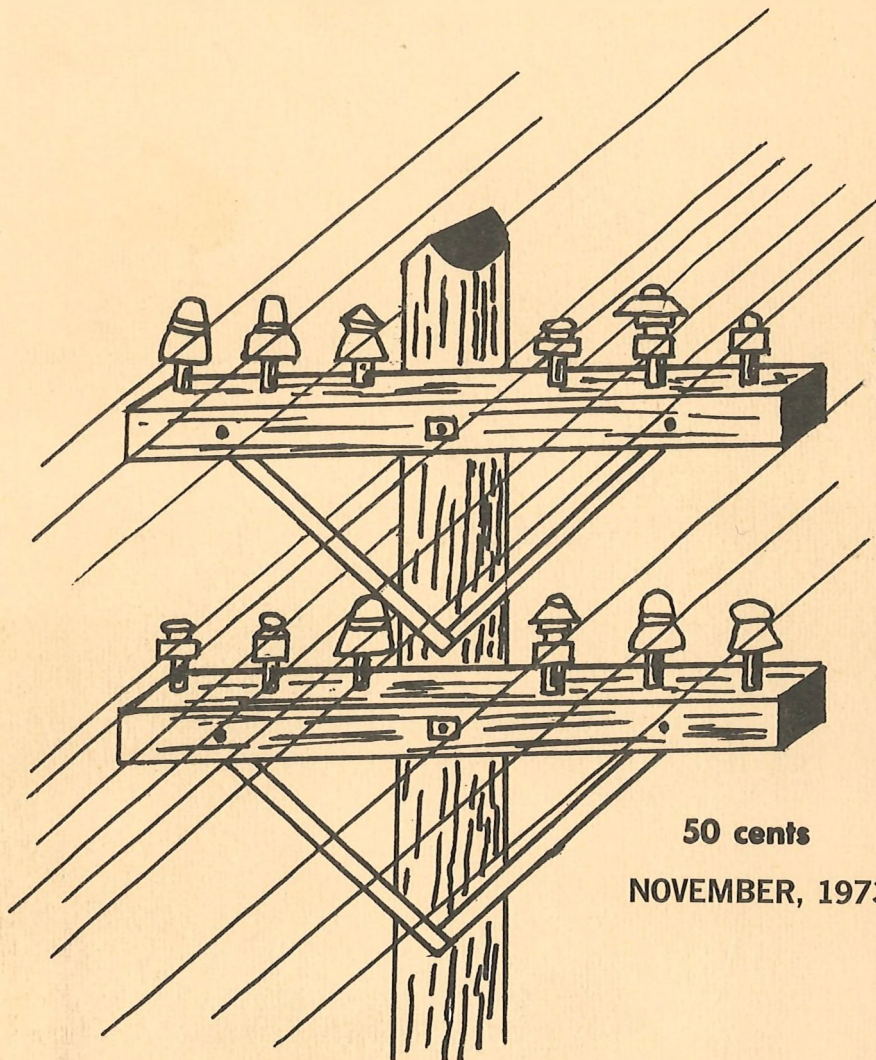


CROSS ARMS

an
insulator collectors'
magazine



50 cents

NOVEMBER, 1973

367 Signal Hill Road
King of Prussia, Pa. 19406

CROSS ARMS--dedicated to enriching the knowledge of the insulator collector, and enlarging the ranks of the insulator collecting hobby.

PUBLISHING POLICY

1. CROSS ARMS will publish any information available concerning insulator shows and swap meets.
2. Any information received by CROSS ARMS before the 15th of the month will be published and in the hands of our subscribers by the 5th of the next month.
3. All ads are kept confidential until they are published.
4. 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. We accept no responsibility for errors except to reprint the incorrect portion of the ad in a later edition.
5. 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.

CROSS ARMS

An Insulator
Collector's Magazine

Vol. 2, No. 10

November, 1973

Editor	James Garrity
Western Representative	Addie Tasem
Production	Catherine, Mary Alice Garrity, Edward Szymala

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SHOWS AND SWAPS

NOVEMBER 4 Springfield, Virginia

Eastern Insulator Club presents its fall show in Springfield, Virginia, at the Springfield Mall Shopping Center. Info: Jim Barron, 6815 Darby Lane, Springfield, VA 22150 (703) 971-1647

NOVEMBER 4 Sidney, New York

Show & Sale, Masonic Hall, Union St. Info: Wally Schaver, 563-1411 or Gary Wilson, 30 Willow St., Sidney, NY 13838.

NOVEMBER 4 Hillside, Illinois

1st Chicago B. C. Show & Sale, Hillside Holiday Inn. Info: George Duffy, 607 Revere Rd., Glenview, IL 60025.

NOVEMBER 10-11 London, Ohio

The Third Mid-Ohio Insulator Show will be held Nov. 10 & 11th, 1973., at the London, Ohio Fairgrounds. For information call or write: Steve Blair, 28 Stewart Ave., London, Ohio (614) 852-3148.

NOVEMBER 10-11 Hutchinson, Kansas

Bottle & insulator show at Sports Arena. Info: George Phillips, Box 1791, Hutchinson, Kansas 67501.

NOVEMBER 10 Auburn, Nebraska

Insulator Show at the 4-H Building. Info: Thomas D. Wolfe, Box 190, Auburn, NB 68305.

NOVEMBER 11

Oakland, New Jersey

4th Annual N. J. Antique B. C. Show, Valley Middle School Cafeteria. Info: Peter Lundell, 20 Ramapo Ave. Oakland, N. J. 07436.

1974

JANUARY 19-20

Las Vegas, Nevada

Southern Nevada Antique Bottle Collectors antique bottle show and sale at the Las Vegas Convention Center. Info: Dottie Daugherty, 884 Lulu Ave., Las Vegas, NV 89119.

APRIL 6-7

Volusia County, Florida

MT Bottle Collectors Assn. announces its 4th Annual Trade Festival at the Volusia County Fairgrounds. Info: MT Bottle Collectors Assn., P. O. Box 1581, Deland, FL 32720 Ph. (904) 734-8865.

APRIL 6-7

Kingman, Arizona

For more information contact: W. B. "Rip" West, 413 Monroe St., Kingman, AZ 86401.

APRIL 6-7

Lubbock, Texas

The "Hub of the Plains" Insulator Club of Lubbock, Texas will hold their 3rd Annual Collectibles Show. For more information contact: Jerry Stevens, Box 871, Lamesa, TX 79331.

APRIL 27-28

Rochester, New York

G. V. B. C. A. will hold their 5th Annual Bottle Show & Sale at Monroe County Fairgrounds, Rt. 15A. Info: Jack Stecher, 230 Eileen Dr., Rochester, NY 14616. ("Dealer" contracts: Richard Bowman, 1253 LaBaron Circle, Webster, NY 14580; "Exhibit" co-ordinator: John DeVolder, 27 Haley Rd., Ontario, NY 14519.)

MAY 4-5

San Diego, California

San Diego Bottle Club will host a show. For more info:
519 Verdin St., El Cajon, CA 92021.

MAY 25

Moorestown, New Jersey

For more information contact: Gene Bond, 15 East
Camden Ave., Moorestown, NJ 08057.

