed: F-Whitall-Tatum Co. 62; B-MADE IN USA. ▽ note the mold no. 05

Armstrong 51C1-A seems to be scarce also. Anything we can help you with in reference to W. T. or Armstrong Co. don't hesitate to ask.

* * * * * Best Regards, Bob Moss
* * * * *

Thanks, Bob. Bob sent us some nice pictures of his insulators but unfortunately they would not reproduce. We're sorry because we're sure you would have enjoyed them.

Dear Jim,

I appreciate your information and now I'd like to pass on a little, you may already know this, but interestingly enough the French emb. L'ELCTRO VERRE on insulators of probable French manufacture translates as The Electric Glass or just Electric Glass.

(I'm a French student)

Mike Bonne

There are three different sizes of the Harloe "claw". All carry the same three patent dates with each having a different (code?) number. At this time there is no information on why the different numbers were put on these insulators. Below are pictured the three known Harloes. The pictures were taken from the collection of John Hewitt of Stockton, N.J. We have listed these insulators "A", "B", and "C".

"A" is copied off the ceramic style Harloe and has a short inner skirt with wire locks.

"B" is the large Harloe with a straight thru wire groove. It has a very short inner skirt.

"C" is the smaller of the three and has no inner skirt.

List of Embossings : All carry the embossing:

HARLOES PATENT

Mar. 21, '99

Mar. 12, '02

Dec. 9, '02

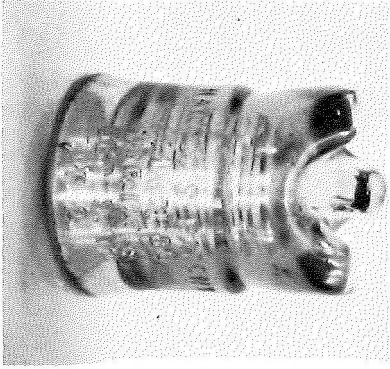
BACK:



