

The Gristmill

Small Cove
Smoky Mountains

A Publication of the Mid-West Tool Collectors Association

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THE SIEGLEY NO. 2 > 12

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A Siegley No. 2 Combination
Plane. A study of the plane
begins on page 12.

CHAFF

Behind the Curtains

I think most of us are prone to accept things as they are or at least appear to be. By doing so we often fail to comprehend the complete story. In other words, we focus on the doughnut hole and never see the doughnut. That is how many of us might view M-WTCA, and when we do so we miss the important aspects of what makes our association tick.



I approached this task with some apprehension, feeling that it might be a difficult job to convince 15 members that we needed their help. The task was completed in short order. I asked 15 members to accept these positions and guess what – 14 did so immediately and the fifteenth one declined because of his personal situation. In my experience, this dedication is unheard of in most organizations. We are what we are because of the quality of our members.

Next, let me remind you that we have another group of individuals that are certainly an integral part of M-WTCA. The truth of the matter is, we would not be what we are without their help and input. There is a lot of synergy between the two that is important for our continued well being. Of course I am speaking of the M-WTCA Auxiliary.

Finally, we have several new committee chairman. They are Bob St. Peters, By-Laws and Policy; John Walkowiak, Displays and Awards and Jack Devitt, Parliamentarian.

See you in Decatur in June.

– Willie Royal

MARCH, 2002 • No. 106

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Editor

Mary Lou Stover

S76W19954 Prospect Dr.
Muskego, WI 53150

Associate Editor

Roger K. Smith

Contributing Editor

Thomas Lamond

Advertising Manager

Paul Gorham

THE GRISTMILL is the official publication of the Mid-West Tool Collectors Association, Inc. Published quarterly in March, June, September and December. The purpose of the association is to promote the preservation, study and understanding of ancient tools, implements and devices of farm, home, industry and shop of the pioneers; also, to study the crafts in which these objects were used and the craftsmen who used them; and to share knowledge and understanding with others, especially where it may benefit restoration, museums and like institutions.

President

Willie Royal

215 Anthony Circle, Charlotte, NC 28211-1417
(704) 366-7081

Vice-President

Donald Tubman

13904 Spring St., Sturtevant, WI, 53177-1250
(262) 835-4658

Vice-President

George Wanamaker

312 S. Lafayette, Macomb, IL 61455-2233
(309) 836-6872

Vice-President

Ronald Cushman

PO Box 257, Almond, NY 14804-0257
(607) 276-6085

Treasurer

John Wells

P.O. Box 8016, Berkeley, CA 94707-8016
(510) 848-3651

Secretary

Tom Lamond

30 Kelsey Place, Lynbrook, NY 11563-1516
(516) 596-1281

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COMING UP



Mid-West Tool Collectors Association National Meetings

| | |
|---------------------|--|
| Spring, 2002 | June 13, 14, 15, 2002. Decatur, IL. Dave and Judy Heckel (217) 345-9112. |
| Fall, 2002 | Oct. 10, 11, 12, 2002. Winston-Salem, NC. Ed Hobbs (919) 828-2754. |
| Spring, 2003 | June 12, 13, 14, 2003. Green Bay, WI. Don and Sue Tubman (262) 835-4658. |

M-WTCA Area & Other Meetings

| | |
|---------------------|--|
| Area J & E Meeting | March 3, 2002. Louisiana, MO. Bill Ringhausen (573) 754-5965. |
| Area N Meeting | March 16, 2002. Mt. Dora, FL. Phil Baker (941) 485-6981. |
| Area E Meeting | March 24, 2002. Rockford, IL. Gary Johnson (815) 636-1464. |
| Area Q Meeting | April 6, 2002. Charlotte, NC. Bob Fields (704) 393-1282. |
| Area N Meeting | April 6, 2002. Barbersville, FL. Phil Baker (941) 485-6981. |
| Area D Meeting | April 7, 2002. Papillion, NE. Al Fetty (402) 223-5842. |
| Area J Meeting | April 7, 2002. St. Louis, MO. Mike Urness (314) 434-4325. |
| Area F Meeting | April 21, 2002. Franklin, IN. Norm Heckman (317) 422-8482. |
| Area C Meeting | April 27, 2002. Chesaning, MI. John McKiernan (810) 727-6475. |
| Area A Meeting | April 27, 2002. Hastings, MN. Don Bosse (651) 735-3590. |
| ATTIC, NETCA, EAIA | |
| Areas H & R Meeting | May 5, 2002. Kent, CT. John DeLay (203) 453-4281/ Walt Karsten (845) 457-5710. |
| Area D Meeting | May 5, 2002. Humboldt, IA. Leroy Witzel (515) 332-3649. |
| Area G Meeting | May 19, 2002. Greenville, OH. Dan Gaier (937) 773-6940. |
| Area Q Meeting | July 27, 2002. Raleigh, NC. Ray Hoke (919) 876-8512. |
| Area E Meeting | Aug. 4, 2002. LaFox, IL. Dick Chapman (773) 736-4246. |
| Area F Meeting | Aug. 25, 2002. South Whitley, IN. Jan Cover (765) 494-4288. |
| Area D Meeting | Sept. 15, 2002. Cosgrove, IA. Chuck Gartzke (319) 828-4338. |
| Area D Meeting | Oct. 27, 2002. Papillion, NE. Al Fetty (402) 223-5842. |
| Area Q Meeting | Nov. 9, 2002. Charlotte, NC. Bob Fields (704) 393-1282. |
| Area E Meeting | Nov. 10, 2002. Virden, IL. Jack Howe (217) 438-3776. |

Dates must be cleared with Gary Johnson (815) 636-1464. E-mail tinstools1@aol.com.

Come to Decatur, IL, in June

By Dave & Judi Heckel

The Spring 2002 M-WTCA semiannual meeting will be held June 13-15, 2002. We will be using the same great facility in Decatur, IL, that we have used before in 1992 and 1998.

The Decatur Holiday Inn Select Conference Center will be the site. All events are on ground level, with easy access.

Judi and I have planned some new and different programs for your enjoyment. We will be having an outdoor barbeque on Thursday evening, following the tailgating in the parking lot. Also, on Thursday evening we have a special program lined up that will be enjoyed by all of the members and spouses. More news about the program will be in the registration letter.

The Thursday tour will be taking in the local Amish community in Arcola and Arthur, IL. A bus trip is planned to the area. Lunch will be in an Amish home, where the lady of the house has seating for 100 people. There will also be a tour of the Amish Interpretive Center, an Amish home and an Amish farm.

The theme for the meeting is "My Favorite Patented Tool." Please show off your research and the history of your patented tool. The Auxiliary's theme is "Table Talk."

Be sure to make your reservations early, as a new Water Park will be opening up in June and is to be located right next to the hotel. We are both looking forward to having you come back to Decatur, IL, for another great meeting.