JUNE 29-30

Hershey, Pennsylvania

The Fifth National Insulator Show & Sale & N. I. A.
business meeting at the Hershey Motor Lodge. Info:
Steve Bobb, 610 Northampton Rd., Norristown, PA
19401. Ph. (215) 539-6533.

Here is a membership application form for the N. I. A.
Anyone interested can cut it out and send it, along
with \$2.00 to: Ernest Rostock, 3008 S. W. Nye,
Pendleton, OR 97801.

Membership Application



I, _____
NAME

STREET

CITY

STATE

ZIP

hereby apply for Membership in the

National Insulator Association

JUN 30, 1974

and enclose \$ _____ as dues for one year ending _____

SAY IT ISN'T SO

by Ray Bryan

.. Reprint from the N. I. A. newsletter, "DRIP POINTS".

The above line of a familiar song just about sums up my feelings about the recent article published in the Old Bottle Magazine as a reprint from the Wall Street Journal. It was not too long ago that the Wall Street Journal also published an article about Grandma at Grundy Center, Iowa and how well she was doing on her investments in plates. Both articles were misleading with many half-truths or statements based on one instance.

I would like to establish a few facts about insulator collectors. First, they are not thieves. There are thousands of insulator collectors, who have never climbed a pole. A visit to any show would indicate that they come from all walks of life--bankers, bakers, preachers, teachers, lawyers, housewives, and common folk from all ages.

Second, these people collect insulators for the fun of putting together collections of type, name, color and sizes. They enjoy learning about insulators through the study of books, magazines and published articles. They attend club meetings and insulator shows and a true insulator collector would rather talk about his insulators than eat.

Third, insulator collectors are honest, reliable people with a code of ethics. Not long ago I sent a check to an insulator collector in Maine for an insulator. In my letter I said it should be mint (perfect). When the insulator arrived there was a note saying that he would not cash my check until he heard from me as there was a small nick in the insulator. Most of the business of the insulator collector is carried on by telephone and

by mail order from published lists describing the insulators and the prices. I am certain the exchange of insulators approaches in confidence and honesty the dealing of the stock exchange.

The Old Bottle Magazine was one of the first to have an insulator section. I started reading Frances Terrill's articles on insulators. In 1968 we went West for our vacation and you guessed it a visit with Frances in her house in Portland, Oregon. We were complete strangers, but within minutes we were viewing her collection and when we left she had prepared a box of about thirty insulators for us to take with us with only our promise to send her a like number from our community. She gave the insulator collector the dimension of honesty.

We are insulator collectors--proud of our hobby--working hard to make it better--not thieves, but honest people having fun in an educated manner. To these ends we have formed the National Insulator Association with a code of ethics and with the determination of building an outstanding hobby. Our first president--Fred Griffin-- a dentist.

Excerpts from N. I. A.: Membership report--the current membership is at 280 and all the upcoming shows are being sent membership applications.

The deadline for the 6th National to be held in 1975 has been extended to the spring of 1974 (some time before the fifth national.)

The location and date of the Fifth National Insulator Show and N. I. A. business meeting has been set for June 29th and 30th and will be held at Hershey, PA.

Editors Note: all details are furnished in a separate article further on in this issue.

LETTERS TO THE EDITOR

Dear Mr. Garrity,

I am a real insulator "nut", at the age of only 14. I've only been in one show, but it was non-competative. I spend every Sun. at the Flea Market buying and selling insulators. I started out collecting a general line of insulators. About three months ago I started to collect Brookfields. I have acquired 45 different ones. It has gotten hard to find different Brookfields that I don't have, so I have taken up collecting Cables, also, but I have only gotten 12 different kinds. Around here the hobby has seemed to slack off a bit, but I am still going strong. I have been dealing in a general line of insulators and some fruit jars to make money to put into my collection. I am an avid trader, but many times when I write that I am only 14, the other party sometimes will break off correspondence.

Therefore I would like you to put a section into the magazine concerning collectors that are still teenagers, or have more of them in the Know your Collector spot, as you did with Paul and Tim Alleeson, so some of the senior collectors will not be hesitant to deal with us if they know that we are junior in age only.

I have Brookfield in my collection that has some different markings. The marks on the back seem to be some kind of a peening job, but they are perfectly hemispherical and rather smooth. They are aligned horizontally. Do you have any information on the reason they are on the insulator?

Now I will try to give you some information. Many months ago the issue of Hemingray using a re-worked Knowles mold. I have in my collection a CD 252

HEMINGRAY NO. 62 CABLE/PATENT MAY 2nd 1893.
There is obvious peening under the date on the date on
the back. The area of peening identically matches the
embossing on my CD 252 KNOWLES CABLE INSULA -
TOR.

Sincerely,
Andy Lookenbill
R. D. 6, York, PA

SIGN OF THE TIMES?

by Addie

During the past several months, I have travelled to
many shows here in the West and to the Nationals in
July. I've seen good shows, bad ones, and many with
a lot of potential. I have found it hard to evaluate
a show when certain elements are lacking. The big-
gest problems seem to be "off the street" persons and
a good flow of cash. Many people stay away from shows
for many reasons. I'd appreciate it, if you'd write
me why you do and do not attend shows, what do you
look for (insulators, bottles, go withs, accomadations,
etc)? Do you prefer selling, buying and-or trading?
As a dealer at a show, what do you expect for your
table charges and why do you attend a certain show?
Are collectible shows better or specialities?

I'd like to hear your feelings about shows and I'll
compile the results and write the general feelings
up for you in a few months. Send your letter or
books to Addie Tasem, 519 Verdin St., El Cajon, CA
92021. All letters will be kept confidential and no
names or shows will be published.

You have just read 2 different articles written by 2
different collectors--yet they both have the same goal
in mind.

A 14 year old insulator collector should be able to com-

municate with any other insulator collector. Age shouldn't enter into the picture. Andy is trying to enrich the hobby. Let's help him.

Addie is older than 14, but she is attempting to research shows, why they are good or bad and all the other variables that go with a show and swap meet. She, like Andy is attempting to help the hobby and she also needs our co-operation.

Insulator collecting is a good hobby. We are the lucky ones. We are on the ground floor of the greatest potential we'll ever come across. It's up to us--the Andys and Addies and everyone else to fertilize this hobby to its fullest bloom--then the "junk" 42's and Brookfield ponies will disappear to the point of being scarce. Thanks Andy and Addie, keep on trying.

Your Editor

* * * * *

Jim,

This summer I came across an Amer. Ins. Co., base embossed (aqua) that is much larger with regard to size of skirt than a CD 134. In terms of size it is closer to a CD 138. Is this simply a variance of a CD 134 or is there such an Amer. Ins. with a CD 138?

Jack Higgins
4265 Americana #202
Annandale, CA 22003

Dear Jack,

I really don't know the answer to that one, but maybe some of our American Insulator experts can help us out on this one.

Editor

Dear Jim,

I would like to share this insulator puzzle with you and your readers. Maybe this will give collectors a little something to do in the evening.

Good Luck !

Paul Simpson

The words in this puzzle pertain to insulator names. They are repeated in the diagram running in all directions: forward, backward, up, down, and diagonally. See if you can circle all 40 names.