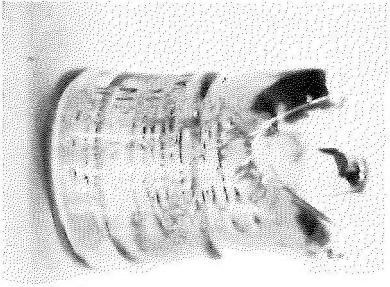
"A" has a number P2,

"B" has P2S

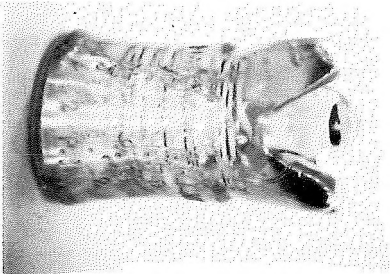
"C" has 12P1



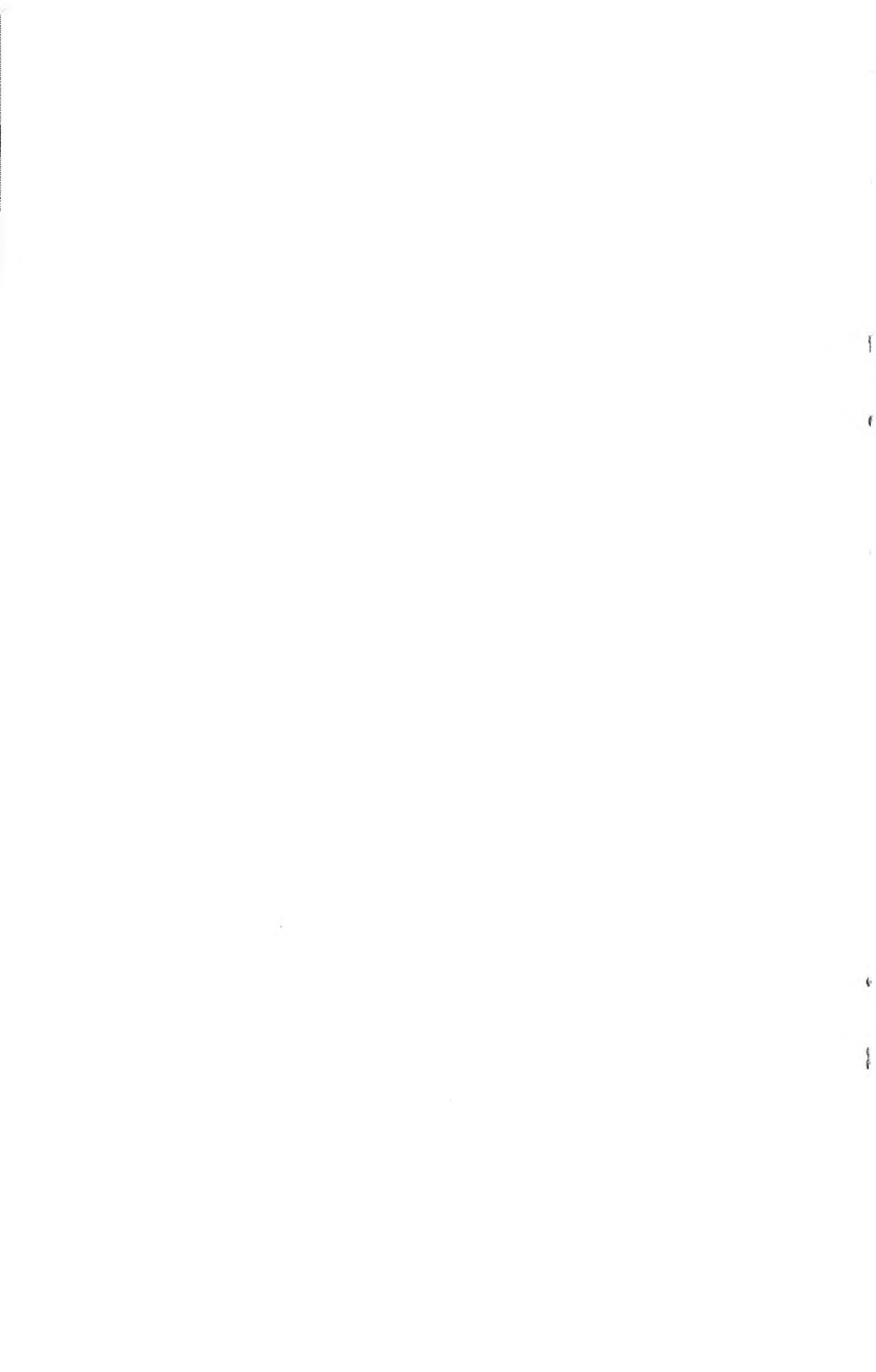
A



B



C



MARKET NEWS

PORCELAIN BOOK

Porcelain collectors a must for you is Jack Tod's book PORCELAIN INSULATORS. It is a hardbound book which gives you a very complete knowledge of the manufacture and use of porcelain insulators. It gives a long deep look into insulator companies, their founding and demise. It also helps to identify many porcelain insulators which have no markings. Jack has given Universal Style numbers to all the different shapes in an attempt to help the collectors communicate among themselves. His method of pricing is unusual, but--it seems to work.

Going prices of Insulators at the shows.

<u>Manufacturer</u>	<u>CD</u>	<u>Condition</u>	<u>Color</u>	<u>Prices</u>
<u>Westerville Show</u>				
Hem.	141	mint	green	\$5.00
Hem. 9	106	mint	jade milk	8.00
Gayner 620	252	mint	aqua	30.00
Pyrex 63	234	mint	carnival	6.00
Manhattan (no date)	256	mint	aqua	30.00
<u>Middletown Show</u>				
Knowles	190/91	mint	aqua	65.00
BBW(rim emb)	158	mint	aqua	175.00
Ceramic cutter --		mint	brown	20-40
GNW	145	mint	purple	10-15
Hem. Colum.	263	mint	aqua	125-150
No Name Diamond	190/91	mint	purple	35.00