National meeting displays often bring out the unusual. This little miter trimmer, owned by Carl Bilderback, was shown at the Franklin, TN, meeting. The No. 2 Universal Miter Trimmer was manufactured by the W. R. Fox Co., Battle Creek, MI, in 1888 or 1889. The company made only three sizes, numbers 2, 4, and 6, when the tool was patented in 1888, but later offered a No. 8. The model number represents the height of the molding the tool would trim. (John Wells photo)

M-WTCA MEETS

The George Alton Memorial Swap-O-Rama

By Jack Howe

Twenty-one years ago, George Alton had an idea for a tool swap meet. His idea definitely stood the test of time, as we enjoyed another great meet this year with many of our faithful attendees and quite a few new faces as well.

Jim Williams and I would once again like to thank all members for their support of this meet. We enjoy playing host to a great group of tool lovers. The picture of this year's Swap-O-Rama give a glimpse of the meeting. We would also like to thank Robert Green, the auctioneer, and Dan Brewer, clerk, for handling the auction and the many other volunteers who acted as runners.

Please don't forget to set aside Nov. 10, 2002, for the next meet. The hosts promise everyone a very enjoyable time. Thanks again for your support.



A full room of tools greeted attendees at the George Alton Memorial Swap-O-Rama.

Where to Send What

Please note where to send what so it will reach the right person.

Send changes in address, phone number or e-mail to: KLM Computer Services, c/o Kerry McCalla, 104 Engle Ct., Franklin, TN 37069, phone (615) 791-6198, e-mail kmccalla@bellsouth.net.

Request GRISTMILL copies from: Bill Baader, 4183 Hominy Ridge Rd., Springfield, OH 45502-9510, phone (937) 969-8530.

Pay membership dues for current year: Send your check made out to M-WTCA to John Wells, Treasurer, P.O. Box 8016, Berkeley, CA 94707. Please write RENEW and your name and address on your check. Do not use a new member application to renew an existing membership.

Submit materials to The GRISTMILL: Send to Mary Lou Stover, Gristmill Editor, S76W19954 Prospect Dr., Muskego, WI 53150.

Brown Auction Services to Sell Jenkins' Collection

Dr. Michael Jenkins' collection of more than 740 hand tools and instruments will be sold by Brown Auction Services in April.

A dealer sale with more than 90 selected dealers will be held April 5 and the auction on April 6 at the Radisson Inn, Camp Hill, PA.

The auction service also has set the dates for the 21st International Antique Auction and Dealer Sale for Nov. 1 and 2 at the Sheraton Inn, Harrisburg, PA. It will feature 750 lots of antique tools and 100 dealers from around the country and overseas.

The Fine Tool Journal schedule of auctions is: March 10, June 2, Sept. 8 and Dec. 1. These are conducted through the magazine. For information on any of these events, contact Clarence Blanchard at (800) 248-8114 or by e-mail at ceb@finetoolj.com

Hale Park Farm a Must for Connecticut Visitors

In traveling in Connecticut, a visit to the Hale Park Farm and Village would be an interesting stop.

Located in Cuyahoga Valley National Park, the museum opens its regular season Memorial Day and closes Oct. 31. Special holiday and winter programs are scheduled.

Thirty historic buildings depict 19th century life. Costumed interpreters introduce visitors to the year 1848. Skilled artisans and tradesmen demonstrate industrial and domestic crafts of the mid-1800s. These masters include blacksmiths, brickmakers, a sawyer, basket, broom and candlemakers, glassblowers, spinners, weavers and potters.

A STUDY ON

By Don Bosse

To start 2002 off right, I've decided to add my name to the list of researchers. My goal is to document as much as possible the early development of the Miller's Patent Planes (Type 1 through Type 2). There are so few surviving examples that I am in need of your assistance. I have made many new observations about this series of planes and plan to update my web site covering the new information this winter. To date, I am aware of only four No. 42 types surviving, and no No. 44s. If you have an early type plane in the original box or what you consider an old and unusual box, I would appreciate knowing of it. Original boxes are generally crudely made. If you have an early plane that doesn't quite fit the norm I would appreciate hearing about it. Confidentiality is always assured; please contact me at the address below.

If you would like to be added to this list, please contact me at:

Don Bosse
8154 9th Street Place North
Oakdale, MN 55128
651-735-3590 or email me at:
mwtcabosse@worldnet.att.net

The Researchers:

John Freeman (415) 752-2857
**September 2001
"Liberty Bell Plane Series Mfd. By Stanley"

Allan Klenman (250) 383-2321
**September 2001
"Axe Makers of North America"

Todd Friberg (815) 398-0602
**September 2001
"Pre-1920 Saws, Saw Steel and Saw Working Tools"

Mel Miller (309) 274-4973
** June 2001
"Davis Levels"

George Wanamaker (309) 836-6872
** March 2001
"Master Rule Manufacturing Co."
"Dahl Manufacturing Co."

John Wells (510) 848-3651
Paul Van Pernis (715) 682-9229
**December 2000
"Leonard Bailey Edge Tools 1855 to 1869"

Lou Nachman (704) 875-1833
**December 2000
"Montgomery Ward's Earlier Lakeside Hand Planes"

Jay Ricketts (404) 378-0266
**September 2000
"No-Set saws"

John Adams (931) 732-4400
**June 2000
"Small Trimming Planes, All Makers"

E. J. "Al" Renier (612) 937-0393
**March 2000
"Tools of the Nordic Nations"

Ray Fredrich (847) 398-2642
**March 2000
"Patented Mechanical Nail Pullers"

Tim Everette (910) 739-7163
**March 2000
"102 and 103 Block Planes"

Cliff Fales (313) 987-3849
**September 1999
"Spiral Ratchet Screwdrivers"

Chuck Prine (412) 561-6408
**September 1999
"Carpentry Planemakers of Western Pennsylvania and Environs"

John Wells (510) 848-3651
** September 1999
"Metallic Mitre Planes"

Charles Hegedus (770) 974-7508
** September 1999
"Stanley Pocket Levels"
"Sargent's Shaw's Patent"

William Warner, (717) 843-8105
John Tannehill, (717) 464-4378
** September 1999
"E.W. Carpenter Patented Planes"

Dave Heckel (217) 345-9112
** September 1999
"Siegley #2 Plow Planes"
"Stanley 45s, A Complete Study"

Bob St. Peters (618) 462-0229
** September 1999
"Israel White, 3 Arm Plow Planes"

"Bench Planes (wooden) With Crout-Style Cutters Affixed to their Soles"

Tom Lamond (516) 596-1281
** September 1999
"Scrapers, Woodworking and Related Trades"
"Drawknives"

Milt Bacheller (508) 699-2570
** September 1999
"Patented & Manufactured Marking Gauges"

Don Rosebrook (504) 673-4049
** September 1999
"Levels"

Emery L. Goad (316) 838-3465
** September 1999
"Bicycle Tools, Pre-1920"

Scott Lynk (802) 877-3775
** December 1999
"Stanley Special Rules and Stanley Rules Not Listed In Any Catalog"

Tom Lamond (516) 596-1281
** December 1999
"All Known Brand Names & Logos Used By Local Wholesale Hardware Concerns"

** Denotes Gristmill issue with full details of the study listed.

TOOLS

Studying Old Tools in Europe

By Eric M. Peterson and Neville M. Peterson © 2002

For many years, I have been collecting and studying early braces and while in Europe some time ago we came across quite a bit of material that related to this study. Then, as I began writing a book about braces, it seemed a necessity to return to Europe for a detailed look at where they originated.