AMERICAN INSULATOR
AGEE
BIRMINGHAM
BROOKFIELD
CHESTER
CITY FIRE ALARM
COLUMBIA
DOMINION
DUQUESNE
DWIGHT
EMMINGER
FALLS RIVER POLICE
FISHER
FLOY
GREGORY
HARLOES
HAWLEY
HEMINGRAY
ISOREX
JEFFERY

JUMBO
KERR
KIMBLE
KNOWLES
LEFFERTS
LOCKE
LYNCHBURG
MANHATTAN
M^CKEE
MERSHON
MULFORD AND BIDDLE
NO NAME
PYREX
SANTA ANA
STAR
SURGE
TILLOTSON
WADE
WESTINGHOUSE
WHITALL TATUM

K I M B L E N E S U O H G N I T S E W E
A E G C I T Y F I R E A L A R M R X I H
S R I W E E G A L T L C S C H E S T E R
N X O S P L N N R G M F I F L O Y T M C
P A R T W A D E J G J W A D R Q A I A O
Y W T L A X B K U K N H D E H O D L N L
R L L T W L Y C M H A I O N A S W L O U
E H N J A R U G B C B T M S F E I O N M
X A I B E H S S O D G A I E P L G T S B
S W K F H J N C N N F L N U H W H S R I
Q L F A A L R A K I Y L I Q S O T O B A
D E E S R A D O M N N T O U X N O N E M
J Y D E L R N H C I J A N D H K D M U E
G R E G O R Y H M S L T C O F I S H E R
D L S F E M B E B O Y U U I U J T T U S
W N L U S U E O C R D M E W R U A T N H
N U T E R K I K F E W L E F F E R T S O
M Y U G C G E E G X D R E G N I M M E N
N B E M G I E R L B I R M I N G H A M H
C E C I L O P R E V I R S L L A F B J I

THE FIFTH NATIONAL INSULATOR SHOW

The Fifth National Insulator Show and N. I. A. business meeting will be held in Hershey, Pennsylvania on the last weekend in June--the 29th and 30th.

The show will be sponsored by Steve Bobb of Norristown, PA. It will be held in the brand new Hershey Motor Lodge Convention Center located on the outskirts of Hershey, PA.

The schedule will be:

Fri. 28--open for dealer set-up from 1 PM to 5 PM

Sat. 29--open for public from 8 AM to 5 PM.

open to dealers from 6 AM.

6 PM Cocktail hour

7 PM Banquet

8 PM til ??? the N. I. A. business meeting.

Sun. 30--open to the public 8 AM to 5 PM.

The Convention Center will hold over 200 tables. Table size will be 30" X 8' and rental fee will be \$20 for the entire show.

The show will be hold on the ground floor and the cocktail hour, banquet, and N. I. A. business meeting will take place on the 2nd floor.

Steve is encouraging displays and is furnishing free tables for display. A total of 8 ribbons and 1 show trophy will be awarded. Lighting rod balls-2 ribbons; threadless-2 ribbons; most eye appealing; best in porcelain; best in color; best in shape and show trophy for best overall.

The Fifth National is geared not only to the insulator collector, but also to his entire family. The town of Hershey and surrounding area has recreational facilities for everyone. For more details contact Steve Bobb at 610 Northampton Rd., Norristown, PA 19401.

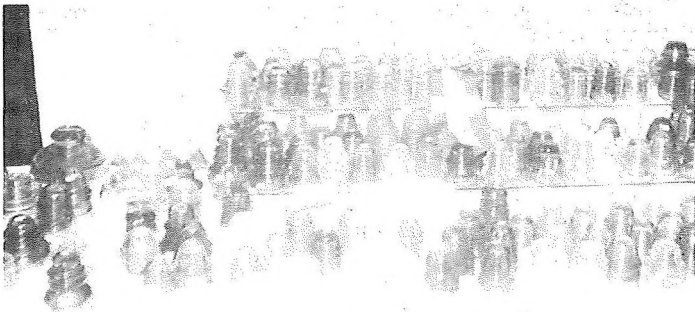
COLUMBIA CITY, INDIANA SHOW

by Paul Houpt

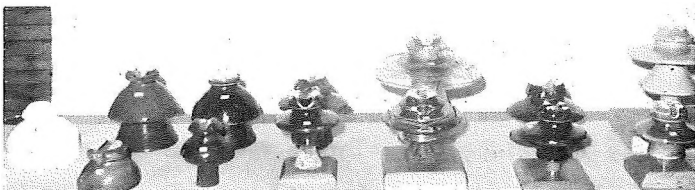
We had thirty-five tables selling with eight real nice displays. Everyone had a good time, although business was not the best. A lot of good items were sold and traded. The visiting crowd was not what I expected, but for the first show I consider it real good. A real treat was the ox roast. Plans are under way for the same next year.

The 4-H building was one of the best of any of the smaller shows. Those that attended had a very pleasant surprise when they arrived and found out who was present. All at the show enjoyed talking with Mr. N. R. Woodward and Mr. & Mrs. Marion Milholland.

A one years subscription to "Crown Jewels" went to Walter Mitchell, Columbia City, IN, and a one years subscription to CROSS ARMS went to Paul Mohrs of Michigan City, IN. Pictured are the ribbon winners.

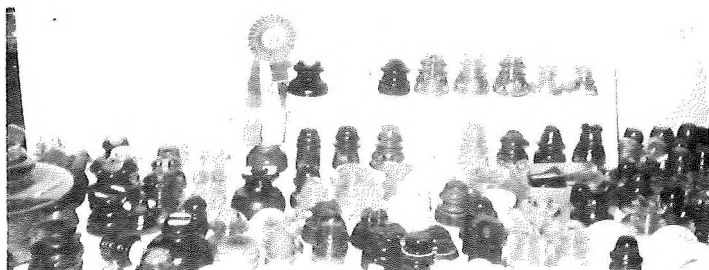


CROSS ARMS 1st place dealer table, Dennis McHenry of Bettendorf, Iowa.

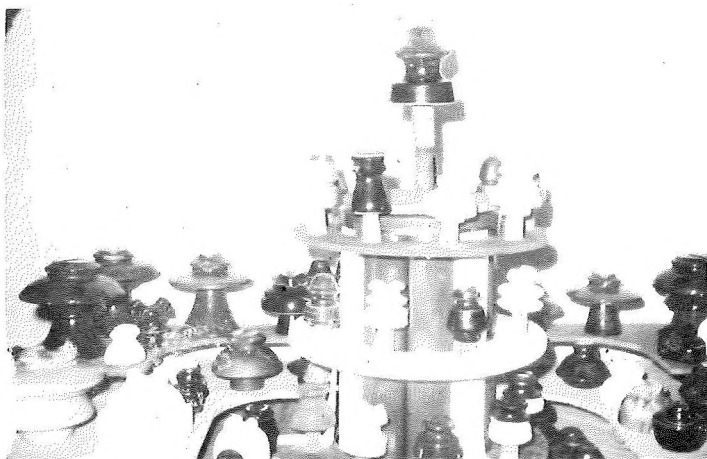


Gerald Brown Book Award for porcelain display table went to David Ramp of Larwill, IN.

COLUMBIA CITY, INDIANA SHOW



CROSS ARMS 2nd place dealer table, Charles Diehl, Gary, IN.



Crown Jewels 1st prize display table, Jerry Turner of Goshen, Ohio.



