

HEISEY news

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Medallion And Lantern In Museum Entry Hall
Stained Glass Windows Around Door

NOTES FROM YOUR PRESIDENT.....

Our fourteenth convention "Our Impossible Dream - ten years later" is over. It's difficult to realize that all of the hard work that went into it is done, the hundreds of members who came to Newark have all gone home, and we're left to begin on next year's plans.

There's another Impossible Dream, which the HCA has nurtured for at least 14 years, and that is the ownership or control of the original Heisey moulds. With the imminent bankruptcy of Imperial Glass Corp., this dream is beginning to approach the realm of possibility. In the last three weeks, first the Executive Committee and then the Board of Directors has decided that the HCA should try to purchase the moulds from the bankruptcy trustee. The Board also decided that the money to purchase these moulds would have to come from donations from the membership. These decisions were announced after the annual meeting on Sunday and the response was overwhelming. In a period of about 25 minutes, the members gave to us about thirty checks totaling close to \$15,000, and many of them said that if more was needed, it would be available. This money will be put into a separate account for the purchase of Heisey moulds. Should we be unsuccessful in our attempt, the money will be returned to the donors unless they direct otherwise.

In all likelihood, Imperial Glass Corp. will be declared bankrupt and put into the hands of a trustee on June 29. At that time a decision will be made as to how the assets will be liquidated. The HCA is in contact with an attorney who will act on our behalf at these proceedings.

In our discussions with the glass industry, we have come to the understanding that in all probability what we hope to get from Imperial will cost (at auction) somewhere between \$250,00 and \$750,000. We are asking the 2746 member families in the HCA to dig deep in their pockets, remembering all they have gained from membership in the HCA, and "give till it feels good." So far, one percent of the membership have donated two percent of the funds probably necessary to purchase all the Heisey moulds.

You will soon be receiving a letter from me explaining in detail what we will be doing and needing. Please consider our request, and send as much as you can to:

"MOULD FUND"
c/o HCA
P.O. BOX 27
NEWARK, OH 43055

Opinions expressed in articles are those of the authors and not necessarily those of HCA. Editorial Staff reserves the right to edit or refuse any material submitted for publication. Send all letters and articles to the EDITOR. Letters to columnists should be sent to the club address and will be forwarded.

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* Other hours by appointment. Members admitted free.

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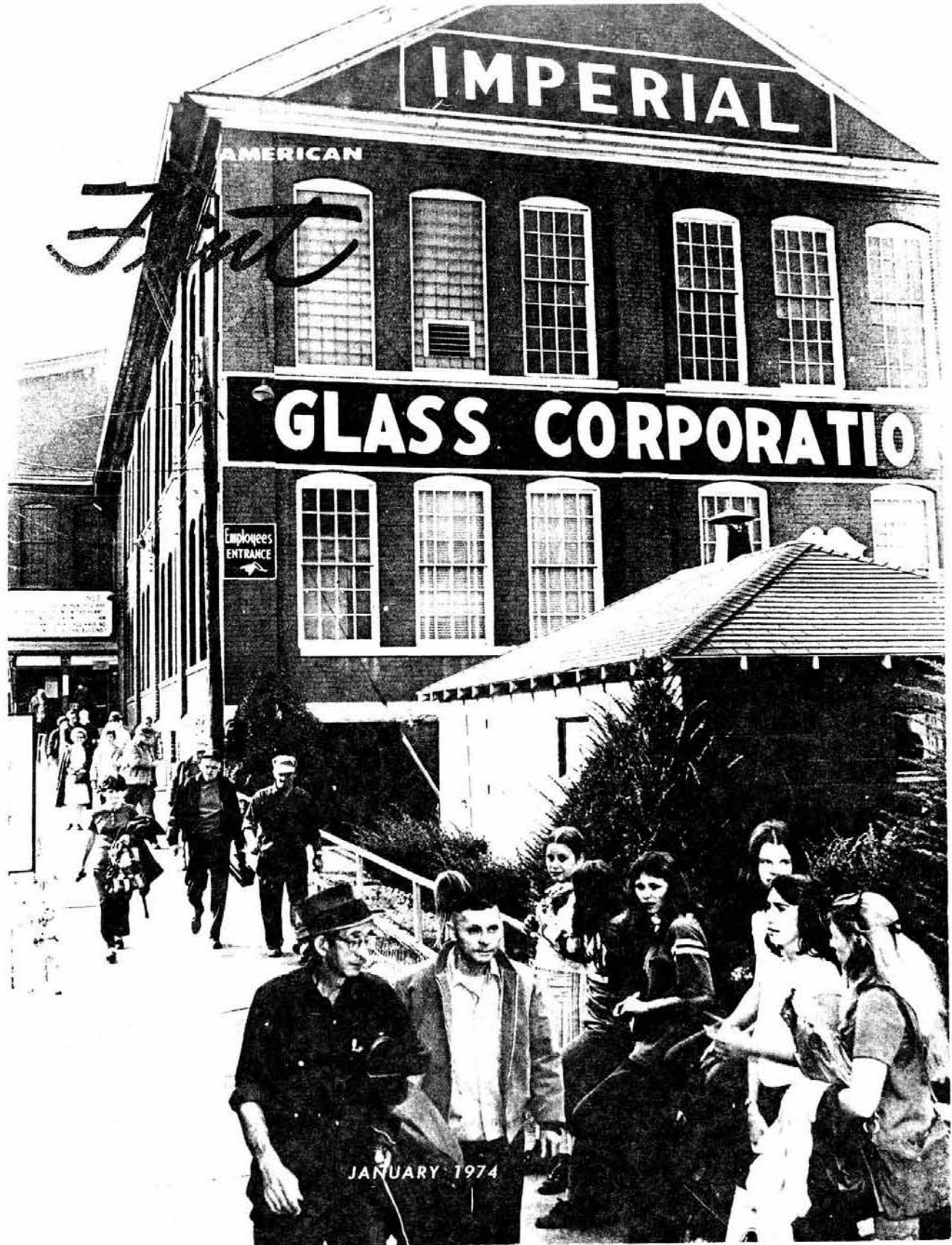
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* We cannot double-column ads.
* ALL ADS MUST BE PREPAID. Ad copy must be received by the 5th of the month to be included in that month's NEWS. Ads containing reproductions will not knowingly be accepted unless clearly stated (i.e. Heisey by Imperial, etc). HEISEY News assumes no responsibility for false advertising or misleading information. In the event of typographical error, the incorrect portion of the ad will be run in the following issue, but HEISEY NEWS assumes no further liability.



Sadly, the Imperial Glass Corporation will probably be closing its doors on June 29 when it will go into Chapter 7 Bankruptcy. Founded in 1901, it has been in business for 22 more years than was the A. H. Heisey & Co.

As another handmade glass company in the United States, and particularly the Ohio Valley, bites the dust, one begins to wonder what the future will bring. It should cause us all to more deeply treasure the fine glassware which we own -- as the art of making handmade seems to be dying in this country.

A NEW CENTURY . . .

. . . A NEW COMPANY

In 1901, Imperial Glass was organized by a group of Wheeling, West Virginia and Bellaire, Ohio investors, with the aim of making the company the "most modern glass factory in America."

Glassmaking was not new to Bellaire. In fact, at its founding, Imperial became the newest of 14 "glass houses" in Bellaire. Despite this, on January 13, 1904, amid much celebration and after the completion of several years of construction, installing furnaces, and creating a number of initial molds, the first Imperial glass was made.

Imperial's first sale was to the F.W. Woolworth Co. Woolworth's initial order, for almost 500 stores, included approximately 20 items such as a covered butter dish, pickle dish, and a berry bowl. Future years saw Imperial produce items for such retailers as McCrory and Kresge. Imperial's earliest products were for the "mass markets": jelly glasses with tin lids; pressed tumblers with horseshoe and star designs on the bottoms; and assorted tableware items.

1910 to 1920 heralded the beginning of change in Imperial's markets, as machine glassware companies began flooding the market, previously held by the hand-glass factories, with machine glassware.

From 1910 to 1929, Imperial's product lines expanded. First came "Nuart" iridescent ware.

Another line of Imperial's iridescent glassware that proved popular was a group of colored and satin frosted electric lamp shades in an imitation "Tiffany" style.

Following "Nuart", Imperial introduced "Nucut" Crystal: handpressed reproductions of early English cut glass pieces. "Nucut" sold well, particularly as premiums. In fact, the Grand Union Tea Company purchased approximately \$15,000 worth per month for several years. In the 1950's, "Nucut" was reintroduced as "Collectors Crystal," today one of Imperial's most popular giftware lines.

In its early years, Imperial produced a variety of glassware, including pressed glass shades for gas and electric fixtures; other illuminating ware; and gasoline pump cylinders.

In 1916, the Company introduced "Imperial Jewels"...exquisite freehand, iridescent "stretch glass"

items. At this time, Imperial's scope of glassmaking activity was at a high point: numerous shops were busy making not only pressed ware but many varieties of blown and free hand ware.

In 1922, the "mass markets" further decline caused Imperial to seek new products and outlets. The Company imported a shop of Venetian glassmakers who created Imperial "Art Glass," an unsuccessful but highly distinctive collection of offhand decorative pieces in colored and cased glass.

In 1929, the forces of the Depression and Imperial's further loss of major markets to machine-glass companies combined, and in 1931, Imperial entered bankruptcy. Fortunately, the plant continued, primarily through the efforts of court-appointed receivers.

Additional impetus was given to Imperial's rebirth when the company secured a five-carload order for a premium from the Quaker Oats Company. This premium was the forerunner of today's "Cape Cod" pattern.

In 1937, Imperial's Candlewick pattern was introduced. Today the many beautiful Candlewick shapes are still among Imperial's best selling items.

1940 saw the beginning of Imperial's acquisition program with the purchase of the Central Glass Works of Wheeling (estab. 1860). In 1958 Imperial purchased the molds of the famous Heisey Company (estab. 1895), and in 1960 the Cambridge Glass Company of Cambridge, Ohio (estab. 1873).

During World War II Imperial rose to the peak of its productive activities, when 54 shops worked three shifts out of two continuous tanks and two pot furnaces.

In 1972, Imperial stockholders, recognizing the need for capital investment funds and solid financial backing, approved a stock exchange with Lenox Incorporated, America's foremost manufacturer of fine china and crystal. The sale of Imperial to Lenox was completed in January, 1973. Today Imperial is proud to be known as "Imperial Glass Corporation, a Subsidiary of Lenox, Incorporated."

The above history of Imperial Glass was taken from the booklet "A Consumer and Retail Guide to Handcrafted Glassware" published by Imperial/Lenox.

HEISEY HAS A NEW HOME ANNOUNCEMENT

"On April 29, 1958 IMPERIAL GLASS CORPORATION of Bellaire, Ohio acquired all glass making moulds, the related tools, all etching plates, customer lists, production records, patents, copyrights, trademarks and batch formulas of the 63-year-old A.H. HEISEY & COMPANY of Newark, Ohio. We have also acquired the famed Heisey name.