During the years between our trips, I had learned a great deal about the brace and formulated strong opinions as to the brace's origin, and its spread to other countries, and how the ethnic variations in style and pattern had developed. Now I wished to better document my thesis.

Knowing that the earliest forms of the tool were in Europe, my problem was to locate them and then obtain permission to study them. This study could only be conducted with confidence if the tool was actually in hand.

The first task was to discover where these ancient braces might be, and this took some lengthy research. It was important to clearly define where we should go and whom to see. This process took several years of investigation, reading and correspondence. In the meantime we got older and the trip looked evermore formidable. After you pass your allotted three score and ten years you may well develop problems, and we did. Resolving these issues took time. So when we finally set out knowing what we wished to do and where we needed to go, we did so with our canes, a large bottle of aspirin and a 220-volt heating pad, plus other needed pharmaceuticals.

Planning the Trip

We glued a large map of Europe to a foam board and began sticking colored pins in it, marking each location we wished to visit. After six months we had a lot of pins, which pretty well defined our route through 10 countries. We knew from prior travels that we did not wish to go during the tourist season nor during winter so that left the fall. I wanted to schedule more travel time, but Neville

wisely vetoed that notion saying two and a half months was enough. Besides we had been to these countries before.

The next step was to accumulate information on each country and on each site we would visit. Knowing the better informed you are the fewer problems you will have.

The museums containing the earliest braces extant are those housing the braces raised from the seabed in recoveries from shipwrecks. Knowing when the ship sank together and its nationality is the very best provenance of a tool that I know of. For the most part the majority of these artifacts are in government museums or institutions and not open to public inspection. Some are in the process of conservation that can require many years of treatment. Locating these sites and then learning who was the proper person to contact for permission to examine these treasures proved to be a time-consuming job.

One major factor in our favor was that these persons all understood English and we had no problem corresponding in English. Since they are scientists they were willing to share their artifacts once they discovered you were properly credentialed. In almost all cases we worked with a curator who had been a recovery diver. We remained mindful that these individuals, at considerable personal hazard, and personal effort, had recovered these materials. There was nothing casual in their making this study opportunity possible.

We knew that the "finest" braces would be found in private collections. Discovering who these collectors might be was a different type of task. In the US we have numerous organized clubs such as M-WTCA, but in Europe this is not the case.

There are only two organized tool clubs that I am aware of: Tools and Trades History Society (TATHS) in England and Ambacht & Gereedschap (A&G) in the Netherlands. I was well acquainted with members of both groups and they provided us with helpful information. The majority

of the private collectors we visited were discovered by perseverance in searching. However, as we corresponded with these collectors over a period of a year or so, we often became friends and they provided additional leads. As it turned out, discovering the private collectors and meeting them and their families was the highlight of our trip.

In planning, the single most important thing you can do is to take the least amount of luggage. If possible take only one carry-on bag. The pleasure of your trip will be inversely proportional to the bulk of your luggage.

Some things you must do while you are still in the United States. Secure your ability to get cash by getting a debit card and PIN number and keep this card in your money belt. This way you can get cash at the cheapest rate from any of the ATM machines that are found everywhere. Pay your bills using it and you will need little cash. However, get a supply of currency from your bank for each country that you will visit. This foresight will save you trouble. The Euro will help, but not all countries have adopted it.

I also have a stack of new two-dollar bills that I use as unexpected tips, and this is always to the delight of the recipient. Plan to carry in your wallet only what you can easily replace.

Plan your mode of travel. I prefer the train in England, so a British Rail Pass is the way to go, but it must be purchased in the United States, and you must manhandle your own luggage. If you are driving on the Continent, then lease a car rather than renting. Our lease was a brand new Peugeot 406 sedan, which we picked up at the airport in Brussels. This was cheaper than a rental, completely licensed and insured, permitting unrestricted driving in any country as if you were driving your own new car. Our travel agent (Travel Merchant, Foley, AL) suggested a lease and made our arrangements. We drove this car almost an exact 10,000 kilometers.



Paal Kahrs (left) arranged a visit for Eric Peterson (right) to the forge of Johannes Fosse (center). The forge is located in a building perched on a mountainside in rural Norway and it is the forge of the last known auger maker or "navarsmeden."

While we watched, he created a set of augers and presented them to me displayed in the half-section of a birch log. The augers are of an unchanged traditional family pattern and the work of each old forge was distinctive and recognizable. The augers bored effortlessly. Johannes is the last of a multigeneration of smiths of his family to use this small forge. He is kept busy by commissions from industry, making augers to meet their specific needs. The author holds the gifted augers. Earlier Neville and I had visited the CLICO Tooling, Ltd. factory in Sheffield with a TATHS group. Here we saw modern Sheffield augers being produced in quantity, but still one by one with much skilled hand labor required.

What a contrast.

Our Route

Since we were attending the meeting of TATHS in Sheffield we were advised by English friends to fly directly into Manchester and avoid the hassle of London, and that was excellent advice. Manchester is a very large airport with its own train station but to get to it is a real hike. Taking trains in England is easy, if you have minimal luggage. London has no central train station and each portion of the country is served by its own London station. This is an inconvenience that you just accept.

We stayed across the street from the British Library and worked many long days there. I am still in awe of this institution. It has 18 million titles on 150 miles of bookshelves, and 1,200 employees. Using the library requires credentialing to obtain a Reader Pass. From their computerized database I had preprinted a list of 125 books that I hoped to use. And, we did. What a thrill to hold and use a book

published in say, 1511 AD! Not a copy or reprint, but The book. Did you know that Moxon was first printed in 1677? The same engravings were used for the later editions that we are familiar with. Initially, it was a monthly journal, and there it was on my desk to read. Neville and I spent long days devouring these ancients that I had never hoped to even see. The use of the library is free.

We took the Eurostar to Brussels and picked up our lease car. This required a 30-minute train trip from the large Midi Brussels station to the large Brussels International Airport. We had a big cart full of bags, and while Neville was off looking for an elevator to get us up to the level for the airport train, a friendly railroad man took both my arm and the cart to a steep escalator and propelled us onto it. Surprise. He yelled that at the top I should push like hell. In my panic what I did not know was that the luggage cart had a wheel lock and would not roll backwards even though it pointed up toward the heavens. Neville now had no idea where I was.

Some smiling Belgian cops quickly restored us. (There was no elevator.)

So now with our new car with its five forward gears we were off toward Amsterdam. Having been to Amsterdam, we knew better than to try to stay there with a car, so we had reservations in Haarlem, which was central to our several side trips. The Rijksmuseum was our first destination where we were installed in an office and the 16th century tools from the Nova Zembla expedition were carried to us in cushioned wicker baskets. We donned our white gloves.