Crown Jewels 2nd prize display table, Richard Case of Stillman Valley, IL

BINGHAMTON, NEW YORK SHOW

by Chuck Purdy

The Binghamton, New York Show was held on Sept. 23 with 8 insulator dealers who had a total of 12 tables set up. The most exciting thing to happen at the show was the selling of a J. F. Buzby insulator to Dieline Coleman of Alden, New York.

All told we had 26 dealers setting up on 36 tables. All of the insulator dealers had real class glass and everyone was quite happy at the end of the day.

Leon Barrett of Binghamton won the CROSS ARMS ribbon with a display set up on a full sized crossarm, with goodies like Bostons, different threadless, and many other real good pieces of glass.

MARKET NEWS

Auction results of a few items at the Columbia City, Indiana Show.

CD 143	Canadian Pacific	M	aqua	\$6.00
CD 267	No 4 Cable	M	aqua	90.00
CD 230	Hem. D 512	M	carnival	15.00
CD 134	Pat. App. For	NM	aqua	7.00
CD 303/310	2 pc. Muncie	NM	aqua	22.00
CD 257	Hem. 60	M	clear	4.00
CD 300	Locke #17	M	aqua	16.00
	embossed cobalt bell			8.00

Hello Members,

CLUB

NEWS

Most of you who are reading this newsletter will still have time to attend a great show. It will be at the Springfield Mall, Springfield, Virginia. The show will be held in the community room at the Mall. The date is November 4th and members and family get in free. For a day long to be remembered plan to attend from 10 am to 6 pm.

All of you who have ordered Milhollands book, please be patient. He will probably be bringing them to the show like he did last year.

One of the hold ups on the book is the fact that the price guide wasn't ready until October 1st. I will mail them out as soon as I receive them.

We now have in stock "THE GLASS INSULATOR A COMPREHENSIVE REFERENCE" for sale. There is no wait for this book as we have a good supply. We have sold quite a few of these books so far as it is an excellent publication. Check the price list we sent every member for the price.

Next month we hope to give you some nomination information.

Bob Wilson, our Pennsylvania V. P., reports that the Fifth National Show will be held June 29th and 30th in Hershey, Pennsylvania. The show will be hosted by Steve Bobb of Norristown, PA. This will be the first time many of you club members have ever had a chance to attend and display at a national show. Everybody get your thinking caps on and try to set-up a ribbon winning display. This is your

chance to show the rest of the country what an eastern collection looks like.

Rumor reached us about a new bell paperweight so we asked "Davy" Crockett to check it out and here's the full story.

Joe Fredrick from the Columbus Chapter of the Telephone Pioneers of America has commissioned the Fenton Glass Co. (one of the original bell manufacturers) to use the original bell mold and manufacture for the Columbus Chapter 2,400 bell paperweights.

The bells full description is: Wt. 5 oz.; 2 1/4" X 2 1/4"; color-colonial blue; embossing on front & rear are the words Bell System and the embossing is raised. On the bottom, around the outer rim are the words Cedar Point Reunion Columbus Council. In the center of the bottom is embossed the Human Service logo with 1973 underneath, along with the glass company hallmark.

Mr. Fredrick has made arrangements with Fenton Glass Co. to manufacture these bells and then give the embossed plunger to the Columbus Council. The Council will then deface the plunger and place it in the archives along with the defaced pilgrim hat molds.

D. H. Conklin became the first telegraph operator to receive a salary from a railroad company. He assisted in stringing the first insulated wires under the draw-bridges on the Paterson and Ramapo and Paterson and Hudson River railroads, and opened some of the Erie telegraph offices on the Susquehanna and Western divisions. (He was originally a printer's apprentice at Peekskill, N. Y., in 1848.)

HAVING TROUBLE FINDING THE RIGHT GIFT?



HOW ABOUT
A
GIFT
SUBSCRIPTION to CROSS ARMS
367 Signal Hill Road
King of Prussia, Pa. 19406

Enclosed please find \$5.00 for One Year Subscription
of
CROSS ARMS
TO

NAME _____

Street and Number _____

City _____ State _____ Zip _____

Make checks or money orders payable to CROSS ARMS.

COURTESY OF _____

KNOW YOUR COLLECTOR

This month our collector is Jay Barley of R.D. #1 Bodine Road, Chester Springs, PA 19425. Jay is one of our young active collectors and enjoys trading. He started collecting about two years ago when a friend introduced him to the hobby. Jay is 13 years old and an eighth grader at Lionville, Jr. High School. He and his father frequent the flea markets and attend all the local shows and swap meets.



Jay with part of his collection in the background. Notice the odd shaped bell he is holding.



CD 112 a nice green
Lynchburg No. 31.

Collector of the Month.



left: cast iron top with a composition skirt and standard threads. Wire groove is same size as a No. 4 Cable. right: It's only part of a threadless (bottom skirt also half missing) but it's embossed:

BOSTON BOTTLE WORKS
NO SOMERVILLE
MASS

Pin hole embossed:
July 26. 1870 OAKMA???



left: A brown porcelain Mickey Mouse; right: a purple CD 166 embossed CALIFORNIA A-011 (over).

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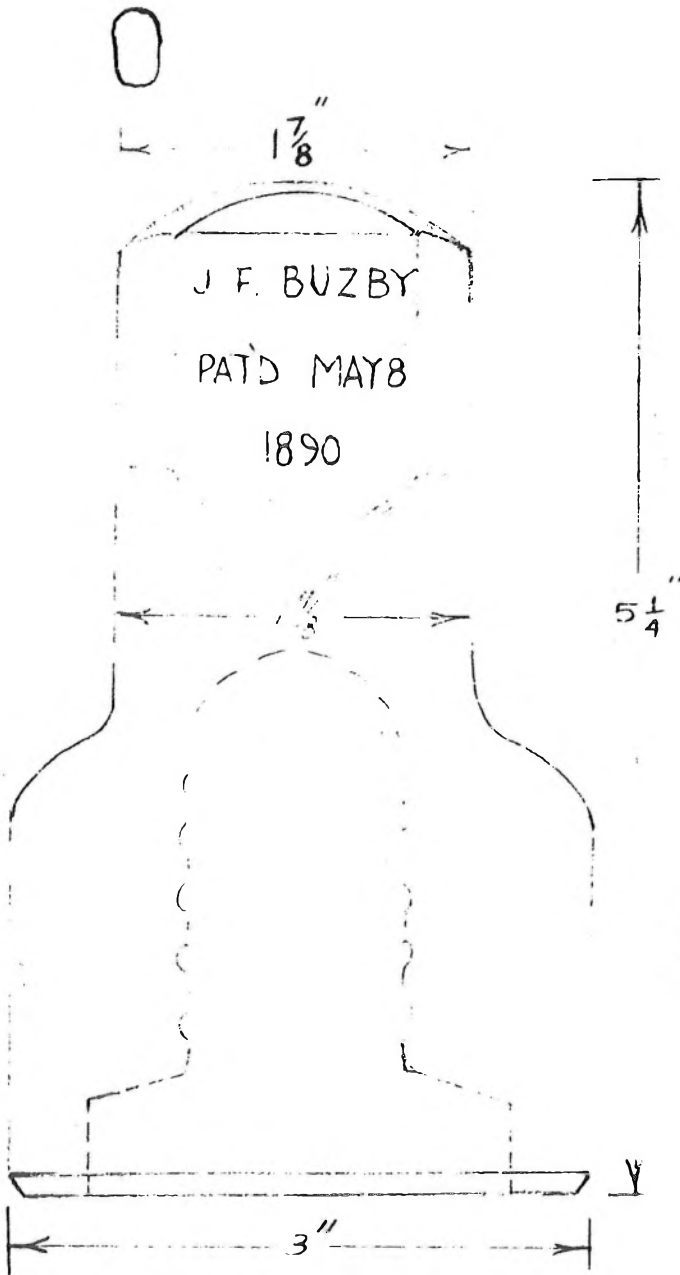
The insulator is provided with the perpendicular slot e^2 , in which the wire rests, and an open communicating slot e^3 , arranged at an oblique angle to slot e^2 , so that one end of slot e^3 opens into the upper end of slot e^2 , while the other end of slot e^3 opens into the lower end of slot e^2 .