Already IMPERIAL is transporting these valuable assets to their Bellaire Plant. Production will commence rapidly and shipments will be made as prompt as physically possible. There will be some delays, due to the extent of this move, and your understanding, patience and cooperation is solicited.

Imperial will make every human and technical effort to maintain Heisey's honored quality record. We understand you have their most Current Catalog and Prices. We shall deeply appreciate your continued business on all Heisey items.

As to exactly who will serve you as "Imperial's Heisey Division" salesman, we cannot yet announce. Please watch the Trade Journals for this information and/or mail direct from our appointed Representatives. In the meantime, send your orders for Heisey-ware direct to Imperial.

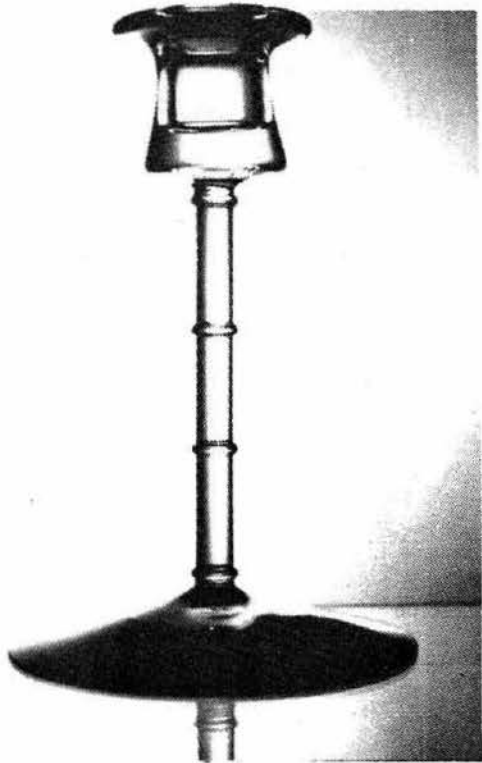
It is our dedicated purpose to better serve America's Retailers and to offer them continually improved quality in "saleable" handcrafted table glassware. We firmly believe this announcement proves these intentions."

C.W. GUSTKEY
President
Imperial Glass Corporation

HEISEY CANDLESTICKS

#117 BAMBOO*

BY TOM FELT



The no. 117 Bamboo* candlestick is rather unusual in a number of respects. To begin with, it may never have been made in all crystal. It is usually seen with a crystal candleholder and either a moongleam column and foot or a flamingo column and foot, although it has also been reported with the opposite color combination. In this respect it is similar to the no. 118 Oak Leaf* candlestick which had come out a year previously and which usually is seen either in a combination of crystal and moongleam or in a solid color. The latter is occasionally found in all crystal, however, so it is possible that the no. 117 may have been made that way as well. If so, crystal would definitely be the rarest "color" for this already elusive candlestick. Considering the time period during which it was made, it may also have been produced in hawthorne -- but that, of course, is just speculation. Has anyone ever seen this candlestick in all crystal or in hawthorne?

Another unusual aspect of this candlestick is its height. Most of the early candlesticks were either 7 inches or 9 inches tall; the no. 117, however, is 8 inches. I think it is likely that Heisey was experimenting with heights at this time, since along with the 9 inch no. 112, which also came out the same year, the no. 117 was actually the last of the tall candlesticks to be produced in the middle period. The candlesticks which followed it tended to range from only two to six inches high.

Finally the no. 117 has a very slender column, about 1/2 inch in diameter, making it the thinnest column on a candlestick ever made by Heisey. Its delicacy is balanced by the candleholder, which is about 1-3/4 inches across at the bottom and 2-1/4 inches wide at the lip. The column has four bands on it, one each at the top and bottom, and the other two equidistant from each other, so that it is divided into three equal parts, giving it the bamboo-like look from which it got its name.

This candlestick was molded in two parts, with the candleholder portion being made separately from the column and foot. Mold marks on the foot indicate that it was not applied, but was molded in one piece with the column. It is about 4-3/4 inches in diameter.

The no. 117 seems to have been made for the first time in 1927. An attempt had been made to produce this candlestick as early as June 1926, but no quantity was given in the turn book, indicating that difficulties must have arisen necessitating some re-working of the mold. Once it went into production, it continued to be made for a brief time only (about three or four years at most) which accounts for its relative scarcity today. It may have been discontinued as early as 1929 and definitely was out of production by 1933.

The candlestick generally is marked with the Diamond H at the top of the column. It has not been reissued by Imperial and it is unlikely that the mold is still in existence.

*Names assigned by researchers.

HEISEY IN THE GIFT SHOP

The Heisey Collectors of America, Inc. will accept donations of Heisey glassware for sale in the gift shop under the following conditions:

- 1) With the understanding that the HCA will have final decision as to the disposition of the glass (gift shop, auction, museum, etc.)
- 2) That wares donated for sale be limited to fifty dollars retail value, per item.
- 3) That wares be in nearly perfect condition.

Since the purpose of this policy is to supply the gift shop with sales items, it is not expected that there will be highly desirable items donated. The intent is that items will be available for the casual visitor to the museum who is looking for a memento or a gift, not to add to a collection.

The Authentication Committee will be charged with putting prices on items donated.

If any item is not sold in a reasonable length of time (six months), it may be removed and placed in an auction.

LIZ KING'S CONVENTION BANQUET POEM

"The Impossible Dream's" been proven wrong.
However, it still is a beautiful song.
It seemed impossible ten years ago,
But H.C.A. did wonders you know.

They moved the house in' Seventy-three,
Restored it completely, as you can see.
Then added glass lovely as a TeDeum
And lo! The dream of a Heisey Museum!

Sam Schnaidt was active as he could be;
Ms. Balo and Percy loaned money you see;
The Marshes, the Yeakleys, Louise and Russ Ream;
All those who loaned glass added to the
great dream.

Esther and Emogene's Christmas decor,
The docents who handled the tours and the
door,
Mary McWilliams in charge of display
For every convention, What more can I say?

Louise, our first president, still is in charge,
Sits in on committees as council-at-large.
Next president was our esteemed Bob McClain
Whose brilliant smile made all seem right
as rain.

And now we have Prexy Bredehoft - Thomas,
Who, for his first year shows a great deal of
promise.
And Neila, his wife, who writes books on
glass,
Has a desk in our office and shows lots of
class.

We've new workers now to add to our list:
More than one person can count on his fist.
The Whaleys, the Thrans, Liz Stickle, and Walt -
All of them surely worth more than their
salt!

If for example, I've not mentioned you
Be very assured that I really meant to.
All praise to each member of our H.C.A.
It's YOU who have made this a glorious day!

June 15, 1984

Liz

NEW MEMBERS OF THE BOARD OF DIRECTORS ARE:

NORMAN THRAN	-	NEWARK, OH
WM. AL MILLER	-	SHELBYVILLE, KY
DICK SMITH	-	NEWARK, OH
GEORGE SCHAMEL, III	-	BOONSBORO, MD
BURL WHALEY	-	PATASKALA, OH

GEORGE SCHAMEL, III, WAS ELECTED VICE-
PRESIDENT AND THE REST OF THE EXECUTIVE
COMMITTEE REMAIN THE SAME.

HEISEY SALTS

By Neila Bredehoft



#57 EIFFEL - name given by researchers

The #57 salt is a tall, elegant paneled salt which has not been seen with the Heisey Diamond H. It was in production from about 1937 to at least 1946. During this period it was used for several Heisey cuttings, including Churchill. It was also listed with #507 Orchid etching, although I have never seen it with an etching of any kind.

It was listed only in crystal and has not been found in any colors - not surprising since most of Heisey's pastel colors had been discontinued before this time. The shakers have a full ground bottom. The six panels swoop in an unbroken line from the top of the shaker to the bottom. Imperial also made this salt, but many were made in the later period and thus would not be of the same quality as Heisey's. Imperial produced the #57 from approximately 1979 to ca. 1982. Tops listed for the shaker include the #7 and the #657. The #7 top is glass and the #657 is metal. This would be an interesting salt to look for with various cuttings. Some of the cuttings I have seen on the shaker, I have not been able to identify fully. They appear to "match" or at least go with many different Heisey cuttings. It is possible that on an item as small as a salt, the company used one design to match several similar cuttings. Possibly time will tell about this if enough cuttings can be found and compared.

MIRRORS! WE NEED MIRRORS!!

Room #3 - Main Floor	-	18 Pcs. Mirror	-	\$336.00
Room #4 - Upstairs	-	35 Pcs. Mirror	-	605.00
Room #5 - Upstairs	-	34 Pcs. Mirror	-	585.00
Room #6 - Upstairs	-	36 Pcs. Mirror	-	670.00

THE MAGIC OF MIRRORS

Two rooms have now been mirrored - the Gift Shop with a donation from Ray Ziegler, club secretary and the parlor by the Connecticut Heisey Collectors Club.

The mirrors in the shop make so much difference - sales were never better there than at this convention. Room #3 really does need mirrors and that would complete the downstairs. The lower level is already mirrored. We still need mirrors for the above mentioned rooms.

diamonds are forever.....

By Janet M. Caswell

Perhaps now that the days are longer and warmer here in the Yachting Center, I can slow down and enjoy some of the basic things our town is famous for. Today, I started! Picked up my three year old Grandson and we went on an adventure. Down to the landing to watch the "fishermen" (his first time) bring in their days catch. Crate after crate of beautiful flounder were sent up the moveable ramp to the pier, while my little one looked on with wide eyes. I don't really know which excited him more, the fish still jumping, flipping in the crates or the big fishing boats tied up to the dock below. After watching for some time, I decided that it was my turn for an adventure, so we stopped on the way home, at a small shop where I was told there was some Cobalt. Heisey? No, but real nice, maybe tomorrow I'll go back and make a purchase. But first, check out the Books!

In the meantime, "my Evergreen friends" (Maine) went to an auction and came away with twenty (20) #1506 Provincial or Whirlpool punch cups at a reasonable price, the underplate (for the punch bowl) went very high, so she left that one there. Number 467 Tally Ho silhouette etching was the order for the day for "the Wizard" from the Bay State (Mass.). He boasts, and rightly so, a #4002 Aqua Caliente 4 oz. Cocktail; the #1509 Queen Ann D/F Ice Tub and lastly but not in the least the #4027 Decanter. Wish I could show you pictures of these pieces, they are absolutely gorgeous.

One of my "Sharp eyed friends" (Mass.) spotted and acquired a very nice addition to his collection. The #1225-109 Petticoat Dolphin, footed comportier in Flamingo. While "Twinkletoes" came up with the very elusive #339 Continental Water Bottle in Flamingo. Look in Yeakleys' Color Book!