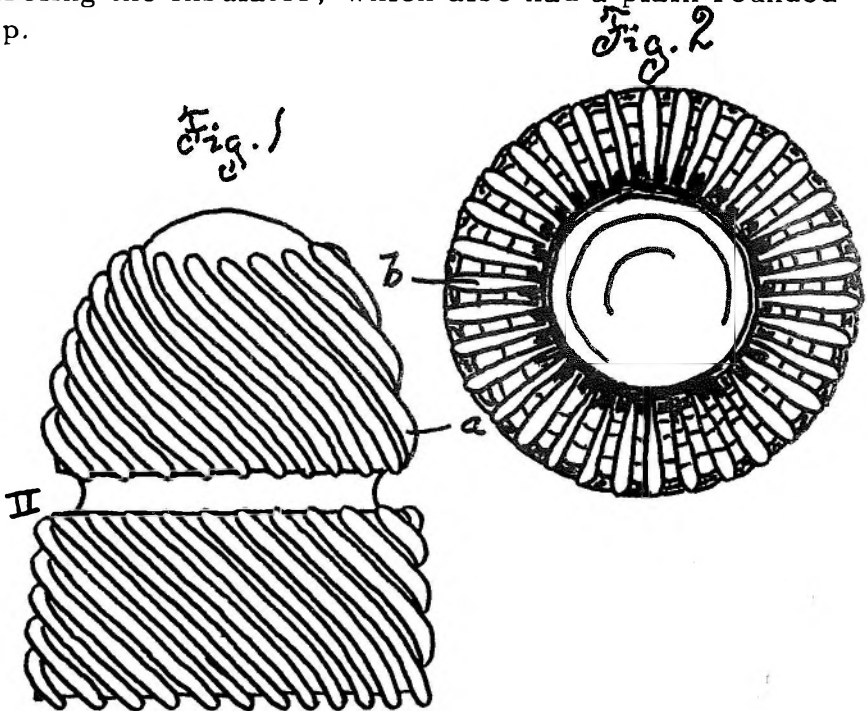
PATENT INFORMATION

Serial number 31,798

This is a patent by Frederick Henry Withycombe from Montreal, Canada. He claimed to have invented and produced a new and original Design for Insulators.

Figure 1 is a side elevation showing the design, and Fig. 2 a plan view of the under side thereof. The leading feature of the design consisted of the oblique ridges extending over the exposed portion of the side as at "a". Fig. 1. and over the bottom edge, as at "b".

Fig. 2 showed the usual central horizontal groove encircling the insulator, which also had a plain rounded top.



Patent #114,924 by Stephen Chester of Elizabeth, N. J.

His invention consists in the method of attaching the telegraph-wire to the ordinary glass, porcelain, ebonite or other insulator by means of a solid metal ring with projections which touch the insulator only at three sharp points.

Chester claimed that the "tie wires" used on insulators afforded routes of escape from the telegraph-wire to ground, because it touched every portion of the circumference of the insulator. Also, because the "American compound wire" was used, the tie-wire destroyed this wire by causing the outer covering of copper to crack and the inner core of steel to be exposed.

Referring to the accompanying drawing--Fig. 1 is an enlarged view. "A" represents a ring of metal. "B B", two solid points projecting from the interior of the ring toward the center and "C", a pointed screw passing through a portion of the ring, enlarged for that purpose.

The points formed by "B B" and "C" did not need to be equal in distance but could stand in such relative positions that when the point "C" was withdrawn by turning the screw, the apparatus could be easily slipped over the insulator until the points "B B" were in the groove of the insulators, and then secured by screwing the point "C" forward until it touched the insulator lightly.