In order to put the insulator on the wire, it is turned out of a perpendicular until the slot e is in the same plane with the wire, which is then readily entered. The insulator is then turned back to a perpendicular and so locked to its stand. The head g of the spring-catch projects over the flange f' of the stand, and, being inclined at g' , yields to the insulator, flange e' as the latter is pressed down, and then overlaps it, so as to hold the insulator E securely to its stand F . In the position shown in Fig. 1 of the drawings the wire A lies across the slot e^3 , and therefore cannot possibly escape.

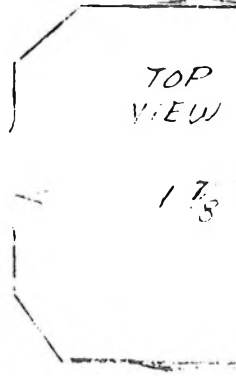
The shank f^b of the insulator-stand is made to fit a hole in the base-board, to pass there-through, and to have its flange f' supported on the base-board.



Buzby information and pictures courtesy of Chuck Purdy of Binghamton, NY and Bob Wilson of Phila., PA. Insulator owned by Gary & Dieline Coleman, 11206 Winde Lane, Lancaster, NY 14086.



Slanted wire groove

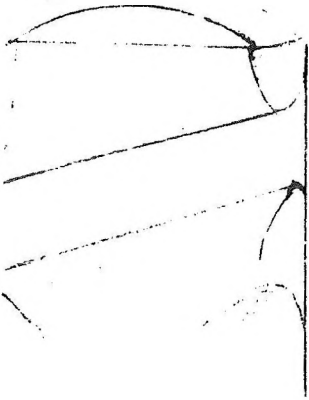


1 1/2" GREEN
 EMBOSSED J. F. BUZBY
 PAT'D MAY 8, '890
 Slanted WIRE GROOVE
 8 SIDED KNIB

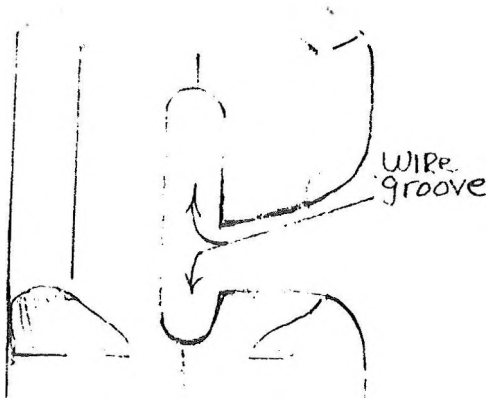
Sketches are drawn



BACK



SIDE VIEW



be D
out
slightly

to exact size.

(No Model)

J. P. BUZZY.
INSULATOR.

No. 427,200. Patented May 6, 1890.

Fig. 1.

Fig. 2.

Fig. 3.

WITNESSES:
A. Rippeart.
H. J. Davis.

INVENTOR
Joseph A. Buzzby
By Thomas S. Thompson
ATTORNEY.

C. D.

427,296. INSULATOR. Joseph F. Buzby, Royer's Ford, Pa. Filed Dec. 31, 1889. Serial No. 335,497.

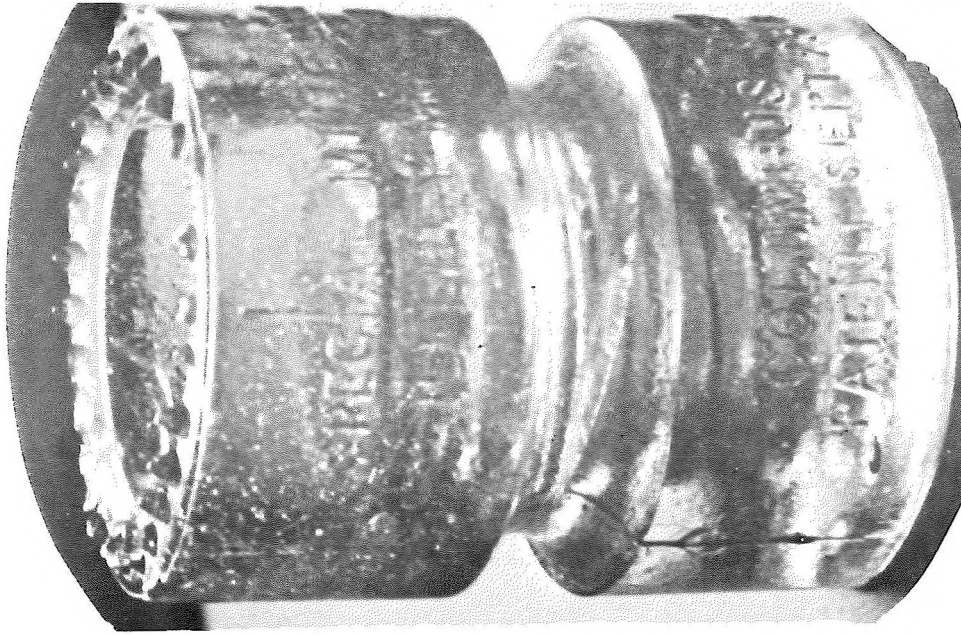
Be it known that I, JOSEPH F. BUZBY, a citizen of the United States, residing at Royer's Ford, in the county of Montgomery and State of Pennsylvania, have invented certain new and useful Improvements in Glass or other Insulators for Use with the Wires on Telephone or Telegraph Poles; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The invention relates to insulators for use with the wires on telegraph or telephone poles; and it consists in the improvement hereinafter described, and pointed out in the claim.

Figure 1 of the drawings is a side elevation showing my insulator with the wire therein; Fig. 2, a detail perspective view of the insulator, and Fig. 3 a similar view of the insulator-stand.

In the drawings, A represents a telephone or telegraph wire secured by an end hook a in the staple B of a standard C. The latter has a square tenon c, which fits a corresponding hole in the base-board D.

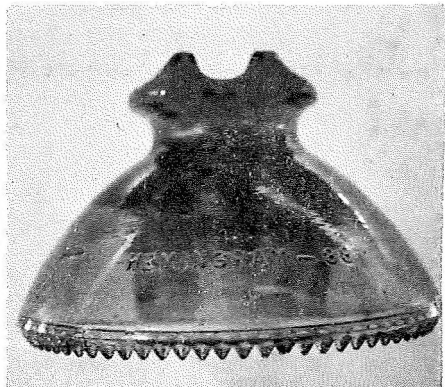
E represents my insulator, which has the central tapering vertical hole e in its lower end to fit over an upwardly-tapering projection f on the insulator-stand F and a flange e', which bears on a corresponding flange f' on the stand, the two flanges being clamped together by a spring-latch G, made fast on the side of the stand.