There has been a lot of serious scouting around in the Bay State of late; lets see how many things I can list before we all get envious and turn "moongleam"; #372 5 oz. syrup in both crystal and moongleam plus the 12 oz syrup in Sahara; #357 7 oz. crystal syrup and the #337 Touraine 13 oz. Molasses Can. There was another Water Bottle reported, this time the #1201 Fandango - that is quite a thing of beauty; #1567 Plantation sugar shaker and syrup; #5044 Constellation 12 oz. Ice Tea and the #4054 Coronation 8 oz. soda; #3335 Lady Leg Wine/Trefoil Etch; #5041 Athena Champagne; #1201 Fandango sugar; #128 Candlestick in crystal and a pair of #411 3" Candlesticks in Flamingo; #1295 Beaded Swag Goblet, Custard; #473 Narrow Flute With Rim, Footed Almond; #1252 Twist Oval Hotel Creamer in Moongleam; ready for this one - #439 Raised Loop Cruet. That is a lovely piece of glass, believe me! (Ed. Note - Only the second one we've heard of).

"Grampa W" was at a show that I also attended, over a quick cup of coffee, he gave me a short list of goodies; #356 Ash Tray; #1401 Empress 11" D/F Floral Bowl in crystal; #1951 Cabochon Cream & Sugar in crystal and quite a bit of #406 Coarse Rib - the 8" Nappy with nine

(9) 5" flared nappies; one (1) 11" plate with ten (10) 6" plates and the 9" celery - all in crystal.

"My Rebel Cousins" (KY) are the proud owners of the #3359 Plateau 6" Rose Bowl in Hawthorne!

"The Arizona Snowbird" has added some input to my column this month; #4036½ Decanter, cut; two (2) #1205 Fancy Loop Wines, cupped; and the #315 Paneled Cane Toothpick. Keep those letters coming Snowbird!

From "the Land of Lincoln" I hear tell of the Flamingo Frog Handled Plate; #4035 ¾ oz. Cologne/Duck Stopper in Flamingo and a Flamingo Duck Flower Frog. The Land of Lincoln is a delightful place and I hope you write again real soon!

What about "Yours Truly"? Let's see: #1231 Ribbed Octagon Cream and Sugar in Sahara; #429 Plain Panel Recess Cracker Jar, no lid; #1540 Lariat 13" Oval Bowl (this is really a pretty bowl); #433 Greek Key #1 Puff; #1503 Crystolite 12" Square Plate; and a #342 Paneled Colonial Creamer.

"Mountain Gal" (CA) and her "little red MGB" took off down the side of the mountain and she said she wouldn't go home until it was filled and over-flowing; #1404 Old Sandwich Ash Trays - twelve (12) of them, crystal; #1184 Yeoman 2 oz. Oil Bottle D/O and Moongleam, also the #1184 5" Lemon Dish also D/O and Moongleam; #1540 Lariat Cigarette Box Lid; #1503 Crystolite 2" Candleblocks (pair); #1205 Fancy Loop Toothpick; #354 Wide Flat Panel Cream and Sugar in Flamingo; #1489½ Puritan 4" Cigarette Box/Horse Head Finial; #341 Puritan Pickle Jar and a pair (think about it a minute, a Pair) of #333 Waldorf Astoria Golden State and Follow that "little red MGB" down the Mountain. At least we know that there is still good Heisey out there just waiting to be found. Don't give up!

"The Tipper" was mumbling something the other day about glass; maybe I got it right maybe I didn't. I'm sure he will let me know. - The #1252 Twist 7" Pickle Boat and 13" Celery both are Flamingo; #1102 11" Floral Bowl also Flamingo; #1225 7½" Plates (4) four of them, these were also in Flamingo. This must have been Tipper's day for Flamingo. Twist again, but this time in Crystal, the 1/2 Gal Jug; #350 Pinwheel and Fan Puff/Silver Top, plus the Hair Receiver to match. These make a very handsome pair. The #473 Narrow Flute With Rim 9" Nabisco Tray (that one, he says, is a little beauty), I'm sure! The last items that he managed to whisper to me about was the 12 oz. Soda #603 with the #454 Anarctic Etch.

Let me take a moment to say Thank You to everyone that stopped at the Display at Hopewell Hall to say Hello to the Mr. & Myself. We talked to many Old Friends and made many more New Ones. With all of the good Heisey that you all bought, everyone should be able to send me lists that are miles long, but I'll settle for half a page.

From the Yachting Center of the World comes my wishes for Good Luck and Good Hunting.

"Not far away we saw the port,
the strange, old fashioned town,
The lighthouse, the deserted fort
The wooden houses, quaint and brown."
HHH, Janet Caswell

CLUB NOTES

BAY STATE HEISEY COLLECTORS CLUB

The Bay State Club held its regular meeting at the Follen Church in Lexington, Mass., on May 8, 1984, with President Caswell presiding.

The program for the evening was Syrup & Molasses Cans. Janet and Lloyd showed HCA slides on the topic. Maurice Walter did the presentation of the items that the members brought and there were some beauties. Maurice did an excellent job in his presentation.

Our resident "Show & Teller" David Steer did the honors again. Here are some of the goodies found: Fandango Water Bottle; #4027 Decanter with Tally Ho Etch; #4054 Coronation Tumbler; #1509 Queen Ann Ice Bucket; #1295 Beaded Swag Goblet in Custard; #3335 Lady Leg Stem; #8070 Triple Band Shot Glass, a goodie; #1252 Twist Cream in Moongleam; #439 Raised Loop Cruet, rare; #5041 Athena Stem; #5044 Constellation Tumbler and a #109/1225 Dolphin Compote in Flamingo.

He did a capable job as usual.

Refreshments were provided by Janet Caswell and Ann Montague.

Will see you next month and I hope the convention is a huge success.

Your reporter,
George Gleason

HEISEY CLUB OF ROCHESTER, NEW YORK

The regular May meeting of our Heisey Club was held at the lovely home of Betty and Mert Evans in Rochester. Rain or shine, it is a beautiful time in this area. All the Dogwood, Redbud, Cherry and Apple trees are in bloom. Many Heisey lovers around the country may associate this area with New York City area. Actually, this is one of the largest fruit growing areas in the U.S.A. and the original site of the largest flower and tree nurseries in the world.

We would like to offer a standing invitation to all Heisey collectors in this country an opportunity to visit with us at any of our regular meetings. If anyone is interested, please get our address from the Museum.

Our meeting was opened by our President, Sharon Orienter, and the usual business matters were discussed. Some comment was made by both male and female members of the club, that no women were running for HCA office this year. The general opinion was expressed that more voting members are needed. We feel that the HCA people, past and present, have accomplished an almost super human result to date and to help support this work, more voting and interested people have to continue, so their effort to date will not be wasted. So let's get the \$25.00 in.

Sixteen of our members will be at the HCA Convention, whom I hope to be well enough to join next year. I'm starting to sound like Mr. Vogel (God Bless Him).

A secret ballot was held to determine the HCA nominees that our club representative, Jerry Gillette, will vote for. I offered to

send the results in with this offering, but was overruled.

Our Heisey subject for the day was "Heisey's Little Things," which were present in such abundance, that I had trouble keeping up with Sharon's excellent presentation of each one. The following is a list which hopefully is mostly correct: Marv & Lois Jacob - #33 Toy Candlestick; Edith Bockes - Empress oyster cocktail with underplate in Sahara, individual salt and pepper and a pair of #429 salts; Bill & Marion Heron - Diamond Point individual creamer and sugar, same in Fancy Loop, Narrow Flute in moongleam and a Crystolite and Empress individual creamer and sugar with tray; Sharon Orienter - Empress Sahara mustard, which she was left by her Grandmother, and got her started collecting Heisey, #362 Wide Flat Panel, Coleport bar glass, individual creamer and sugar in Waverly, Waverly cordial with optic and a #2401 bar glass with needle etch tating. That Waverly is really beautiful, one of my favorites. Marge & Jerry Gillette - Cube sugar in Wide Flat Panel, Square in Diamond Point individual creamer and sugar, individual Empress creamer and sugar with tray in Sahara, Crystolite the same, Narrow Flute the same in moongleam; Arlene & George Reynolds - Pineapple and Fan salt dip, toothpicks, Fancy Loop, Square in Diamond (Cut Block) Beaded Panel & Sunburst; Gert & Art Costello - Colonial #429 salt, Diamond Point jelly, toy candlestick #32 (when looking for this item, be sure handle is away from stem, not attached, Art should know.) and a Kohinor cigarette holder in limelight; Betty & Bill Barnard - Crystolite short stem violet vase and a Puritan cordial; Betty & Mert Evans - Bow tie ashtray in flamingo, apple nut or marmalade in Toujours; Bill & Marion Heron - Showed the pair of salt dips shown as rare in the latest Vogel Newscaster, #341 Puritan, #1200 Square in Diamond Point, Whirlpool sugar and creamer with tray, moongleam favor vase in diamond optic (diamond optic is the only type that Heisey made in the favor vase), Yeoman individual nut in flamingo, Saturn toothpick, that came in a set of three, and a Pillows perfume; Adele & John Pardee brought a Coronation bar glass, 1 oz., Narrow Flute bar glass, 2-1/2 oz., Kimberly stem with Courtship cutting, Trojan moongleam cordial, and an Oxford cordial among many other items.

Well I hope all of the above is right, my secretary will kill me when I give this to her to type. She does need practice on the "Easy Writer" though.

During all this, Betty Evans served some great snacks on pretty, that other glass, individual trays with some special delicious crumb cake (no fat).

As usual, our members had some special pieces for the "Show & Tell" as follows: Marge & Jerry Gillette found a French Dressing Bottle in Victorian. Marv & Lois Jacob visited Brimfield, Mass., and found a #34 candlestick, Old Sandwich candlestick in crystal, Miss Muffet in flamingo, a candlevase in limelight, and an Empress Sahara Chintz flower. Sharon Orienter found a Stanhope ice bucket with no pegs, and a Stanhope mayonnaise with pegs. (Knobs in handles) Bill & Betty Barnard, #3380 Old Dominion footed soda in diamond optic.

A. B. KNIGHT

PATENTEE AND MANUFACTURER OF THE WORLD FAMOUS

NEEDLE ETCHING MACHINE

For Tumblers, Stemware and other articles, such as Jugs with Handles, etc.

FAIRMONT, W. VA., U. S. A.

Following is a Description of the Needle Etching Machine

The Patentee was a practical Needle Etcher of several years experience, and we think we can rightfully claim, the only man that ever made Needle Etching as it should be, and this can only be done on our machines. No other machine in the world will equal them in production and fine workmanship.