We were invited to the homes of several tool collectors in several Dutch cities and each proved to be an adventure. I will include many of these fine tools in my book on braces. Through the efforts of two collector/scholars we were able to visit the Dutch government's undersea marine laboratory and examine the braces from ancient wrecks and watch the preservation processes.

Our new friends all lived in small towns which each looked like a picture post card or movie set. Just to see their home and its setting was a thrill. The food was wonderful.

Because it was getting late in the year we wished to complete our northern travel before snow. We drove up to the north of Denmark and took a night ferry to the southern tip of Norway. The contrast between Holland and its dense population and the sparsely settled Norway was striking. We have good friends in Grimstad, Norway and we stayed there for a few days. In Grimstad, the sea dominates everything as it always has. There we finally got our flu shots. Our friend, Lars, made arrangements (borrowed the keys) to open a good-sized museum of sailing ship equipment. It was very comprehensive, and beautifully displayed with many fine tools. It is normally open for only a couple of days every two or three years(?). While there, we visited a shipwright building a fine old wooden sailing boat using traditional methods. He seemed a perfectionist.

Our next major stop was Bergen where one of the finest private collections of wooden tools is located. The collector and his wife were wonderfully hospitable. Their home is on top of a mountain over-

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Studying Old Tools in Europe

Continued from page 7

looking all of Bergen, and the harbor to the North Sea. What a fine time we had. He arranged for us to visit the last surviving auger maker at his forge. Our host had a great sense of humor. He met us on the outskirts of Bergen standing in a roundabout with heavy Bergen traffic whizzing all around, as he was waving a Norwegian flag! He was easy to spot.

The drive to Lillehammer was memorable because of the road and raw beauty. This major highway was at times one lane crushed rock and often straight down on one side, and as we wound our way above the timberline it started to snow. I did not like that, having driven in a Lillehammer snow/ice storm once before where the car was really a sled. The huge Maihaugen Museum in Lillehammer had boring tools I had never seen or heard of.

The next point was Orsa in Sweden where we wished to meet an American expatriate tool dealer and his family. We had a great time with them including a supper in a high mountain top inn overlooking a beautiful large lake painted by the long colorful twilight. I had local salmon and cloudberries.

Down the road toward Eskilstuna in a small town we visited a collector with one of the finest tool collections I have ever seen. Again what a delightful couple, loading us up with gifts as seemed to be the common practice throughout all of Europe.

The museum in Eskilstuna is large and in many buildings. Neville made arrangements for us to visit their storage vault where to our wonder, we found some very rare braces that I plan to publish soon.

Stockholm is home to a number of museums. The Vasa is a large museum that contains the ancient ship that sank immediately after launching and lay on the bottom for hundreds of years until now installed in its own museum together with all its contents. The museum vault contains some remarkable braces and will be amply described later. Also in Stockholm is the Statens Historiska Museum where the oldest chest of carpenter's tools known to exist is on display. If you wonder how the Vikings built their ships, here

you will see their tools from a thousand years ago (the "Mastermyr Find").

Down the coast of Sweden in Kalmar is the Royal Ship Kronan. This is a vessel being gradually recovered from the seabed. Their collection of braces is helpful in documenting the progression of the brace from its source.

I could not find much in the way of interest in old tools in Denmark other than the museum of Borge Dahl in Roskilde, which we had visited some years ago. He had added to it quite a bit.

In Innsbruck, Austria, there is the finest collection of carved wooden braces (as a collection) that I have seen. So we headed south. Stopping on the way to visit collectors with the same outcome of hospitality and cordiality. With this visit in Innsbruck at the Tiroler Volkskunst Museum the display cases were opened and we could examine these braces ad lib. The museum vault also revealed some noteworthy tools, and the curator provided very helpful explanatory information about the craftsmen of the Tyrol.

Any tool tour of Europe requires a visit to the Feller museum in Troyes. This museum very professionally displays 10,000 French tools. While the collection of braces is a great study of French braces, it did not add new material.

A highlight of our trip was the visit to the invasion beaches of Normandy. To stand on the high bluff of Omaha Beach and recall what happened there was moving. At Point du Hoc where the shear cliffs were scaled in the face of Nazi infantry, it seems impossible that it was taken. Paradoxically, we stayed at a four-star hotel, the Omaha Beach Mercure. Their golf course was once soaked in blood. Time passes. I talked of this with one M-WTCA member. He did not wish to visit Omaha Beach. He had been there on the second assault wave.

By this time I had seen all the braces I wanted to see, and we had completed our long list of sites. I was sick. Home-sick for our country, and so we came home. We had taken some 675 photographs of unusual braces.

Odds and Ends

- The width of your car is critical.

All the towns and villages have an "old city" which has narrow cobblestone streets made for horses. A standard American car could not be driven through many streets. If our car had been one inch wider, it never would have made it through these narrow one-way streets. Regardless of time of day, one side of the street is parked solid with two of the parked car's wheels against the curb and the other set of wheels on the sidewalk against the building. This left us perhaps only an inch or two clearance in the street. By the way, parking is via a ticket that you purchase from a machine whenever you can find a space, then find the machine, the proper coin and put the ticket on your dash. Our Alabama Crippled wheelchair sign often helped.

- We traveled about Europe never needing our passports for any border except England and the US. The large border posts were deserted and needed to have their windows washed.

- In England you can identify the First Class rail cars by the yellow stripe painted along the car above the window and the large number one usually in one or more windows.

- Know some key words for each language, especially, "thank you." Their first floor is our second floor. Know the name for the elevator since it changes. Two-star hotels usually do not have an elevator. Understand "in" and "out" signs for each language. WC is toilet. A smile is understood in all languages.

- Most people will understand basic English except in France. We were told this was the case since English is taught in all the schools from an early grade, except in France.

- You will get lost daily, perhaps oftener.

- Bring your own washcloth and clothesline. Air conditioning consists of opening a window that will often open on either axis. Learn what a duvet is. Light bulbs over 40 watts are unknown. Be sure your electric converter's wattage is rated high enough.

- Learn the road signs. I have counted as many as 30 icon-type instructional road signs at a single street corner. In some countries, if you hit a person



Should you think you know all the wooden braces, here is a brace you have never seen. It is a wooden "cagehead" in perfect condition despite its 400-plus years of age. Neville discovered it on a shelf in a tool storage room of a large Swedish museum lying next to a wooden brace dated "1677," and they will be described in detail at a later date. I had never heard of such a brace, but a couple of days later in a similar manner we found another wooden cagehead, also in Sweden, in the storage vault of a museum

One might think that the brace was made of wood rather than metal because of a lack of metal or forging skill. I doubt this, since it was found in the area, then the center for the finest iron working in Europe making guns and tools.

on a bicycle, you are always at fault. If you have a Mercedes touring car, you are required to intimidate everyone else on the autobahn. Some countries have a zero tolerance for any alcohol when you are a driver. There are occasional roadblocks. You go straight to jail and your driver's license is confiscated on the spot. Don't drink.