A full size picture courtesy of Jack Snyder of Toledo, Ohio. Left: CD 133.2; right: CD 185.



2 nice American Insulators from Jerry Wagner of Bergenfield, NJ. right: honey amber, rim embossed AM, INSA C, O PAT— SEPT 13. 81; left: emerald green, rim embossed AM. INSULATOR CO. N. Y. DOUBLE PETTICOAT PAT'D SEPT 13, 1881 NOV. 13, 1883.



left: CD 243 Hemingray 88 from Vern Russell of Columbus, Oh. right: CD 252 embossed (F) KNOWLES (B) M & E CO. PHILA. from Tom Moulton of Ballston Lake, NY.

PATENT INFORMATION

W. D. GUSEMAN & E. C. BRIGHT, OF MORGANTOWN,
WEST VIRGINIA. Excerpts from Patent No. 97,392,
November 30, 1869.

This invention relates to and consists in the form of the wire-aperture through the insulator, and the portion of the slot in the insulator, as herein-after described.

Figure 1 represents a side view of the insulator, partly in section. Figure 2 is a top view.

"A" is the insulator. The aperture in which the wire "B" rests, passes directly through the insulator. The bottom of this wire-aperture, is sloped downward from the middle.

The telegraph-wire "B" is introduced into the aperture "C" through a slot, "D", which slot is placed at an angle with the direction of the wire-aperture, as seen in fig. 2.

We claim as new, --

1. The narrow ridge or point in the insulator, formed by the grooves, or a groove extending downward from the wire-aperture, on which ridge the wire rests.
2. The sloping grooves (one or more in number) extending from the wire-aperture for discharging the water and forming a ridge for the wire to rest on.
3. The insulator "A", constructed with the aperture "C" and slot "D", arranged at an angle with each other, as shown, either with or without a cap to protect it.

W. D. GUSEMAN & E. C. BRIGHT.
INSULATOR FOR TELEGRAPH WIRES.

No. 97,392.

Patented Nov. 30, 1869.

Fig. 1.

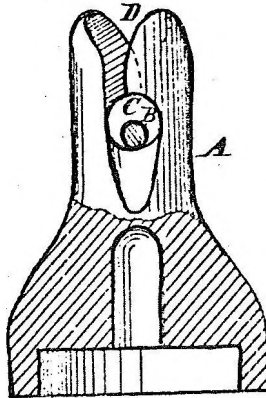
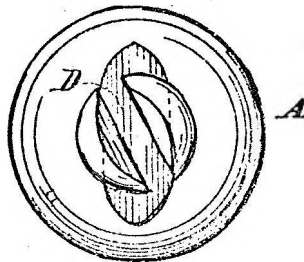


Fig. 2.



Witnesses:

Frankly
Alex F. Roberts

Inventors:

W. D. Guseman
E. C. Bright

Per *M. M. C.*
Attorneys:

STORY OF THE ERIE

Excerpts from the book "Between the Ocean and the Lakes" by Edward Harold Mott. Published in 1900 and furnished to CROSS ARMS by Charles Breiner of New York.

The Erie, through Charles Minot, and through his successor, D. C. McCallum, attracted the eyes of the whole country to the value of the telegraph as a vital agent in the management of railroads.

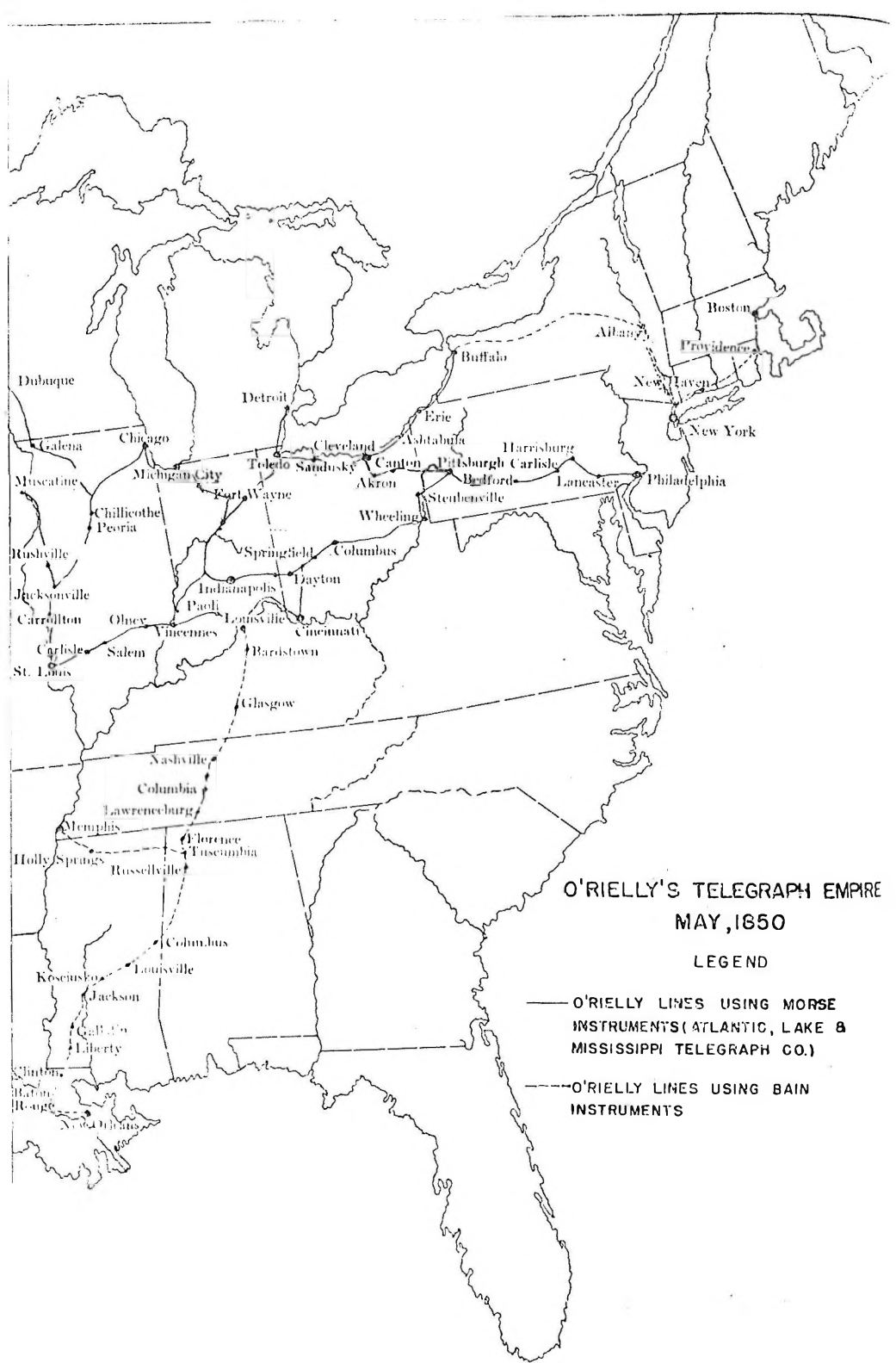
What was known as the New York and Erie Telegraph Line was begun in August 1847. It was not a work of the New York and Erie Railroad Company, as its title might imply. Ezra Cornell was the projector of the line.