All arms are geared independent of each other. The articles to be etched are held in place on the work table by vacuum, generated from a vacuum pump on the machine. The needle arms are thrown to and fro by vacuum. The movement of one valve one way by the operator first catches the tumbler or other article, then at the instant the tumbler is held tight on the work table and the one valve passes a given point the vacuum is connected to all needle arms and they are thrown in contact with the tumbler and since the tumbler is revolving all the time, by the time the girl picks up another tumbler the design has been made around the tumbler on the machine and the girl reverses the valve which first releases the arms, then the tumbler which is then ready to take off and put another tumbler or other article on.

All arms will work at any angle and the work table is adjustable up and down. All important bearings are so constructed as to take up for all lost motion, however little, which always means very fine work at a high rate of speed. The machine is equipped with automatic valves for all kinds of handle ware. The arms clear the handle automatically. The girl just puts on and takes off the tumblers as the machine is running all the time. The capacity of this machine is from five to seven tumblers per minute. The machine is run by a $\frac{3}{4}$ hp. motor, but can be run by belt power from line shaft where there is no electric current. The machine can quickly be adjusted for an endless number of designs on an endless number of different sizes and shapes of glassware.

We wish to impress on your mind that this machine will not get out of order, and these machines are easily good for 25 years and still do good work. The number of change gears and needle holders required with a machine depends on the number of designs you desire to make on different sized articles such as Tumblers, Stemware, Jugs, Decanters, Custards, etc.

If you are interested in the BEST Needle Etching Machine in the world and the best money making machine of its kind in the world get our machines.

Price complete with one filling of gears. 8 Needle Holders. 1 Special Attachment and Motor attached, F. O. B. \$ Export Boxing \$

Extra Change Gears.....\$..... Each..

Boxed for export 57 x 53 x 53 inches.

Net weight 675 lbs.

Weight Boxed for Export 1255 lbs.

A. B. KNIGHT
FAIRMONT, W. VA., U. S. A.

WEST VIRGINIA, SUNDAY MORNING - 3-24-35

INTERNATIONALLY KNOWN PRODUCTS MADE HERE

ONLY SKILLED WORKERS EMPLOYED IN EAST
SIDE FACTORY OF A.B. KNIGHT

GLASSWARE MACHINERY IS SHIPPED TO ALL PARTS OF
THE GLOBE: FACTORY BUILT IN 1918 HAS SHOWN
STEADY GROWTH: MR. KNIGHT HOLDS 14 PATENTS.

By Walter A. Bowman

Only skilled machine men are employed in A. B. Knight's machine shop, on East Park avenue, East Side. Machinery of the most efficient type is manufactured and there must be no chance of an incompetent workman making an imperfect part.

Approximately 20 machines are made for use in the manufacturing and finishing of such glassware as tumblers, steamware, tableware, pressware and packer's tumblers. No bottle machinery, such as is used by the Owens-Illinois Glass company, is manufactured in the Knight shops.

HOLDS MANY PATENTS

A. B. Knight invented the first etching machine for decorating glassware in 1905. For several years they were manufactured by other companies, but in 1918 Mr. Knight, a practical glass-worker himself, began making his own machines. His factory was a small building, size 30 by 40 feet, in the back yard of his residence.

As the years passed the demand for the Knight etching machine grew, and in 1920 he moved to his present location. As his business grew Mr. Knight gradually developed new machinery for similar purposes. At the present time he is the holder of 14 patents on such machines.

DESTROYED BY FIRE

In 1922, the Knight shop was completely destroyed by fire, but it was rebuilt immediately. The business continued to grow and in 1931, right in the midst of a great financial depression, Mr. Knight proved his confidence in his own future by enlarging and improving his factory to its present dimensions and capacity.

The worst year for the factory, in a business way, was 1933. Since that time conditions have been improving steadily and a feeling of optimism permeates the place. More men have been employed on several occasions.

HAS WORLD TRADE

The little East Side factory has a world trade that is seldom surpassed by many larger concerns. Among the countries to whom their products are shipped may be named England, France, Australia, China, Japan, many of the countries of South America, and others.

During the summer of 1934, two carloads of

machinery were shipped to England. Such orders are not at all uncommon. Glassware of high quality cannot be produced efficiently without the aid of Knight machines. Wherever glassware making get together the Knight machines are common topic of discussion and admiration.

EMPLOYMENT AND PAYROLL

In 1933, the factory employed only five persons, and these only part time. In 1934, nine men were employed with very little time off. Nine persons are on the payroll at the present time.

The payroll for 1933 was \$5,400, or approximately \$450 per month. For 1934, the payroll was \$13,300, or about \$1,100 per month.

Mr. Knight is spending the winter in Florida, but the factory is operating full time under the able direction of his assistants Mr. Alban and Mr. Stansbury.

Editor's note: The etching designs for this came with it or could be ordered. Many companies used the same designs so it is important to know the Heisey patterns in order to tell which you want to collect.

SEE NEXT PAGE FOR MORE ON A. B. KNIGHT

PUBLIC INVITED TO FREE DISPLAY

A display of hundreds of toothpick holders will be held on Sunday, August 12, from 11 a.m. to 3 p.m. at the Harley Hotel, Earth City Complex, St. Louis County, Missouri. There will be no charge for admission.

Toothpick holders were an integral part of table settings in the Victorian era and because of their small size, great variety of colors, styles and craftsmanship, have become a popular collectible. They were made of china, art glass, cut and pressed glass, metals and wood - all will be represented in the display.

This showing, which is open to the public, will be presented by members of the National Toothpick Holder Collectors Society, in conjunction with the organization's annual convention. Collectors from many states will be available to discuss toothpick holders and answer questions.

Some members will also have toothpick holders for sale.

During the convention, members will tour the Gateway Arch and the DeMenil Mansion, in addition to holding the annual banquet and auction of toothpick holders.

Meetings will feature speakers on related topics and an identification clinic will be conducted by noted pattern glass author, William Heacock.

Further information about the Society may be obtained by writing to: Joyce Ender, P.O. Box 246, Sawyer, Michigan 49125.

*Betty Evans found a Winged Scroll opal trinket box with a custard cover. If anyone knows if Heisey made this box in opal & custard, we would appreciate hearing from you.

The meeting was really interesting, as usual, with Sharon presiding.

If any HCA newsletter readers, in this area are interested in joining our group, please notify the writer at the address previously given.

George J. Reynolds
Corresponding Secretary
Rochester, NY HC

Editor's Note: Yes indeed, they made this box in both custard and opal. The #341 Puritan salt dip is not rare. Some people may not recognize it because it is not marked. It is just beautiful, in perfect crystal and usually with a punted bottom.

Similar salts do not have the scallops around the top. Often it is referred to as a "tulip" salt.

L. R.

LETTERS, WE GET LETTERS

I have gotten Diamond H in my blood now - even tip glassware over everywhere looking for diamonds. You can tell I am comparatively new in collecting.

This might interest you - your articles on HLT's is my favorite. The May 1984, issue on salts comes with a big THANK YOU. I bought a pepper with NT top from a flea market only because it was less than \$1.00, and I have studied enough that it looked like a maybe. I didn't know what it was as I had bought it before the article came out.

Well, there was old pepper stuck inside and that pepper sat there for two or more months - then your HLT's article on salts. I still couldn't find the diamond because of the pepper. I came back to that salt four or five times, then decided to look inside - dumped the pepper, wiped my finger from the bottom inside and - YAHOO - diamond. I was in the bathroom and I have heart problems. My wife hollered, "are you okay?" and I said, "you betcha - look at that!"

Keep those HLT's coming and Thanks a lot.
Stan Cole, NY

NOTICE!!!!

THE CANDLESTICK BOOK HAS BEEN DELAYED

CANDLESTICK BOOKS WILL BE SHIPPED TO ALL OF YOU, OUT OF THIS AREA WHO HAVE ORDERED THEM, JUST AS SOON AS THEY ARRIVE WHICH SHOULD BE LATE JUNE OR EARLY JULY.

TREE PRESENTED

On May 19th., members of the Old Town West Society planted a Spruce tree on the north side of the Heisey Museum in honor of Elizabeth King, former owner of the building.

Liz is pictured here placing the first shovel full of dirt around the tree while R. J. Winegardner, president of The Old Town West Society looks on.



WINNERS!

BENEFIT RAFFLE BUCKEYE HEISEY COLLECTORS CLUB

- 1ST. PRIZE - JO ANN ROUSE, SOMERSET, OH
- 2ND. PRIZE - MIRIAM PRINGLE
(DONATED TO MUSEUM)
- 3RD. PRIZE - ROSEMARY SELBY, NEWARK, OH
- 4TH. PRIZE - EILEEN ZIMMER
- 5TH. PRIZE - PHYLIS MC MANUS, NEW YORK, NY
- 6TH. PRIZE - W. F. WALTON, MARSHFIELD, MA



5-IN. NAPPY SHALLOW.
Ground Bottom.
(Also Make 4 1/2 In. Nappy Shallow.)

#427 DAISY & LEAVES

PRICES REALIZED - ALL HEISEY AUCTION

JUNE 16, 1984 - APPLE TREE AUCTION
 CENTER - CO-SPONSORS - SAM SCHNAIDT
 AND HEISEY COLLECTORS OF AMERICA, INC.