• **Toe Busters:** in Northern Europe, the thresholds to the bathroom are raised. I have no idea why. Since every night the bathroom is in a new location, searching for it in the dark can be painful. The solu-

tion was a 220-volt nightlight that we carried and plugged in each night.

• The word for hotel is about the same everywhere, but the word for inn or small hotel varied widely. For example, in Denmark it is "kron." While looking for lodging, we drove by many in ignorance. The same was true in Norway and Sweden where you look for "stua." One evening in desperation in a small town on the Norwegian-Swedish border I went into a small restaurant called "Elgstua" to inquire for a hotel. To our delight this proved to be a wonderful small hotel with a great (ethnic) dining room. It was managed by a matriarchy. The owner was a grandmotherly lady who looked like and was dressed exactly like the pictures of her early forebears even down to the ring of keys tied about her waist and flowing full skirt.

This was no tourist place, as it was far off the beaten path. On the wall in the lobby-stube-gathering room was an enormous elk head (moose?) and on either side were two of the strangest axes I have ever seen. We discovered that they had been in that family for centuries and were used to protect yourself from bears. The menu featured elk, which we came to enjoy. So "Elgstua" might be called Elk Inn and Restaurant. We really enjoyed our stay. The women's hair color ranged from the sparkling snow white of the great-grandmother who was constantly cleaning the already spotless facility, to bright straw yellow on the youngest granddaughter who just helped out.

• In France most highway directional signs are just town names, not route numbers. The route numbers are on the map, but are not on the signs until you have traveled well down the road.

• If you don't know, it's best to get the menu translated. One night, I ordered a seven-course dinner that was clearly defined on the menu in French. The salad turned out to be a large plate of artistically arranged miniature highly seasoned tiny lobsters. The question was what were they and how did you eat them? The entree said veal and that was good enough for me. When it came, it looked like no veal I had ever seen and was lumpy. I had my first venture in eating sweetbreads. I got most of them down. Kind of like stewed rubber gloves. The chef in his high

white hat came out to see how we liked our meal.

• Buy a cheap automobile compass for your car. A pocket altimeter is fun to have in the mountains of Norway/Sweden and in the Alps where you may drive above the treeline in snow. We did not have one with us and it would have been nice to use it in Holland when driving through polder.

• We had a mobile telephone that works in the United States as well as in Europe. Since two different systems are used, you either have to get a phone there or one here that works in both areas. In the US the only phone with such international capability I know of is the i2000plus offered by Nextel. This worked perfectly in calling country-to-country or back to the states. We used it constantly to call ahead to those we were to meet.

• Don't complain. They didn't ask you to come to their country.

Pleasant surprises

• The outstanding surprise was the constant and unexpected kindness of the people we met. Often it was just wonderful. (This was true in all countries except France where we were treated with polite indifference.)

• Traffic lights are often at three levels, the lowest being at the height of the windshield so you can actually see the lights. When you make a turn, there is a blue and white arrow pointing to the place that you must pass by. This is more helpful than you might think, as there are often multiple lane choices such as for the trams, buses, taxis, bicycles, etc.

The tolerance of the traffic police is great, especially if you have foreign license plates. They know for example there is no place to park, but if you can find a place you had better have purchased a ticket.

• Even small towns have "tourist offices" or some such recognizable name and here you can book a room in a hotel. Best get there before 1700 hours. Then the trick is to find the hotel. Once in a small town in Germany the proprietor came and led us to the facility and then treated us to a great dinner prepared by

Continued on page 11

OBITUARIES

Robert E. Carter

By Ann Henley

Robert E. Carter, 79, of Columbia, MO, died July 28. He was a member of M-WTCA since 1972.

My late husband Marion and I met Bob and Fern in 1949 (college days, GI Bill, etc) and remained close friends. Especially when Bob came to Columbia to join Marion at Stephens College. He retired as assistant business manager

Often they would go to country auctions and on Tuesdays or Thursdays one or the other would go to the consignment auctions at our county fairgrounds. They would come home as happy as larks, spread the stuff on the driveway and divvy it up. If they forgot who bought a tool, they tossed a coin.

Bob Carter was a quiet man with quiet hobbies. Tools, of course. Woodworking - he built a large walnut breakfront with woven doors, beautifully-turned vases of different woods. Fishing, anytime, anywhere. Flowers - he always had an amaryllis for my mother at Christmas. He even raised orchids.

He is survived by his wife, Fern, two daughters, Linda and her husband, David Sappington, and Nancy and her husband Jim Baker, and four grandchildren.

Linda wrote this tribute to her dad. I found it very touching:

Remembering the man...

There won't be an amaryllis, violet or cactus bloom that won't remind of your attentiveness or patience. There won't be a rainstorm, snowfall or day of sunshine that won't make us think of your concern. Every piece of wood that you painstakingly sanded and rubbed to a satin finish will remind of your perseverance for perfection.

Now all the crappies and bass are safe from your avid fishing skills. There won't be a day go by that won't remind us of you.

Jason Converse

Jason Converse, 96, died Oct. 18 at his home in Alpena, MI. He had been ill with cancer.

A longtime avid tool collector, he missed being a charter M-WTCA member by only one year. Besides a general tool collection, he had many excellent carriagemaker's tools and logging tools. He sold the tools earlier, keeping only his favorites for the family.

He was a retired schoolteacher, local historian and member of the Alpena First United Methodist Church. He was in the Army Reserves for 15 years and was on active duty in World War II for five years.

He and his wife, Florence, celebrated their 70th wedding anniversary last June. Besides his wife, he is survived by a son, John E., and two grandchildren.

Funeral services and burial were in Alpena.

Douglas R. Starrett

Another chapter in the L. S. Starrett Co. history has been written.

Douglas R. Starrett, 81, retired company president and chief executive officer, died Nov. 5 in Athol, MA, of complications of an aneurysm. He was the great-grandson of Laroy Sunderlin Starrett, who founded the tool company in Athol in 1880. In September, Douglas R. turned over the CEO and president's job to his son, Douglas A. Starrett.

Douglas R. was among the oldest CEOs of a publicly held company. He was from the old school, working hard, moving up the company ladder, playing a leading role in his community and in the corporate world, being dedicated to his company and being straightforward and honest. A straight arrow, a man of integrity, a square shooter were term colleagues used in describing him.

He became president in 1962 after his father died, but he had worked at Starrett since a boy. He was an apprentice toolmaker before World War II, then left for the war where he became a decorated Air Force pilot. When he returned home, he joined the family firm again as an engi-

neer and learned the business from his father. Later he spearheaded acquisitions in the states and abroad. He increased product lines, expanded industrial markets and moved tools into Home Depot, Sears and other retail chains.

Although he always had the best interests of his employees in mind, he didn't waste money. The offices didn't have air conditioning but Douglas R. put up the windows like everyone else on hot days. On the other hand, the plant equipment was the latest and best. He was active in many business and community organizations, especially the YMCA.

The L.S. Starrett Co. is Athol's biggest firm. The global precision measuring toolmaker employs 2,700 and lists annual sales of \$226 million. Starrett is everywhere in Athol. Note the Starrett Building, Starrett Avenue, Starrett Memorial United Methodist Church. Starretts have been around a long time and through the years have led community, cultural and economic development in Athol.