Mr. Cornell supplied insulators and also Morse machinery for the offices to be opened. The insulators were of brimstone, enclosed in iron pots, and of but small value. On the completion of the Erie telegraph line, Superintendent Minot offered to purchase for the Erie the Morse patent on fair terms. Mr. Smith, one of the owners of the patent, refused to sell. He invited, the New York and Erie Railroad Company to become stockholders in the Telegraph Company, and thus acquire the right to use the Morse instruments. By this time, however, the Cornell line had so shown its unreliable character that Mr. Minot declined the invitation. After a short struggle against circumstances the wire of the Cornell line was, in 1852 and 1853, transferred from the poles along the turnpikes to those of the Railroad Company, and by gradual processes the line became massed with and faded into the property of that Company. In 1852 the title of the company was changed to The New York and Western Union Telegraph.

In 1851 the New York and Erie Railroad Company, having constructed its telegraph line, placed it under two superintendents. L. G. Tillotson was intrusted with the section between Owego and New York, and Charles L. Ckapiu with the section from Owego to Dunkirk. In 1852 Tillotson was made sole superintendent. Luther G. Tillotson was but nineteen years old when he became superintendent of the Erie Telegraph. He was born in Ithaca, N. Y., March 1, 1834. His father was a friend of Ezra Cornell, and became a telegraph constructor. At the age of fifteen Luther began to learn telegraphy under his father, and in less than a year was an expert for that day. He entered the service of the Erie in 1851. In 1862 he began dealing in railway and telegraph supplies, and in 1865 established the house of L. G. Tillotson & Co., in New York, and remained at its head until his death, January 31, 1885. He was an authority on telegraph and telegraph construction.

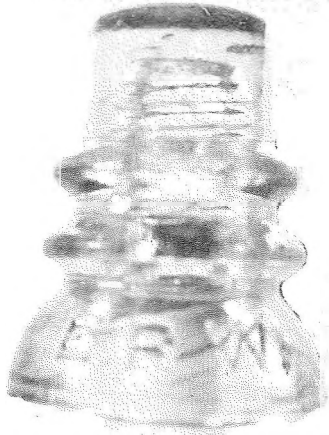
William J. Holmes, who had been in the service of the Erie Telegraph Department since 1856 (as operator at Mast Hope) until 1859, was in that year appointed division operator of the Delaware Division, with jurisdiction over all the offices on that division. In 1862 he was transferred to headquarters in New York, and on the retirement of Mr. Tillotson he was made general superintendent, which place he still holds. He is also district superintendent of the Western Union Telegraph Company.

The first telegraph instrument of the Cornell line on the line along the Erie was put up in the bar-room of a hotel at Goshen, N. Y. Ezra Cornell was so poor at that time that when he came to Goshen, if there was no money in the office, Vail would advance him some, so that "Old Bones," as he was irreverently called, might get something to eat.





CD 740 rim embossed: E. DUPONT ST. JEAN from Ed Szymala of King of Prussia, PA. on the left is a photo of the bottom showing the embossing.



left: CD 135.5 E. R. W. (threaded) from Bob and Carol Meszaros of Titusville, NJ. right: 287.2 (dome embossed) W. BROOKFIELD (skirt): LOCKE'S PATENTS PENDING from Fred Garner of Pottstown, PA

NOTICE TO ALL SUBSCRIBERS: _____

CROSS ARMS has started to assemble its Subscribers Directory. Anyone wishing to be left out of the Directory, please notify us.

The Subscribers Directory will come out in February of '74. It will be a separate issue and will also include an index for the past 12 issues of CROSS ARMS. The Subscribers Directory is not included with your subscription. It will be sold to anyone requesting a copy. The cost will be 50¢ to CROSS ARMS subscribers and \$1.00 to non-subscribers.

§ § § § § § § § § §

SPECIALITY COLLECTOR?

How would you like your name listed under a speciality collector's list.

In an effort to help the speciality collector CROSS ARMS would like to publish in its Subscribers Directory (which will be out in February) a list of Speciality Collectors under their own individual categories. For \$1.00 your name will be listed and you will receive a copy of the directory itself.

Send us your name, address and your speciality as you would like to have it listed.

HAVE A BALL AT THE MALL IN THE FALL



Eastern Insulator Club's --- 4TH Annual Show and Sale

Sunday, Nov. 4TH, 1973, Springfield, Va.

Springfield Mall Shopping Center
Springfield, Virginia

10 A.M. till 7 P.M.
Public Admission - 50¢

The MILHOLLAND's, authors of Most About Glass Insulators and Revisions 1 & 2, plan to attend. Mr. Milholland's new book, Revision # 2, offers more information on threadless insulators and production facts and figures on various manufacturers.

E ADMISSION TO MEMBERS OF THE EASTERN INSULATOR CLUB NOT SELLING OR DISPLAYING

Awards-Door prizes

Cost per table	1/2 table
Non-member - \$6	\$4
Member - \$3.50	\$2.50

Display tables are free, but number of tables is limited and reservations should be sent in early.

Jim Garrity, Editor of CROSS ARMS Magazine, will attend the show and CROSS ARMS awards will be presented for the best displays.

For reservations or further information, call or mail form below to:
J. A. Barron
6815 Darby Lane
Springfield, Virginia 22150 703-971-1647

Please reserve _____ table(s) in my name in the following categories:
Enclosed is check - - - - M. O. for \$ _____

- Sell Only

- Display Only

- Sell & Display

- Full-Table

- Beginners Glass

If you check this box, please indicate which class you will be displaying in.

- 1/2 Table

- Advanced Glass

tables are 3 x 8

- Ceramics

NAME _____ ADDRESS _____

Please make checks payable to - The Eastern Insulator Club.

check here if you would like more information about the EASTERN INSULATOR CLUB.

Doors will be open to participants at 8 a.m. - Persons sending in forms will receive by return mail a map and information on Motel accommodations.

CLASSIFIED ADS

Very good selection of semi to rare for sale, best prices. 2-8¢ stamps for large list. Buying customers put on permanent mailing list. Brad & Nancy Cook, 507 Ridge Rd., Lansing, NY 14882

I HAVE MOVED: new address is: Jack Riesselman, 1025 N 63rd, Apt. B-95, Lincoln, NB. ph. (402)-467-3361.

FOR TRADE: Rare "Tel-Fed, Samuel Onos", CD 134. \$75 in Milhollands; I will take less. Make offer and send your trade list. Jim Baird, 8107 Calico, San Diego, CA 92126.

Forced to sell-mint McLaughlin 19's in assorted colors, drips for \$1.50. Tasem, 519 Verdin St., El Cajon, CA 92021.

NEW LIST. Over 200 Varieties. Cutter, Jumbo, E. C. & M., E. L. Co., RD 149959, Locke Patents Pending, Threadless & other top glass. Other varieties in all price ranges. Priced right. Large SASE, Please. Dick Bowman, 1253 LaBaron Circle, Webster, NY 14580. (716) 872-4015.