1	\$70.00	55	85.00	110A	65.00	164	110.00	219	5.00	275	230.00
2	75.00	56	90.00	111	70.00	165	65.00	220	45.00	276	60.00
3	25.00	57	40.00	112	110.00	166	60.00	221	45.00	277	15.00
3A	47.50	58	57.50	113	100.00	167	75.00	222	80.00	278	200.00
4	20.00	59	60.00	114	140.00	168	55.00	223	50.00	279	75.00
5	60.00	60	700.00	115	50.00	169	95.00	224	80.00	280	160.00
5A	70.00	61	150.00	116	40.00	170	45.00	225	50.00	281	65.00
6	55.00	62	130.00	117	45.00	171	150.00	226	105.00	282	95.00
7	120.00	63	55.00	118	55.00	172	105.00	227	55.00	283	120.00
8	100.00	64	75.00	119	45.00	173	70.00	228	55.00	284	90.00
9	85.00	65	60.00	120	25.00	174	35.00	229	125.00	285	85.00
10	90.00	66	65.00	121	70.00	175	70.00	230	60.00		
11	300.00	67	45.00	122	120.00	176	150.00	231	65.00		
12	250.00	68	55.00	123	175.00	177	40.00	232	60.00		
13	110.00	69	95.00	124	70.00	178	35.00	233	22.50		
14	110.00	70	20.00	125	50.00	179	110.00	234	60.00		
15	60.00	71	40.00	126	110.00	180	55.00	235	90.00		
16	175.00	72	62.50	127	150.00	181	50.00	236	60.00		
17	95.00	73	25.00	128	65.00	182	35.00	237	45.00		
18	40.00	74	15.00	129	120.00	183	50.00	238	250.00		
19	90.00	75	50.00	129A	45.00	184	85.00	239	35.00		
20	35.00	76	55.00	130	75.00	185	20.00	240	110.00		
21	30.00	77	35.00	131	90.00	186	40.00	241	70.00		
22	50.00	78	25.00	132	45.00	187	40.00	242	55.00		
23	80.00	79	55.00	133	240.00	188	35.00	243	90.00		
24	90.00	80	200.00	134	130.00	188A	190.00	224	550.00		
25	50.00	81	30.00	135	130.00	189	20.00	245	90.00		
26	110.00	82	40.00	136	210.00	190	85.00	246	160.00		
27	65.00	83	35.00	137	230.00	191	80.00	247	85.00		
28	65.00	84	50.00	138	75.00	192	60.00	248	400.00		
29	45.00	85	45.00	139	85.00	193	60.00	249	325.00		
30	50.00	86	25.00	140	210.00	194	30.00	250	200.00		
31	85.00	87	125.00	141	210.00	195	145.00	251	150.00		
32	95.00	88	65.00	141A	180.00	196	55.00	252	270.00		
33	275.00	89	95.00	142	55.00	197	125.00	253	145.00		
34	50.00	90	45.00	143	130.00	198	125.00	254	95.00		
35	95.00	91	65.00	144	60.00	199	55.00	255	35.00		
36	35.00	92	100.00	145	70.00	200	65.00	256	75.00		
37	55.00	93	55.00	146	70.00	201	400.00	257	140.00		
38	60.00	94	40.00	147	160.00	202	65.00	258	70.00		
39	150.00	95	65.00	148	160.00	203	850.00	259	165.00		
40	90.00	96	60.00	149	60.00	204	200.00	260	55.00		
41	275.00	97	55.00	150	100.00	205	35.00	261	40.00		
42	70.00	98	90.00	151	85.00	206	75.00	262	100.00		
43	90.00	99	85.00	152	250.00	207	25.00	263	85.00		
44	120.00	100	85.00	153	70.00	208	45.00	264	65.00		
45	150.00	101	85.00	154	85.00	209	70.00	265	45.00		
46	125.00	102	85.00	155	190.00	210	90.00	266	90.00		
47	55.00	103	45.00	156	45.00	211	50.00	267	105.00		
48	25.00	104	70.00	157	65.00	212	35.00	268	80.00		
49	170.00	105	200.00	158	40.00	213	275.00	269	60.00		
50	110.00	106	90.00	159	55.00	214	100.00	270	90.00		
51	130.00	107	35.00	160	45.00	215	225.00	271	140.00		
52	75.00	108	25.00	161	85.00	216	80.00	272	105.00		
53	225.00	109	85.00	162	85.00	217	95.00	273	150.00		
54	60.00	110	85.00	163	750.00	218	100.00	274	130.00		



NO. 1-300-1 LIGHT CANDELABRUM
 WITH "A" PRISM. HEIGHT 12 IN.



NO. 0-300-1 CANDELABRUM, 1 LIGHT
 WITH "A" PRISM. HEIGHT 10 IN.

Science Of Chemistry In Its Relation To Improved Methods Of Glass Making

"CHEMISTRY of Glass" was the subject of a most interesting and instructive paper presented by W. C. Taylor, chief chemist of the Corning Glass Works, Corning, N. Y., at the Fall meeting of the Glass Container Association in Montreal, Canada. In his address, published herewith, Mr. Taylor discusses at some length the application of the science of chemistry to improved methods in glass manufacture. The paper in full text follows:

While glass making is a chemical industry which has existed for at least 3,000 years the application of the science of chemistry for improvement in glass making dates back less than a century. The first work we have knowledge of is that of Harcourt started in England about 1834. This was followed some 50 years later by the valuable work of Scott and Abbe at Jena on the correlation of chemical composition with the physical properties of glass. Rule-of-thumb methods and secret formulas, held to be of great value were long responsible for a lack of understanding of glass chemistry, and it is only since shortly before the beginning of the present century that much progress has been made. You can, therefore, see that the chemistry of glass is a relatively new branch of science. There are many reactions not yet satisfactorily explained, and much additional research work is needed before we have the complete story of the chemistry of glass.

An old definition of glass that I learned in school says "Glass is an amorphous, transparent or translucent mixture of silicates, one of which is always an alkali." This definition covers a multitude of compositions, but we shall have to devise a new one as we now have commercial glasses free from alkali and also free from silica.

The term glass, hard as it is to define, has always carried the impression at least of compositions of the inorganic field, but during the last few years attempts have been made to extend the designation of "glass" to certain organic substances which at least visually resemble the old-fashioned silicate glasses. A modern definition therefore, would be that glass is a supercooled liquid that in composition may range from a pure element such as selenium or pure oxide such as silica to a complicated mixture of oxides or other compounds.

Now while the Glass Container Association is interested primarily in soda-lime-silicate glasses which I will take up in some detail it is probably worth while to first discuss briefly some of the other glasses.

The organic glasses are still of no great commercial importance but development along this line should be watched as there is a remote possibility of something worthwhile being done in this field. Claims are made for the organic glasses that they have greater elasticity and strength, and they may also have some advantages where lightness in weight is a factor, or where ultraviolet transmission is desired. So far these glasses show many defects. While it is true that they are very tough and resilient when new they are slowly affected by age, weather and light with consequent loss of strength. They are also scratched more readily

than ordinary glass, and lose their transparency due to scratching, effect of light, effect of water or a combination of all these. Their solubility in certain chemicals, the fact that they cannot be used at temperatures much over 200 degree C. and their high cost of manufacture are additional factors holding back the commercial exploitation of such glasses.

Alkali-free inorganic glasses have some advantages in chemical and electrical properties which may find a limited application although these glasses have certain disadvantages from the manufacturing standpoint in regard to melting and working. Silica-free inorganic glasses lack in general the durability of silica glasses but may find some limited application where special physical properties are desired, and where the lack of durability of the glass can be overcome by surrounding conditions or must be put up with as a necessary evil.

TYPES OF SILICATE GLASSES

Now to get back to our good old-fashioned silicate glasses. These can be separated into four general types which we will call lime, lead, boro-silicate and colored glasses. The greatest of all these in tonnage is lime glass, the basis of the window and plate glass industry as well as the glass container field. While lime glass has its limitations, its cheapness, combined with reasonable durability and good resistance to weathering, has made it the most widely used of all glasses.

In its simplest form it is a fused mixture of sand, soda and lime. The percentage of each constituent may vary according to the use of the glass, and other elements may be added or substituted to improve certain properties. These changes usually increase cost, and are made with some definite advantage in mind. While the best lime glasses center around the molecular proportions of $\text{Na}_2\text{O}\cdot\text{CaO}\cdot 6\text{SiO}_2$ we cannot give glass a definite chemical formula, but have to consider it as a mixture of oxides or silicates. Various attempts have been made to determine the constitution of glass without a success. Morey and Wyckoff (Journal of Society of Glass Technology, 9-256 [1925] even attempted this by X-ray methods with inconclusive results. Although these authors established a structure for the compound $\text{Na}_2\text{O}\cdot\text{CaO}\cdot\text{SiO}_2$ and others, they found the pattern obtained from a glass, even though it be of the composition of a pure crystal, was different in pattern from the crystal.

Several slides were here shown and discussed. Among these were shown the chemically stable and mechanically strong glasses in the ternary system $\text{Na}_2\text{O}\cdot\text{CaO}\cdot\text{SiO}_2$. Variations in melting points, viscosity, density and refractive index were also shown for the same system.

In a general way it can be said that soda is used primarily as a flux to aid in melting, and its use is limited by the fact that it makes the glass more soluble and less resistant to weathering. It raises the coefficient of expansion thus making the glass more difficult to work without checking, more difficult to anneal, and less resistant to temperature changes, or in other words more brittle. The surface is also not as tough, and scratches more readily. Lime also serves as a

flux at melting temperatures, and has a beneficial effect on the chemical resistance and surface hardness. In excess, however, it may lead to crystallization and too quick a setting rate so that the glass does not have the proper working range. Silica while raising the melting temperature is necessary in considerable percentage to obtain a durable glass of good working qualities. Excessive silica results in a glass too hard to melt and with a tendency to crystallize. Too little silica if combined with excessive soda gives too soluble a glass, if with excessive lime too quick a setting rate.

With these limitations the next step is to consider what other elements may be added or substituted. Potash may be substituted in part or entirely for soda at a decidedly increased cost. For ordinary use it has no advantage and some disadvantages. It is not as good a flux as soda, and it makes a glass of even lower surface hardness. It has some advantage in changing the viscosity curve, and in preventing devitrification. Lithia would have some advantages as a substitute for soda if it were not so expensive as to be prohibitive for ordinary use. It has much greater fluxing power offset by a greater tendency to devitrification.

As a substitute for lime, magnesia is the element most frequently used. A mixture of calcium and magnesium oxides in about equal proportions gives a softer and a lower melting glass with a better working range than is obtained with either oxide alone. The fluxing action of magnesia is about the same as lime, and it has therefore been found advantageous in many cases to use magnesia limestone rather than pure lime although not generally considered worthwhile to go to the expense of adding MgO as such to further increase the ratio of MgO to CaO. Barium and zinc may also be substituted, but because of their expense are not used except where special properties are desired.

There is no element which we exactly substitute for silica although alumina might be considered in this light. The use of small amounts of alumina has become more and more popular of recent years. It has the advantage of promoting chemical resistance, and toughness, and tends to prevent crystallization. Its hardening effect is greater, however, than that of silica, and if used in large amounts makes a glass difficult to fuse and difficult to work. It is also more difficult to obtain alumina glasses homogeneous and free from striæ. Traces of alumina are present in all glasses, and are obtained from sand and from the clay refractories with which the melting glass is in contact. The alumina thus obtained may vary from one per cent up to slightly over one per cent without having been deliberately introduced.

In addition to the major constituents such as soda, lime and silica, we have numerous minor constituents which formerly were not given much consideration, but which have in many cases been shown to be of importance. Most important of these is perhaps alumina which I have just discussed. Other common impurities are small amounts of sulphates, and chlorides traces of water and carbon dioxide, fluorides, titanium and iron oxides and sometimes many others. Arsenic is usually introduced as a clarifying agent and sometimes antimony or boric oxide is added in small amounts.

The general rules that I have stated to you regarding the main glass constituents are at the present time quite well-known and some work has been done on the effect of minor impurities. About these, however, we still have a lot to learn. It seems to hold generally true in glass chemistry that small traces of an element exert an influence on the

glass in greater proportion than larger amounts. This is noticeably true of such constituents as alumina and boric oxide. Of course, in amounts of less than one per cent impurities did not exert enough influence to attract the attention of the glass workers of 10 and 20 years ago, but in the present age of highly developed and sensitive machines, and of more rigid requirement in standardized product influences which were formerly negligible became of importance.

Studying the effect of some of these impurities and the effect of small variations is by no means easy and involves in most cases much labor in working out new methods of analysis and new test methods delicate enough to measure the small amounts and small effects.