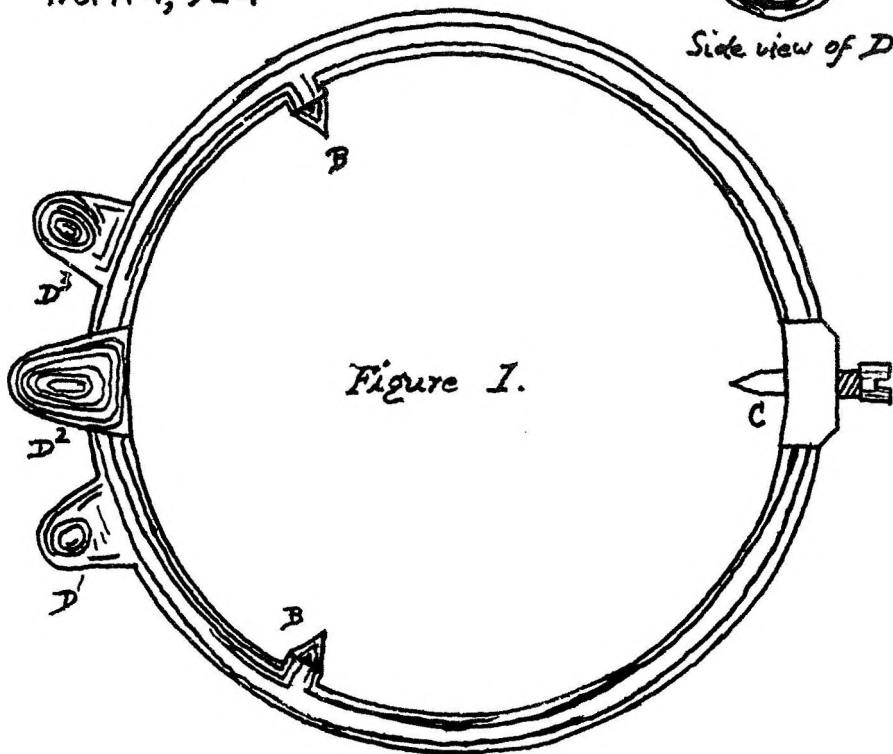
The three hooks, "D¹, D³" turning in one direction and D² in the opposite, were intended to receive and support the wire.

It was not intended that the screw should be turned forward so far as to clamp the ring firmly, nor that the telegraph-wire should be rigidly held by the supports. If these conditions were observed, the insulator was not suppose to be easily broken by the contraction of the ring, and that if the telegraph-wire should suddenly break on either side of the insulator, the ring would instantly be revolved in the direction of the unbroken side, thus bringing the three hooks into such relative position as to cramp the telegraph-wire and thus prevent its escape.

S. CHESTER
May 16, 1871
No. 114,924



Side view of D



EASTERN INSULATOR CLUB

show,
swap
meet

june 24th vienna, va.

Vienna Volunteer Fire Department
400 Center Street South
Vienna, Virginia

Open to Public from
10 a.m. till 7 p.m.

Entrance Categories:

Beginners Glass
Advanced Glass
Ceramics

Cost per Table:

Non-Members -- \$5
Members, Selling -- \$3
Members, Display -- free

Visitors & Non-displayers, admission 50¢

Children under 12, free

AWARDS

CROSS ARMS will be giving its first ribbon

Refreshment Concessions

DOOR PRIZES

For reservations or further information,
O.B. Crockett, President
Eastern Insulator Club
5710 Belfast Lane
Springfield, Va. 22150

Westerville Show.

Right-CD 162

Front: ~~☼~~

Back: Hawley

Pa. U. S. A.

Left-new find

CD ? Front:

~~☼~~ over

Hawley Pa. U.

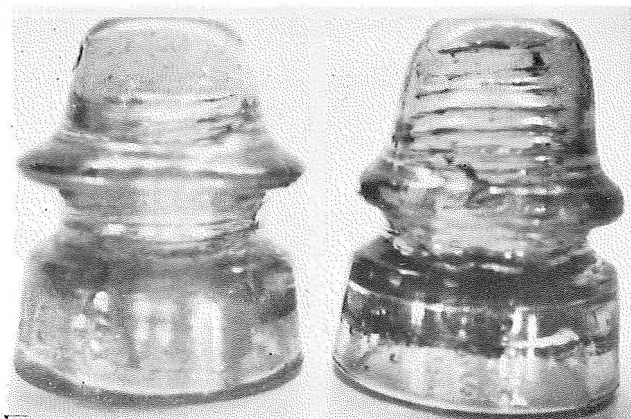
A. S. Courtesy

of Brad and

Nancy Cook of

N. Y. and

Dolph and Lucille Barlow of Pa.