We want good carnivals please. Send price. Mint only. One or quantity. Our free list. Essig's, 629 Slater Rd., N. Ft. Myers, FL 33903.

Will Sell or Trade: Chambers (CD 317) VVVNM. Want to add color to my collection. Make offer or list your traders. Send SASE for list of other available insulators. John McDougald, 4592 Andorra Drive, North Olmstead, Ohio 44070.

**MILHOLLAND'S 2nd REVISION
MOST ABOUT GLASS INSULATORS**

MORE THAN 2600 GLASS INSULATORS DESCRIBED. Threaded and threadless glass insulators are finally listed in their permanent CONSOLIDATED DESIGN NUMBERS. Most of the beautiful professional photographs are shown to full size.

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CD 112	#11 O.V.G. CO	aqua-blue	4.00

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SPOOLS

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R.R. 4 Belleville, Ont., Canada K8N-
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SAVE **\$4.00.** All three books for only
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Porcelain Insulators Guide Book for
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Supplement A, Reg. \$1.95
Supplement B, Reg. \$1.95

Order early for assured delivery by Christmas. Special offer
void after Dec. 25th. Add \$1.50 per order for airmail delivery.

Jack H. Tod (CA), 3427 N. 47th Pl., Phoenix, AZ 85018

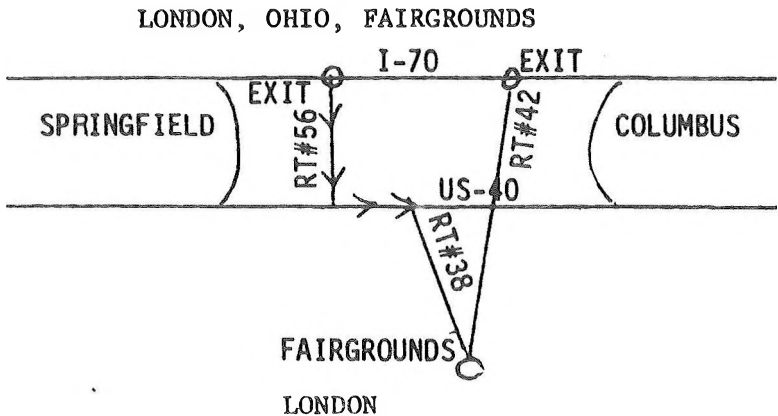
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 Brookfield No 53, \$35.00; 2 piece Deamond purple,
 \$35.00; 2 piece SCA 54 A/B \$30.00; Calif. SCA signal,
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 CD 205, \$25.00; Oakman rim embossed helmet, \$22.50;
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 Mouse long sharp drips, \$10.00; Santa Anna aqua,
 \$20.00; cobalt porcelain 10 1/2 sombero's metal on,
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 \$3.00; Locke 23 CD 319 \$35.00; No 2 Columbia
 green CD 262 \$100.00; No. 4 Cable CD 267 aqua, \$125.00
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3rd MID-OHIO INSULATOR SHOW

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NOV. 11TH -- 9:00 A.M. - 4:00 P.M.



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PORCELAIN INSULATORS GUIDE BOOK FOR COLLECTORS, the standard reference for pintype porcelains. Universal Style Chart with all U- number scale drawings. Markings, company histories, prices, etc. Hardbound, 206 pages, \$10 postpaid. Also Supplements A and B, \$1.95 each. From author, Jack H. Tod (CA), 3427 N. 47th Place, Phoenix, AZ 85018.

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CD 263 Hemingray	dk aqua	3 drips miss.	75.00
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	either of above in	(NM)	2.00
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CD 164 Brookfield 38	green	(M)	18.00
CD 252 Cable	green	(NM)	3.00
CD 230 Lowex D-512	amber	(M)	8.00
CD 137 D990	green	(M)	3.00
CD 168 Hemingray D510	amber	(M)	8.00
CD 112 Lynchburg 31	green	good	4.00
CD 162 Brookfield 36	dk aqua	(M)	50.00
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NOTICE: SUPPLEMENT B to "Porcelain Insulators Guide Book for Collectors" is now available. Price revisions, all newly added U-number shapes, markings, history. \$1.95 postapid from author: Jack H. Tod (CA), 3427 N. 47th Place, Phoenix, AZ 85018.

WANTED: your current insulator price lists for use by several collectors. Send to M. Tasem, 519 Verdin St., El Cajon, CA 92021.

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The back panel of the bottle is embossed "L. A. GOULD/PORTLAND, ME."

Each bottle contains the original liquid lotion. It is shown here actual size. We offer the bottles for sale at \$3.95 each or at ONLY \$1 when ordered with 12 issue "Bottle News" subscription at regular \$5.50 rate. Bottle and 12 issues BN, Reg. \$9.45, just \$6.50 while supply lasts. (Limit 1 bottle per subscription.)

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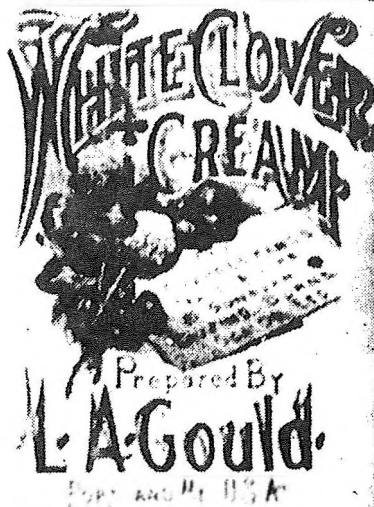
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105 Am Ins. Co.	small wire groove chip	85.00
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438 T-HE Co.	VNM+	150.00
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262 No. a Columbia	shallow chip on back	65.00
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259 Cable,	Oakman Mfg. Co. - light aqua	22.00
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51 Avondale Road, Manchester, CT 06040.		

**Gerald Brown's "SECOND EDITION"
of "COLLECTABLE PORCELAIN INSULATORS"**

Not a supplement.

A COMPLETE guide for porcelain insulator collectors.

175 pages 8½" x 11" Plastic ring binding

Pictures and drawings describe over 700 porcelain insulators.

From Author **Gerald Brown**
\$6.00 P.P.) Two Buttes, Co. 81084

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10" Carnival glass sombreros, metal off, postpaid, mint. Dark, \$20.00, med. \$12.00, lite, \$8.00. Send trade list for mine in return. Ed Sellberg, 2918 Neals Ln. Vancouver, WA 98661.

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CD 121 AM TEL	aqua SDP	45
CD 131 CAUVETS,etc	ice	18
CD 133 OVGCo	aqua	50
CD 136.4	ice chips/dings	25
CD 160 lg. crude B	aqua	10
CD 160 STAR	aqua	8
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CD 196 HEM No 51	aqua sdp	50
CD 251 NEGM dated	aqua	12

Most items NM or better. Complete list available, many good traders! J R Snyder, 244 Waggoner, Toledo, Ohio 43612 (419) 476-4902.

6. In order to keep CROSS ARMS up to date we would like all reports on shows and swaps sent in no later than 45 days after the show has taken place.

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* \$12.00 per three issues

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Full page - \$18.00 per issue
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\$.05 per word (minimum \$1.00). The closing date for material will be the 15th of the month preceding the month of the issue.

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

CROSS ARMS encourages want ads that list the value of the insulators advertized so any ad listing 10 or more insulators with prices will receive an additional one month's free exposure.

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