Before closing I wish to briefly discuss the other three types of silicate glasses in order to complete the story.

LEAD GLASS LESS COMMON

Lead glass is not as common as lime glass chiefly because of its higher cost of materials. Lead glass formerly held a considerable market as tableware, being used not only for cut glass, but for plain ware as well. It was also the glass used for bulbs and tubing for the electric lamp industry and for railroad signal glasses. Its use has been much reduced in recent years by improvements in the cheaper lime glass. The change from lead to lime glass in the electric lamp industry was the result of many years work by the laboratories, and makes too long a story to be told here in full. Briefly, however lead glass had certain decided advantages such as low melting temperature, long working range and fairly high electrical resistance. Its big disadvantage was that it did not lend itself to machine operation because it seemed impossible to get good quality lead glass from tanks. A non lead glass was finally developed which could be used in lamps, and eventually proved to be superior to lead glass for high speed machine production. Lead glass is still used for some special purposes such as optical glass and electrical tubing where its electrical-resistance, its extra softness or its high refractive index make its use necessary. I might add at this point that after the change to non-lead bulbs had taken place special refractories were developed at Corning which enable us today to successfully melt lead glass in tanks for the production of electrical tubing.

Borosilicate glass is made primarily where resistance to heat shock, or chemical or electrical resistance is needed. Because of its higher cost its use is limited to those fields where these special properties are required.

Colored glasses while but a small part of the glass field involve a very considerable amount of glass chemistry. There are two types of color, one of which is not affected by working conditions and is dependent on chemical composition for its uniformity. The other type in addition to chemical composition is dependent on a time-temperature cycle. In general the colors of the purple-blue-green end of the spectrum are produced by the use of direct coloring oxides not influenced by heat treatment. The oxides commonly used are, nickel or cobalt for purple, cobalt with copper for blue, and copper or chromium or both for green. Many other oxides such as manganese, iron, titanium, cerium, vanadium, uranium, etc., are used in special cases for variations. Yellows are made most commonly with iron and carbon, but can be produced in almost an infinite number of ways. Some yellows are appreciably affected by heat treatment, while others are not affected at all. Reds are produced by either gold, copper or selenium and all of these colors are very materially affected by heat treatment. White or

opal is usually produced by fluorides or phosphates, but can be produced in other ways. Practically all opals are dependent on heat treatment.

The story of colored glass is so complicated, and of such minor interest to the Glass Container Association that I have only briefly outlined it. A small percentage of glass containers are today colored or tinted so as to retard the effects of certain light rays in the foods, chemicals or beverages contained therein.

In closing I would just like to sum up some of the lines where further chemical work will improve the industry. First of all we need less soluble refractories for pots and tanks as these are now a source of contamination varying somewhat from day to day thus influencing the physical properties of the glass and causing nonhomogeneity and glass defects. There is further work to be done on obtaining the ideal glass for machine operation in respect to cost of materials, melting cost, workability, less tendency to devitrify with less attack on refractories, and with still greater durability. Progress along these lines will probably be obtained by a more complete study of the effect of such volatile or semi-volatile impurities as water, carbon dioxide, chlorine, sulphates, phosphates and fluorides and the effects of small additions of more expensive elements.

ATTENTION: CONVENTION DISPLAY

I wish to thank the Display Committee for all their hard work during convention.

To all the clubs, individual collectors, and those who brought their table settings, may I offer my sincere appreciation for their labor of love.

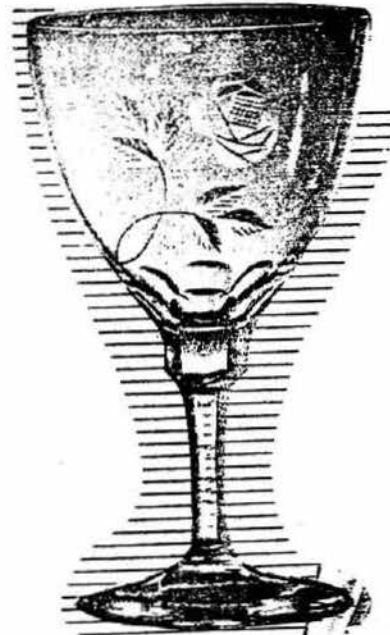
To those who gave of their time to act as docents, a special thanks.

We have had another successful and beautiful Display to add to our growing list of memories and a challenge to the future.

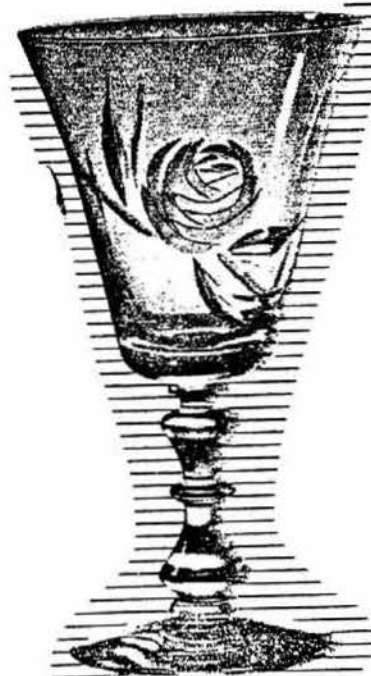
Mary McWilliams

Other companies made Rose pattern, too. These are only a few of the Rose patterns made by other companies.

"Margaret Rose" by Duncan & Miller



Tiffin's "Silver Rose"



Fostoria's "Rose"



#439 RAISED LOOP CRUET
(Hard to find)



No. 12 Salt or Pepper
No. 60 Metal Top



No. 12 Salt or Pepper
No. 336 Chromium Plated Top



No. 12 Salt or Pepper
No. 4 Glass Top



No. 12 Salt or Pepper
No. AA Silver Plated Top



No. 12 Salt or Pepper
No. 682-2 Salt Proof Top



No. 23 Blown Salt or Pepper
No. 7 Glass Top



No. 23 Blown Salt or Pepper
No. 657 Salt Proof Top



No. 23 Blown Salt or Pepper
No. 57 Metal Top



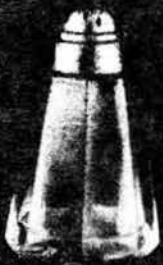
No. 24 Blown Salt or Pepper
No. 7 Glass Top



No. 24 Blown Salt or Pepper
No. 57 Metal Top



No. 24 Blown Salt or Pepper
No. 657 Salt Proof Top



No. 25
Blown Salt or Pepper
No. 57 Metal Top



No. 25
Blown Salt or Pepper
No. 657 Salt Proof Top



No. 27
Blown Salt or Pepper
No. 57 Metal Top



No. 27
Blown Salt or Pepper
No. 657 Salt Proof Top



No. 42
Blown Salt or Pepper
No. 7 Glass Top



No. 42
Blown Salt or Pepper
No. 57 Metal Top



No. 42
Blown Salt or Pepper
No. 657 Salt Proof Top



No. 48
Blown Salt or Pepper
No. 7 Glass Top



No. 48
Blown Salt or Pepper
No. 57 Metal Top



No. 48
Blown Salt or Pepper
No. 657 Salt Proof Top



No. 54
Blown Salt or Pepper
No. 7 Glass Top



No. 52
Blown Salt or Pepper
No. 5 Glass Top



No. 54
Blown Salt or Pepper
No. 57 Metal Top



No. 54
Blown Salt or Pepper
No. 657 Salt Proof Top

For All Other Salts or Peppers See Lines

YESTERYEAR ANTIQUES
 P.O. BOX 55
 OSHTEMO, MI 49077

PH: 616-372-3136
 P & I EXTRA

*OAK GROVE ANTIQUES
 *49 GROVE STREET
 *AYER, MA 01432

PH: 617-772-2538
 After 5 p.m.
 P & I EXTRA

- COLT, Standing.....\$ 110.00
- GIRAFFE, Head Back..... 165.00
- DONKEY..... 350.00
- RINGNECK PHEASANT, Marked..... 165.00
- SCOTTIE DOG..... 140.00
- LARGE ELEPHANT..... 350.00
- ELEPHANT HANDLED Childs Mug..... 425.00
- #5074 SEAHORSE STEM Cocktails (8) ea.. 245.00
- or ALL FOR (Price includes orig. Heisey Shipping Carton)..... 1,600.00
- #3404 SPANISH Oyster Cocktail, Cobalt (8) ea..... 70.00
- or ALL FOR..... 500.00
- FLARED CATHEDRAL VASE, Cobalt... 445.00
- #3404 SPANISH Cocktail, 3 oz., Cobalt (6) ea..... 140.00
- or ALL FOR..... 800.00
- #1519 WAVERLY 8" Plates, Orchid (15) each..... 25.00
- # 134 TRIDENT 2-Lite Candles, Sahara Pair..... 185.00
- #1401 EMPRESS, D/F Pitcher, Sahara... 150.00
- #1405 IPSWICH Candle Vase With Crystal Inserts and Prisms, Sahara..pr.. 525.00
- #3390 CARCASSONE 11 oz. Footed Tumblers, Sahara (15) ea..... 30.00
- #1401 EMPRESS Cups & Saucers, Sahara (7) Set..... 50.00
- #3390 CARCASSONE 11 oz., Footed Stem, Old Colony, Flamingo (6) ea..... 20.00
- or ALL FOR..... 100.00
- #3390 CARCASSONE 6 oz. Sherbet, Old Colony, Flamingo (3) ea..... 18.00
- or ALL FOR..... 45.00
- #1255 PINEAPPLE & FAN Tumblers With Excellent Gold, Emerald (4) ea.. 80.00

VISA & MASTERCARD WELCOME

12TH ANNUAL MINI-SHOW
 AND FLEA MARKET
 SEPTEMBER 8, 1984

8:30 A.M - 2:30 P.M., 50¢ DONATION

TENT - MUSEUM GROUNDS
 SIXTH & CHURCH STREETS
 NEWARK, OHIO

FOR DEALER SPACE CONTACT:

DICK SMITH
 225 UPSON DOWNS
 NEWARK, OH 43055

PH: 614-366-5163 or HCA
 614-345-2932

BENEFIT NATIONAL HEISEY GLASS MUSEUM

- * Marked
- * # 112 CANDLESTICKS, Orchid Etched..Pr.....\$50.00
- * # 331 COLONIAL PANEL 2 oz. Oil, No Stopper* 10.00
- * # 351 PRISCILLA 6" Sweet Pea Vase*..... 15.00
- * # 351 PRISCILLA 2 oz. Oil, No Stopper* 10.00
- * # 353 MEDIUM FLAT PANEL 7 oz. Sanitary Syrup, Cover not perfect*..... 27.50
- * # 393 NARROW FLUTE Finger Bowls With Under-plate*(2) ea..... 12.00
- * # 397 COLONIAL CUPPED SCALLOP 8" Candy Tray* 28.00
- * # 465 RECESSED PANEL 1 Lb. Candy Jar, Etched*..... 45.00
- * #1184 YEOMAN 8" D/O Bowl, Moongleam*..... 20.00
- * #1231 RIBBED OCTAGON 12" Bowl, Moongleam*.. 35.00
- * #1401 EMPRESS D/F Mayo Bowl, Flamingo*..... 37.50
- * #1401 EMPRESS D/F Handled 8-1/2 Bowl, Flamingo*..... 32.00
- * #1467 RIDGELEIGH Square Ashtrays*(4) ea.... 6.00
- * or ALL FOR..... 22.00
- * #1503 CRYSTOLITE 13" Bowl..... 22.00
- * #1467 RIDGELEIGH 6" Cheese, Silver Overlay* 22.00
- * #1503 CRYSTOLITE 7" 2-Handled Snack..... 14.00
- * ROOSTER COCKTAIL SHAKER TOP..... 27.00
- * #3380 OLD DOMINION D/O Cry. Bowl, Moongleam Stem (3) 10 oz. Goblet 6-1/2 oz. Sherbet (2) ea; 6-1/2 oz. Champagne, ea..... 14.00
- * OR ALL FOR..... 90.00

MEMBERSHIP REPORT

I would like to say now what I couldn't say when speaking to you at the breakfast Sunday morning - not because I wasn't allowed - just simply that I was so nervous I couldn't get it out.