l to r: CD 134

O. V. G. (new

find); Cable

top-embossed

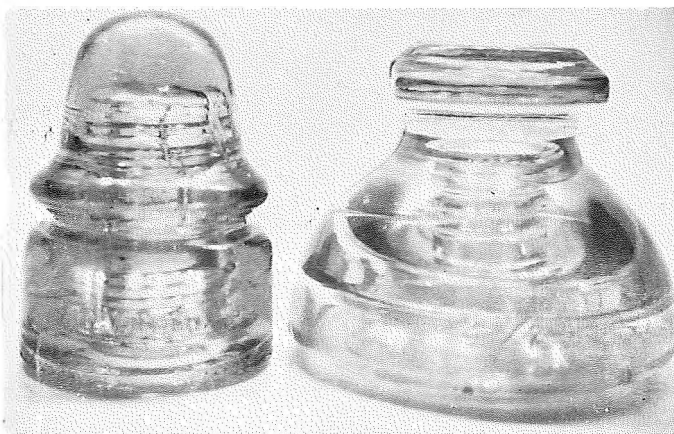
4 1/2 and

Knowles prism

Courtesy of

Dick Augustyn

of Ill



Am. Tel &

Tel and a por-

celain (skyblue)

(dome emb.)

M & H May

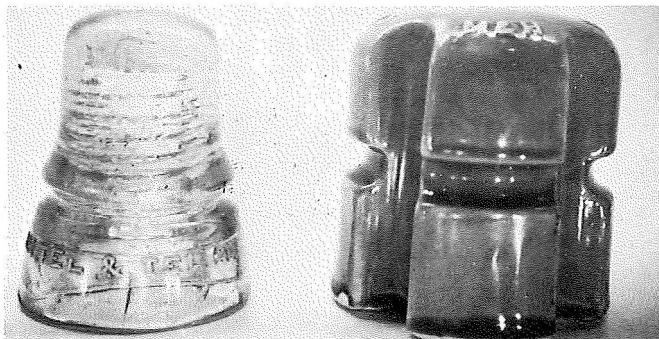
18, 1915 Cour-

tesy of

Steve and Pat

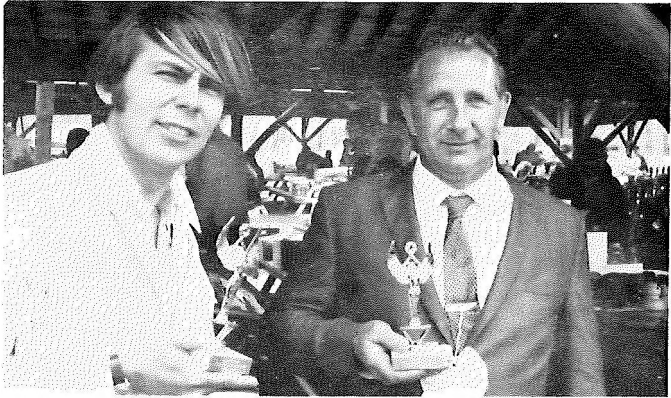
Freedman of

Conn.

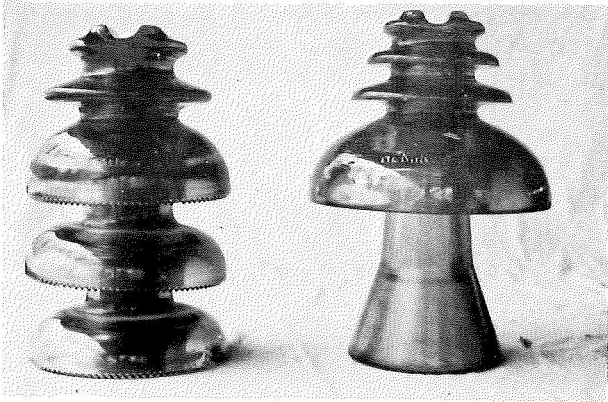


MIDDLETOWN, N. Y. , SHOW

On May 14, Charles Breiner and John Salvagin of B. S. Enterprises held an Insulator Show and Swap Meet in Middletown, N. Y. This is a semi-annual event, and everyone looks forward to it. Even at this printing John and Charlie are making plans for the October meet. Pictures are of the meet and some of the glass that was there.

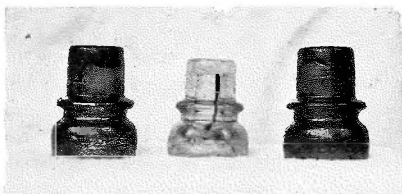


Award winners: left, Barry Stickney-Best in Show; right, John Hewitt-Most Informative.