Douglas R. is survived by his wife of 11 years, Joan (LaBonte) Starrett, one son, two daughters, two stepchildren, five grandchildren and others. His first wife, Janet (Nichols) Starrett, died in 1987.

Private burial was in Silver Lake Cemetery.

Gayl Edgecombe

Gayl Edgecombe, 64, died Oct. 18, at his home in Cerro Gordo, IL.

Besides collecting antique tools, he was active with the Boy Scouts. He received Scouting's Silver Beaver Award for service. He was cited for establishing Boy Scout Troop 39 in Cerro Gordo. Retiring after 35 years from the Caterpillar Co. as a manufacturing engineer, he then owned a saw sharpening business.

He is survived by his wife of 45 years, Judith; two sons Kirk (Denise) Edgecombe



Starrett



Edgecombe

Continued on page 11

MISC.

Edgecombe

Continued from page 10

and Mark Alan Edgecome; one daughter, Janette Randy) Bodine, and others.

Funeral services were in Decatur, IL, with burial in Cerro Gordo Cemetery. Memorials were suggested to the Cerro Gordo Community Ambulance Service or Boy Scout Troop 39.

Jim Neumann

Word has been received of the death of Jim Neumann, 58, of Fort Dodge, LA, on June 29.

He had been ill with cancer for two months.

Jim was a longtime member of M-WTCA, just missing becoming a charter member by one year. He particularly collected planes and Yankee drills. He also collected Jim Beam car decanters and Fort Dodge stoneware. He founded the Fort Dodge Stoneware organization.

He was the director of special education in the Fort Dodge school system. He served on the board of the Fort Dodge Boys and Girls Home as well as the Youth Shelter. He also was a member of the Community Action Committee and Trinity United Methodist Church.

He is survived by his wife, Sharon, to whom he had been married 37 years; two daughters, and two grandchildren.

Burial was in North Lacon Cemetery in Fort Dodge.

Europe

Continued from page 9

the family with us as their guests in their family dinning room. Most every day something delightful like this happened. This is why we like small hotels off the beaten path. It was the people we met that made the trip.

• This hospitality of people was heartwarming. I hope that now I will be more helpful to others. An example: I had corresponded with one collector for a couple

Notes of thanks for Mount Vernon internship

My name is Christopher Black. I am 18 years old, and I graduated from twelve years of Unschooling (a loosely-structured, highly personalized variety of homeschool) in the spring of 2001. I am now "Unschooling college" by investigating my interests in depth. These include woodworking, photography, music, living history and mechanics.

I have just returned from a ten-week internship at George Washington's Mount Vernon, where I had a unique opportunity to combine two of my strongest interests, traditional woodcraft and historical interpretation, and practice both in an intensive fashion. The position was supported largely by the Mid-West Tool Collectors Association. To have the privilege of working at one of the nation's premier historic sites, practicing my favorite skills and learning from the incredibly knowledgeable people around me, was a dream come true for me. I would like to offer a heartfelt thank-you to the M-WTCA for making this internship possible.



Intern Christopher Black turns wood on a spring lathe he built.

Editor's note: Ginny Fox, Mount Vernon's interpretative supervisor, said: I allowed Chris to define his own program with a number of suggestions of things that could benefit our program. Chris chose to work on a spring pole lathe that would allow us to turn handles for our tools. He came with experience in demonstrating such a lathe at a local program and was excited about how much people enjoyed seeing and using the lathe. Within the first two weeks he had built a worktable by hand. We soon had groups of people enthralled about the work area.

When Chris was not working on the lathe he made a grain shovel from a Sycamore tree, and repaired a number of things around the farm, including barrels and a gate. He made a wheat rake for straightening and removing weeds for thatching material for our wheat stack. He proved himself as an excellent teacher for staff and visitors alike. It was a privilege to work with a young man of Chris's caliber. I am grateful for the M-WTCA internship.

of years. He is a retired man of scholarly bent who knew our interest and the needs of our study. He arranged for us to gain access to his government's marine archaeological facility by earlier driving the hundred miles from his home to facilitate our acceptance. Then when we arrived, he again met us there to be sure our needs were met and translate, if need be. He drove nearly 400 miles in all. Put yourself in his position, would you have done this for persons you had never even met? He actually did not do the driving, but a

friend, a fellow tool collector, drove him since he was too weak and was juggling his visits to the hospital to be sure we were taken care of. Please think about that a moment.

• Tipping is not expected in most situations. Fancy restaurants may add it automatically, best ask.

The authors, who have been M-WTCA members for more than 30 years and brace collectors for nearly that long, are writing an archival book on braces.

COVER STORY

The Siegley No. 2 Combination Plane Type Study

By David E. Heckel

This type study is the result of more than ten years of research and was aided by an M-WTCA Research Grant.

Most of the information that was available about the Siegley No. 2 combination plane was presented in Volumes 1 and 2 of *Patented Transitional and Metallic Planes in America*, by Roger K. Smith. The background information about Jacob Siegley can be located there. The only other available information came from an original instruction sheet, the patent papers, and the Siegley Price List reprints that were produced by Tom Lamond in 1994. Most of the dates and separations in the types were done by conjecture and the perusal of the actual planes. All of the patents referred to are Jacob Siegley's. These approximations are based on the above information.

Since the publication of P-TAMPIA, the patent model has been located. See The GRISTMILL Issue #94, March, 1999, and Brown Auction Catalog #16, October, 1999, pp. 70-1. It is identical to the patent drawings, patent #216,979, July 1, 1879. No known planes of this type were produced. The plane pictured on page 107 of P-TAMPIA, Vol. 1, appears to be similar to the patent drawings and is probably a prototype of the first patent.

Since there are few catalog references for the Siegley No. 2 combination plane, it is challenging to keep up with all of the minor changes in handle wood, fence woods and screw configurations. I believe Siegley used whatever parts were on hand and there is not a lot of uniformity in these parts. This type study does not attempt to list all of these minor changes, so there are variations within a specific type. Also, it does not address the possibility of marriages of parts from different era planes.

The Type 1 plane is identical to the patent drawings, #245,752, Aug. 16, 1881, except that the fence is not original to the plane, so was not shown. The patent drawing shows a cast iron fence, without any wood facing. It has the



Figure 1



Figure 3

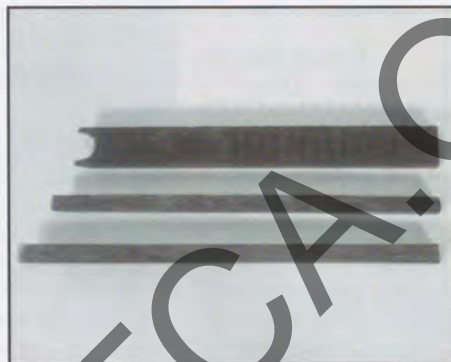


Figure 2

wedge-shaped cutter block that is drawn tight against the cutter by a wing nut on the opposite side of the plane. The body mounted depth stop is held in place by a yoke device that is tightened by a wing nut.