You already know what a fine organization you belong to if you were one of the lucky ones that attended the convention. Aren't they all just great?

We want to inform you that one of our great members, Maurice Seeber, really outdid himself on the Membership Drive this past three years. He recommended (and they became members) forty-two (42) people. Maurice is from the state of Washington. He was unable to attend the convention but we want him to know we appreciate his efforts.

Next in line was Frank Maloney, Mass. To his credit ten new members and Zeta Todd, Colorado, nine new members.

We have had several members working on our Membership Drive as we have many with one or two new members for a total of 329 new members.

We want to thank every member who participated in this drive.

Your stock certificates are still good and your recommendations will still be honored until we run out of certificates - but we only have a few left.

We all hope that you had a safe trip home, and that you remain healthy, happy Heisey collectors.

Merrell
 Membership

Classified Ads

WANTED: HEISEY: Sunburst Pattern, Especially Goblets. Sunburst and Pillows Butter Bottoms. #3312 Augusta Stem With/19 Needle Etch Saucer Champagnes. Empress Sahara Mustard Top. Mint Condition Only. ADELE PARDEE, 37 Shire Oaks Drive, Pittsford, NY 14534.

WANTED: #407 Coarse Rib 9-1/2 and 11 inch crystal Plates. RON KOVACS, 475 Kime Avenue, W-Islip, NY 11795 - PH: 516-242-5496.

WANTED: Favor Vases - Write or Call: RAPHAEL C. WISE, 512 Broughton Drive, Beverly, Mass. 01915 - PH: 617-921-0115.

WANTED: We will buy fine Heisey glass - Write or call: RAPHAEL C. WISE, 512 Broughton Drive, Beverly, Mass. 01915 - PH: 617-921-0115.

WANTED: #6010 Finesse Pattern, Wanted to buy 3 footed juice (or will exchange 3 iced teas) LEONARD LOCKE, 1820 LaSalle Street, Ottawa, IL 61350.

FOR SALE: Punch Bowl and Base, Beaded Panel Sunburst - \$200.00 - DAVID SEARLES
PH: 614-369-5009.

WANTED: Buying Caprice Blue or Rosepoint by Cambridge, Rose or Orchid by Heisey, and American, June, Fairfax, Versailles, Trojan, etch by Fostoria. NADINE PANKOW, 207 S. Oakwood, Willow Spring, IL 60480 - PH: 312-839-5231.

HEISEY SALE: Including choice miniatures - New list each Jan., May & Sept. L SASE, Please, CLIFF HARRALSON, 1426 W. Highland, Springfield, MO 65807.

FOR SALE: Most Colors, Most Patterns, 2000 pieces of Heisey to choose from. S.A.S.E Please. No list available, Write Wants. PEGGY'S ANTIQUES, Box 367, Spavinaw, OK 74366
PH: 918-589-2859.

FOR SALE: Send SASE (Bus. Size) for Heisey mail list, over 200 items, or send needs plus SASE. J. & R. COLLECTIBLES, 1032 Fairlawn Ave., Newark, OH 43055



PATTON HOUSE ANTIQUES PH: 703-967-1181
P.O. BOX 547 After 6 p.m.
LOUISA, VA 23093 P & I Extra

* Marked

#1252	TWIST 8" Plates, Flamingo* (2) ea.	\$ 12.00
#1404	OLD SANDWICH Console Bowl, Sahara*	62.50
#1252	TWIST Ind. Cr. & Sugar, Mglm.*....	60.00
#1467	RIDGELEIGH 11" 3-Pt. Relish*.....	24.50
# 417	DOUBLE RIB & PANEL Basket, Hawthorne*.....	175.00
#1503	CRYSTOLITE Parfaits (4)* ea.....	18.50
#1425	VICTORIAN Plates 8" (4)* ea.....	18.50
# 515	TRIDENT Candlesticks, Rose Etch, Pr.....	75.00
# 449	THUMBPRINT & PANEL 8" Vase*.....	48.50

DOROTHY TARQUINIO

GET WELL QUICK!

WE MISSED YOU AT THE SHOW.

LOUISE AND RUSS
JACK AND RUTH
DICK AND DOROTHY



THE PURPOSE OF THE ASSOCIATION IS TO UNITE PEOPLE IN GOOD FELLOWSHIP THROUGH SPONSORED ACTIVITIES AND FORM A CENTRAL ORGANIZATION OF MEMBERS WHO ARE INTERESTED IN PROMOTING DEPRESSION GLASS THROUGH AN EXCHANGE OF IDEAS AND INFORMATION.

BENEFITS OF MEMBERSHIP INCLUDE RECEIPT OF THE NEWSLETTER 'NEWS & VIEWS', VOTING PRIVLEDGES, AND NOTICE OF SPECIAL EVENTS SUCH AS THE ANNUAL CONVENTION, SHOW, AND SALE.

APPLICATION FOR MEMBERSHIP

MEMBERSHIP DUES PER YEAR • SINGLE, \$8.00 _____ FAMILY, \$10.00 _____

MR. MRS. MISS MS. _____

NAME

ADDRESS _____

CITY _____

STATE _____

ZIP _____

MAKE CHECKS PAYABLE TO NDGA, INC., AND MAIL TO ■ GEORGEANN HEMRY, MEMBERSHIPS
8337 SANTA FE LANE

H.N.

SHAWNEE MISSION, KS 66212



LYNNE  ART'S
DOLL HOUSE



ROUTE 202
LAHASKA, PA 18931
(215) 794-7800

"HEISEY OUR SPECIALTY"

P.O. BOX 54-6014
MIAMI BEACH, FL 33154
(305) 861-7700

DEAR FRIENDS,

IT IS WITH EQUAL PARTS OF PLEASURE AND SADNESS THAT WE ANNOUNCE OUR RETIREMENT FROM THE HEISEY GLASS BUSINESS,

SADNESS, BECAUSE WE WILL MISS SHARING OUR LOVE OF HEISEY GLASS WITH SO MANY WHO HAVE BECOME REAL FRIENDS THROUGH HEISEY COLLECTING,

PLEASURE BECAUSE WE KNOW THAT OUR SUCCESSORS, CINDY, SAM, AND BERNICE OF "THE GLASS CONNECTION" WILL BE MAKING NEW FRIENDS FOR HEISEY AND THEMSELVES,

THANK YOU ALL FOR SO MANY WONDERFUL YEARS,

AFTER ALL IS SAID AND DONE, THE FRIENDS WE MADE ALONG THE WAY, ARE THE MOST VALUED COLLECTION OF ALL.

Lynne and Art



WE'RE HERE!



DEAR DEALERS & FELLOW COLLECTORS:

IT IS WITH GREAT PLEASURE "THE GLASS CONNECTION" ANNOUNCES THE ACQUISITION OF LYNNE-ART'S GLASS HOUSE,

AS COLLECTORS WE HAVE ENJOYED THE BEAUTIFUL ART OF HEISEYING FOR A NUMBER OF YEARS. WE NOW HAVE THE ABILITY TO SHARE OUR PREOCCUPATION WITH YOU AND LOOK FORWARD TO CONTINUING THE TRADITION OF EXCELLENCE ESTABLISHED BY LYNNE AND ART.

SINCERELY,

CINDY, SAM AND BERNICE
THE GLASS CONNECTION
P.O. BOX 526
COLLEGEVILLE, PA 19426

GLASS & POTTERY · SHOW AND SALE · OVER 40 DEALERS

2ND ANNUAL DEPRESSION ERA GLASS AND POTTERY SHOW
St. Clair Fairgrounds (Air Conditioned Building)
Belleville, Illinois

SATURDAY - August 11 - 10 A.M. to 5 P.M.
SUNDAY - August 12 - 10 A.M. to 4 P.M.

SPECIAL GUESTS: GENE FLORENCE - Noted Author
TOM BREDEHOFT - President, Heisey Collections of
America
NEILA BREDEHOFT - Columnist, Depression Daze

SPECIAL DISPLAYS: HEISEY, CAMBRIDGE, FOSTORIA, IMPERIAL, FENTON
GLASS REPAIR (GRINDING) AVAILABLE DOOR PRIZES
ADMISSION: \$1.25 - GOOD FOR BOTH DAYS
SPONSORED BY: SOUTHERN ILLINOIS DIAMOND H SEEKERS

REYNOLDSBURG HEISEY COLLECTORS CLUB

ANTIQUE FLEA MARKET

NEW LOCATION

ALADDIN TEMPLE

COLUMBUS, OHIO

I-270 STELZER ROAD/MORSE ROAD EXIT

OCTOBER 28, 1984 - 9-4

DEALERS WANTED - PHONE:

DOROTHY MARSHALL SHIRLEY BAGFORD
614-866-4522 614-866-0032

6TH ANNUAL

Glass BASH '84
SHOW & SALE

GLASS - ANTIQUES - COLLECTIBLES

JULY 20-21-22

ALADDIN TEMPLE
I-270 AT 3850 STELZER RD. / MORSE RD. EXIT
COLUMBUS, OHIO

60 Quality Glass & Antique
Dealers from 10 states

★

Displays by National Glass Clubs

★

Free Lectures 11 a.m. Sat. & Sun.

★

Pay Once — Good all Weekend

Friday 'Early Bird Buying' — 7 p.m. - 10 p.m.

Admission: \$3.00 Each

★

Sat. 12-9 p.m. Sun. 12-5 p.m.