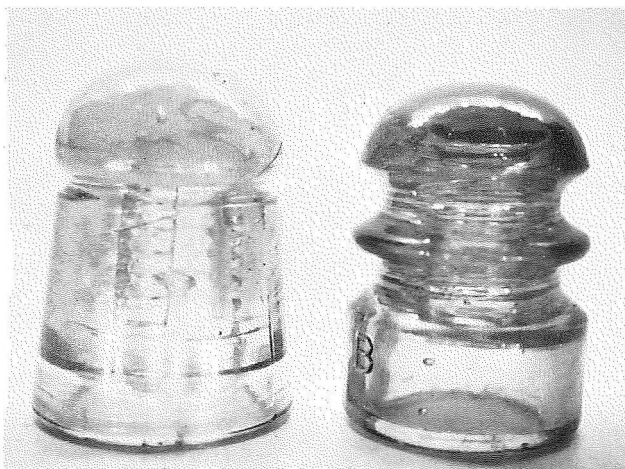


left to right: Hemingray Stacker and O Provo from Russell Sprague of Maryland.

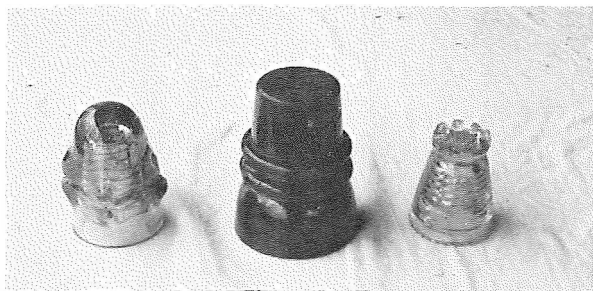
Middletown show.



left to right: threadless, embossed chester-Mulford and U. S. Tel. Graham Barnes of Painted Post, N. Y.



left to right: rim embossed American (blob top)-CD 117 embossed B. From Russell Sprague of Maryland.



left to right: Gregory-(Jumbo) threadless-castle. From Steve and Pat Freedman of Wallingford, Conn.

ADVERTISING RATES are as follows:

Display ads:

1/4 page - \$5.00 per issue

*\$12.00 per three issues

1/2 page - \$10.00 per issue

*\$25.00 per three issues

Full page - \$18.00 per issue

*\$45.00 per three issues

Classified Advertising:

\$.05 per word (minimum \$1.00). The closing date for material will be the 10th of the month preceding the month of the issue.

Ads received too late for the deadline will be run in the next issue.

We accept no responsibility for errors except to reprint the incorrect portion of the ad in a later edition. We will do our best to make sure all advertisers are reliable but cannot be held responsible for the validity of their copy nor for their performance.

Send black and white prints or copies as they will reproduce with more satisfactory results. All material will be returned to the sender if specified, all other material becomes the property of CROSS ARMS.

*This is a slight change from our original price list.

CLASSIFIED ADS

WANTED: CD 104, 143, 145 -- need uncommon to "hard to get". Mike Bonne, RR#1 Knightstown, IN 46148.

FOR SALE: From the 1972 Suggested Insulator price list. By Milholland. Listed by line number, some items in short supply. Send no money until condition and price has been agreed upon. We have to offer:

Line-1 2 5 16 22 26 29 41 42 47 55 57 74 86 91 95 99 100
101 102 103 104 105 108 117 129 130 139 145 149 153 154 155
168 170 182 188 189 195 196 216 222 225 233 235 239 245
250 256 258 259 266 271 276 277 280 284 286 288 293 294
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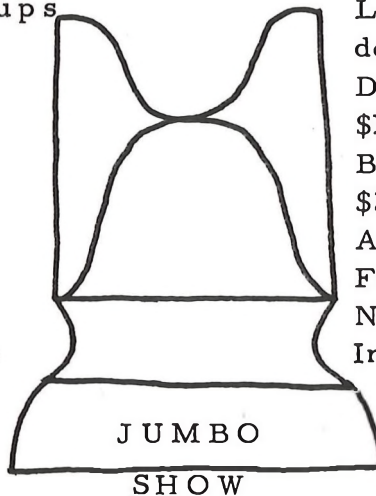
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