A major change occurred with the Type 2 and 3 plane. The cutter block now has a brass block with "teeth" that mate with slots machined on the face of the cutter. The cutter is advanced/retracted by a "head" reminiscent of a capstan on a ship. The capstan was a wheel turned by seaman to raise and lower the anchor. A pin was inserted into the "head" and the round block rotated. I will use the term *capstan* to identify this cutter adjuster. (FIGS. 1 & 2) This feature was patent #269,968, Jan. 2, 1883. The wood fence was made in two pieces to provide for the capability of using the plane as a filletster. The Type 3 plane has the patent date stamped onto the wood portion of the fence.

Type 4 and 5 planes have a round cutter block that is moved by a lever. There

are no patents for this particular feature. (FIG. 3) The captive, threaded body depth stop was added and the adjusting nut is marked with the Aug. 16, 1881 patent date. This patent refers to the *capstan* cutter adjustment feature and not the #294,919, March 11, 1884 patent for the threaded depth stop. Note that there is an Early and a Late version of the Type 4 plane.



Figure 4

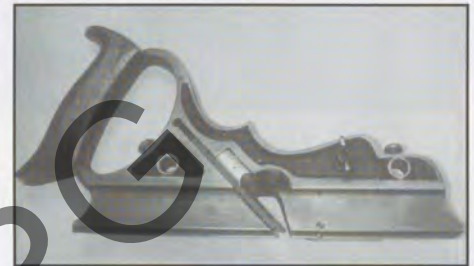
The rest of the types all have the #446,194, Feb. 10, 1891 patent for the cutter block with two "teeth" that grip the cutter. This is the style of cutter adjustment that is the most common on the planes that are encountered. (FIG. 4) The plane body is stamped with the erroneous patent date, Aug. 19, 1890. All of the remaining types are partially nickel plated. This plane is pictured on the box label. (FIG. 5) The box is made of poplar that is very soft and is stained brown. The dimensions of the box are 10 1/2" long by 5 1/4" wide by 6" tall. The Type 8 plane has an ingenious fence variation. The



Figure 5



Figure 7



Type 1

fence is made in two parts that can be horizontally adjusted to give infinite adjustment to the fence. (FIG. 6) It's reminiscent of the Stanley #45 combination plane adjustable fence, which didn't go into production until 1915. It is very scarce.



Figure 6

In 1905, Siegley sold out its plane business to Stanley Rule and Level Company of New Britain, CT. The planes were marketed by the Union Plane Company of New Britain, CT. Stanley sold these planes through Union Plane Company to avoid direct competition with their own combination planes. The telescoping pasteboard box is the same size as the Stanley No. 45 box. It is 12" long by 7" wide by 5" tall. (FIG. 7) A schematic dated 11-11-27 shows the plan for the new cutter box that Stanley made for the Union No. 44 combination plane. It was for the new 4 7/16" long cutters that were used with the last Type 9 and 10 planes. I assume that Stanley ran out of the Siegley-made cutters and still had inventory of the planes,

so they had to produce cutters to sell the remaining stock of planes. Roger K. Smith refers to the Stanley 1942 Price Sheet as the last listing of Union planes. One can assume the Union No. 44 combination plane could have been sold up to that year.

This type study is the first approximation, and I know that there will be comments and additions, and I will welcome them. For the last few years, I have requested in The GRISTMILL'S regular feature "A study on..." information on the Siegley No. 2 combination plane. Thanks go to those that have helped with this type study: Bob Green, Bethany, IL; Harold Unruh, Loomis, CA; Emery Goad, Wichita, KS; Don Kruse, Bonner Springs, KS; Clint Litsey, Sedgwick, KS; George Lanier, Austin, NV; and especially to Roger Smith, Athol, MA, for his initial work on the Siegley No. 2 combination plane.

All planes are from the author's collection, except Type 1 (Harold Unruh) and Type 8 (Bob Green). All photographs by the author, except Type 1 (Harold Unruh).

References

- Smith, Roger K., *Patented and Transitional Planes in America, 1827-1927*. 1981, pp.99-104, 259-60.
 Smith, Roger K., *Patented and Transitional Planes in America, 1827-1927, Vol. II*. 1992, p. 52.
 Lamond, Tom, *The Siegley Pocket Catalog Collection*. 1994.

TYPE 1: 1881 - 1883

| | |
|--------------------------|---|
| Patent: | Jacob Siegley's Aug. 16, 1881 #245,752 |
| Construction & finish: | Cast iron, polished with japanned recesses |
| Cutter adjuster & clamp: | Wedge-shaped brass, with wing nut to clamp |
| Main body depth stop: | Loose, attached with a yoke & thumbscrew |
| Screws: | 2-piece thin brass, with riveted screws, fine diagonal knurling |
| Handle wood: | Mahogany, slide on |
| Fence wood: | Mahogany |
| Cutters: | 3 7/8" long, number unknown, but probably 6 beads, 9 plows, and 1 match |
| Other: | Known plane matches patent drawing |

The SIEGLEY No. 2 Combination Plane Type Study



Type 2 (above and below)



TYPE 2: 1883 - 1884

Patent: Jacob Siegley's Aug. 16, 1881 #245,752 & Jan. 2, 1883 #269,968

Construction & finish: Cast iron, polished with japanned recesses

Cutter adjuster & clamp: Brass block with teeth that engage the cutter, advanced/retracted by a capstan "head", with wing nut to clamp

Main body depth stop: Loose, attached with yoke & thumbscrew

Screws: 2-piece thin brass, with riveted screws, fine diagonal knurling

Handle wood: Mahogany, slide on

Fence wood: Mahogany, with adjustable rosewood filletster piece

Cutters: 3 7/8" long, with slots on the upper surface to match the cutter block, number unknown, but probably 6 beads, 9 plows, and 1 match

Other:

The slot for the cutter stops in the body casting and ends with a hole.



Type 3 (above and below)



TYPE 3: 1884

Patent: Jacob Siegley's Aug. 16, 1881 #245,752; Jan. 2, 1883 #269,968; March 11, 1884 #294,919. SIEGLEY'S PATENT AUG. 16, 1881 stamped on fence

Construction & finish: Cast iron, polished with japanned recesses

Cutter adjuster & clamp: Brass block with teeth that engage the cutter, advanced/retracted by a capstan "head," with wing nut to clamp

Main body depth stop: Captive, with brass adjusting wheel

Screws: 2-piece thick brass, with coarse knurling

Handle wood: Beech or mahogany, slide on

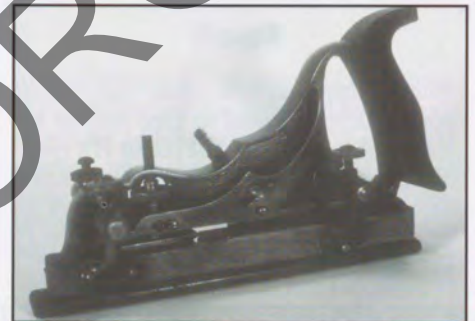
Fence wood: Mahogany, with adjustable rosewood