Admission: \$2.00 Each

Manager - Barbara Shaeffer (614) 374-2719

We assume no responsibility for errors in these ads after the first printing...Editor. For changes in ads during the year, please send \$2.00 per line.

<p>A DOOR ANTIQUES Heisey My Specialty South Euclid, Oh. 44121 PH: (216) 381-3008</p>	<p>GERT'S GLASS Heisey & Duncan Gertrude & Russell Swetnam 1926 Saratoga Dr., Adelphi, Md. 20783 PH: (301) 434-5113</p>	<p>MOSTLY HEISEY Rhoda Curley 16 Clayton Place Albany, NY 12209 By Appointment, PH: (518) 482-6272</p>
<p>ALL HEISEY AUCTION Consignments Welcome Apple Tree Auction Center 1616 W. Church, Newark, Oh. 43055 PH: (614) 344-9449</p>	<p>GLASS 'N' GLASS Virginia & Odell Johnson Rt. 1, Box 1324 Hayward, WI 54843 PH: (715) 462-3753</p>	<p>MOUND BUILDERS ANTIQUES Heisey & Animals, General Antiques Irene Rauck 1138 Moundview, Newark, Oh. 43055 PH: (614) 344-6043</p>
<p>ANN'S GIFTS & ANTIQUES 105 W. Main St., Hebron, Oh. 43025 Intersection of Rts. 40 & 79 Next door to Daisy Queen Daily 10:30 - 5:30 - Closed Thursday</p>	<p>GLASS WITH CLASS Lenore A Shelley, GGHCC 1336 Lincoln Avenue San Jose, Ca. 95125 PH: (408) 286-8098</p>	<p>PATTON HOUSE Heisey & Duncan Miller Rocky's Mall, I-81 & US 11 Weyer's Cave, Va. 24486 PH: (703) 967-1181</p>
<p>ANTIQUES - THE SHULTZES 206-208 East Main St. Newmanstown, Pa. 17073 15 Miles West of Reading, Pa. PH: (215) 589-2819</p>	<p>GREEN ACRES FARMS Antiques, Crystal Glass & Collectibles 2678 Hazelton-Etna Rd., SW (S.R. 310-N) Pataskala, Oh. 43062 Sat. or Sun. PM or call (614) 927-1882</p>	<p>R & L ANTIQUES - SAN FRANCISCO Shows only - Always lots of Heisey Member of Golden Gate Heisey Club P.O. Box 3614, Daly City, Ca. 94015 PH: (415) 621-6693</p>
<p>AVERY'S QUALITY ANTIQUES Heisey, Other Glass & China Shows or by Appointment 2112 First St., Jackson, Mi. 49203 PH: (517) 783-4075</p>	<p>H & R DIAMOND H Helen & Robert Rarey 1450 White Ash Dr. Columbus, Oh. 43204 PH: (614) 279-0390 after 5:30</p>	<p>RAMBLING LANE ANTIQUES Featuring Heisey & Other fine glass Keith & Evelyn Hoover Rt. 4, Box 1005, Rhinelander, WI. 54501 - PH: (715) 282-5019</p>
<p>B & B HEISEY & COLLECTIBLES B. Whaley 300 International Dr. Pataskala, Oh. 43062 By Appointment; PH: (614) 927-1557</p>	<p>HAPPY HAVEN ANTIQUES Mary Dumke 41319 Rattlesnake Rd. Grass Valley, Ca. 95945 PH: (916) 237-9450</p>	<p>RAY ZIEGLER Glass repair 2265 Innis Rd. Columbus, Oh. 43224 PH: (614) 882-8446</p>
<p>C. E. HIGGINS (S. F. Bay Area) Shows and Mail Order P. O. Box 2723 Menlo Park, Ca. 94025 PH: (415) 322-0192 Evenings</p>	<p>HAPPY HEISEY HUNTERS Miniatures & other - LSASE for list New list Jan. 1, May 1, & Sept. 1 1426 W. Highland, Springfield, Mo. 65807 PH: (417) 833-2449</p>	<p>SCHWAN'S ANTIQUES Shop & Shows Rt. 1, Box 175-B, John Tyler Highway Williamsburg, Va. 23185 PH: (804) 229-7873</p>
<p>C & J ANTIQUES Cole & Jean Miesner Box 45, 72 Whig St. Newark Valley, NY 13811 PH: (607) 642-9905</p>	<p>HARRISON'S ANTIQUES Heisey, Cambridge, Duncan Shows, Mail, by Appointment 26 Johnston's Lane, Mercersburg, Pa. 17236 PH: (717) 328-2451</p>	<p>SUM OF LIFE Elaine & Frank Husted P.O. Box 102 Phoenixville, Pa. 19460 PH: (215) 935-2962</p>
<p>CHARLES & MILDRED FISHER Heisey, Degenhart, Imperial, Antiques, Collectibles, General Line 991 Idlewild, Newark, Oh. 43055 PH: (614) 522-5398</p>	<p>HEISEY GLASS NEWSCASTER Sample copy 70¢, 32 pg. All-Heisey Quarterly \$6.00 (1984) Back Issues \$4.00 yr. 1977-1978-1979- 1980-1981-1982-1983. Box 102, Plymouth, Oh. 44865</p>	<p>T & S ANTIQUES Specializing in Heisey Tom Martin & Steve Roderick New Rochelle, NY 10805 PH: (914) 235-9632</p>
<p>DAVE'S ANTIQUES Specializing in Heisey Shows & Appointments Tampa, Fl. 33600 PH: (813) 876-0580</p>	<p>HEISEY PUBLICATIONS All heisey Books I-II-III-IV- Heisey Newscaster, 32 pg. Quarterly - \$6.00 Back Issues - \$4.00 Box 102, Plymouth, Oh. 44865</p>	<p>THE GLASS CONNECTION Specializing in Heisey Shows & Mail Order Box 526, Collegenille, Pa. 19426 PH: (215) 489-0139</p>
<p>DIAMOND H PLUS Appointment or Mail Order George & Eileen Schamel Rt. 3, Box 419, Boonsboro, Md. 21713 PH: (301) 432-6285</p>	<p>J & R COLLECTIBLES Shows, SASE, Mail Order list June & Ray Lukasko 1032 Fairlawn, Newark, Oh. 43055 PH: (614) 344-9719</p>	<p>TRUDY MILLER ANTIQUES China & Crystal Matching Heisey A Specialty P.O. Box 740548, Dallas, Tx. 75374 PH: (214) 783-9920</p>
<p>ELLIZABETH BASSETT CASON 401 32nd St., W. Bradenton, Fl. 33505 Mail Order - List PH: (813) 748-0851</p>	<p>JOYCE'S ANTIQUES Specializing in Heisey, Cambridge, Verly's & American Glass P.O. Box 114, Albertson, NY 11507 PH: (516) 499-3396</p>	<p>WILLEY'S ANTIQUES & MUSEUM Specializing in Heisey 11110 Cannon Rd., 'frazeesburg, Oh. 43822 16 miles east of Newark, Oh. PH: (614) 828-2557</p>
<p>FOREVER HEISEY Shows and Mail Order Janice Thran 1663 Londondale Pkwy., Newark, Oh. 43055 PH: (614) 344-5955</p>	<p>JUDY'S DIAMOND H ANTIQUES Specializing in Heisey - Buy & Sell Star Rt. 3, Box 2556 Lake Isabella, Ca. 93240 PH: (619) 378-2176 by Appointment</p>	<p>YOUR AD COULD BE HERE!</p>
<p>DIE KUNST GALLERIES & ANTIQUES Specializing in Heisey Vel & Andy Andress Box 329, 725 Front St. Leavenworth, Wa. 98826 PH: (509) 549-7856</p>	<p>PEGGY'S ANTIQUES 2000 pcs. of Heisey in stock Ernie & Peggy Cox P.O. Box 367, Spavinaw, Ok. 74366 By Appointment or by Chance PH: (918) 589-2859</p>	<p>THE WOODEN SHOE Antiques & Collectibles - Buy & Sell Glass, Furniture, Estates Jim & Sheri Van Es, By Appointment 810 Elden, Herndon, Va. 22070 PH: (703) 435-9045</p>

HEISEY NEWS REFERENCE CATALOG

INTRODUCTION

This reference catalog has been compiled to assist "Heisey News" subscribers in re-searching specific information published in the aforementioned media from January, 1972 through December, 1981. Addenda are planned for subsequent years (presently 1982 is in the cataloging stage).

In addition to the data specifically noted in this catalog, each monthly news letter begins with an article "From the Desk of the President," and also, since November, 1981, a letter from the Executive Director.

Explanation for using this catalog is: If an item/pattern/etc. was just referred to in the body of an article, it is noted as to the year, month and page number (i.e., 72 - 1p10) under column headed "Reference"; if an item/pattern/etc. was the subject of an article or if a picture was shown, it is noted in the same manner under column headed "Article/Picture." In an effort to eliminate as many numbers as possible for easier reading, where cataloged listings following one another are mentioned on the same page(s) of the "Heisey News", listings are unified by parentheses and location of reference is only written once.

Many hours over the past two years have gone into the research and drafting of this catalog. It is my pleasure to donate this manuscript to the H.C.A. for the benefit of the Heisey Museum. I hope it becomes a timesaving asset to Heisey collectors.

Norma Schweighoefer
St. Louis, Missouri

To order this valuable reference, see Item #110 on Page 23. You'll be glad you did.

HEISEY'S GLASSWARE OF DISTINCTION

By Mary Louise Burns



1983 EDITION!

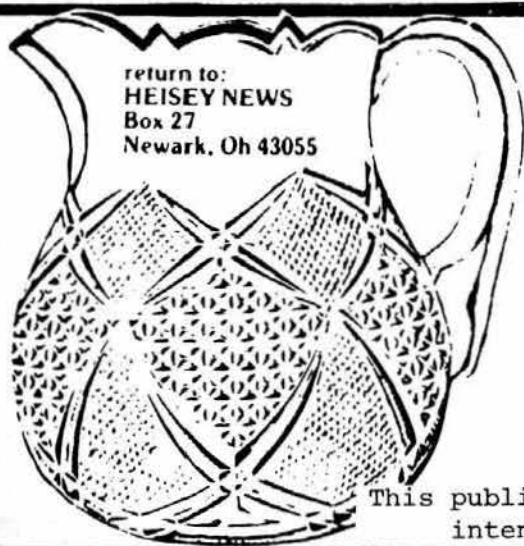
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Contains all major tableware patterns with pictures for easy identification.

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Individual price lists available for Heisey's Orchid Etch, Rose Etch. Animals & Verlys @ \$1.50 ea. plus large SASE.

NEW MUSEUM HOURS - OPEN DAILY 1 - 4 P.M. EVERY DAY OF THE YEAR, EXCEPT MONDAYS
AND HOLIDAYS - ANYTIME BY APPOINTMENT



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This publication is a Heisey Collectors of America study guide intended for collectors of glass and related items.