Cutters:

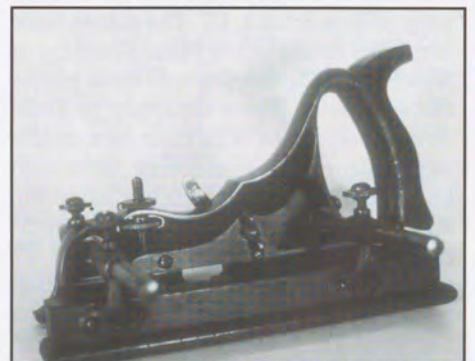
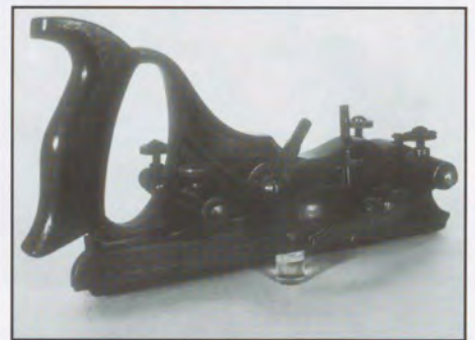
filletster piece or maple, with adjustable rosewood filletster piece 3 7/8" long, with slots on the upper surface to match the cutter block, number unknown, but probably 6 beads, 9 plows, and 1 match

Other: The slot for the cutter in the body casting extends through to the handle opening.

Other:



Type 4 early (above and below)



Type 4 late (above and in top next column)



TYPE 4: 1885 - 1886

Patent: Jacob Siegley's Aug. 16, 1881 #245,752; Jan. 2, 1883 #269,968; March 11, 1884 #294,919.

Construction & finish: Cast iron, polished with japanned recesses

Cutter adjuster & clamp: Round cam with lever adjuster. EARLY: Lever is straight and has a tapered end. LATE: Lever is curved and is not tapered.

Main body depth stop: Captive, with brass adjusting wheel, stamped with SIEGLEY'S PATENT AUG. 16, 1881, and lock nut

Screws: EARLY: 2-piece thick brass, with fine knurling
LATE: 2-piece thin brass, with coarse knurling

Handle wood: EARLY: Maple, slide on
LATE: Beech, attached with screws

Fence wood: EARLY: Applewood, with adjustable rosewood filletster piece
LATE: Applewood, with adjustable applewood filletster piece

Cutters: 16; 6 beads (3/16" to 1/2"), 9 plows (3/16" to 7/8"), and 1 match (1/4"); 4 1/8" long



Type 5 (above and below)



TYPE 5: 1887 - 1890

Patent: Jacob Siegley's Aug. 16, 1881, #245,752; Jan. 2, 1883 #269,968; March 11, 1884 #294,919.

Construction & finish: Cast iron, polished with japanned recesses

Cutter adjuster & clamp: Round cam with curved lever adjuster

Main body depth stop: Loose, held with oval-headed thumbscrew

Screws: 2-piece thin brass, with fine knurling

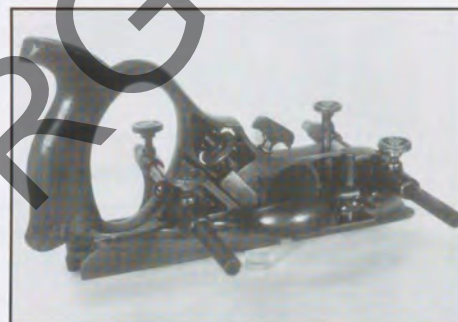
Handle wood: Maple, curly maple or beech

Fence wood: Applewood, with adjustable rosewood filletster piece

Cutters: 16; 6 beads (3/16" to 1/2"), 9 plows (3/16" to 7/8"), and 1 match (1/4"); 4 1/8" long



Type 6 (above and below)



TYPE 6: 1891 - 1901

Patent: Jacob Siegley's Feb. 10, 1891 #446,194; incorrectly marked on plane body as AUGUST 19, 1890

Construction & finish: Cast iron, nickel plated with japanned recesses

Cutter adjuster & clamp: Cutter block with "teeth" and a brass adjusting wheel, clamped by a top mounted wing nut with a flat top

Main body depth stop: Loose, held with oval-headed thumbscrew that has a knurled neck

Screws: 1-piece thin brass, with coarse knurling, screw is threaded into brass

Handle wood: Beech

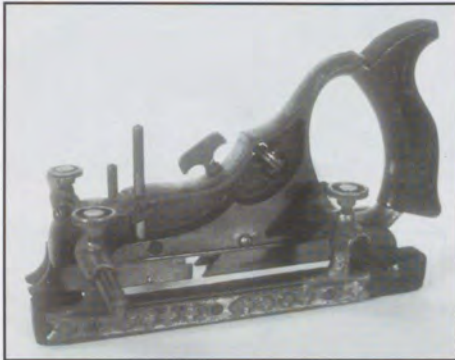
Fence wood: Applewood, with adjustable rosewood filletster piece

Cutters: 16; 6 beads (3/16" to 1/2"), 9 plows (3/16" to 7/8"), and 1 match (1/4"); 4 1/8" long.

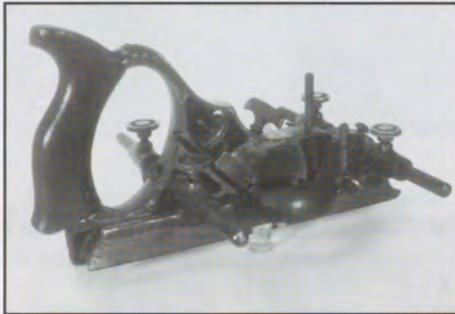
The SIEGLEY No. 2 Combination Plane Type Study

Optional cutters: 1 1/2" sash; 2 or 3 or 4 cluster beads

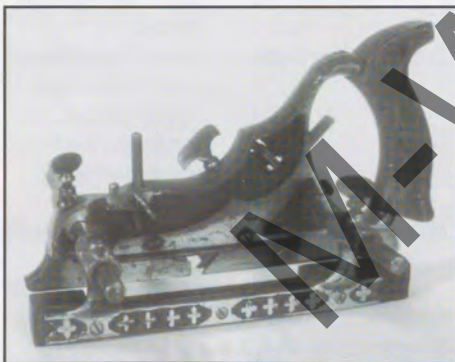
Other: Fence casting has NO 2 cast into it.



Type 7 early (above and below)



Type 7 late (above and next column)



TYPE 7: 1902 - 1904

Patent: Jacob Siegley's Feb. 10, 1891 #446,194: mis-marked on plane body as AUGUST 19, 1890

Construction & finish: Cast iron, nickel plated with japanned recesses

Cutter adjuster & clamp: Cutter block with "teeth" and a brass adjusting wheel, clamped by a top mounted wing nut with a flat top

Main body depth stop: Loose, 7 inches long, held with an oval head thumbscrew with a knurled neck

Screws: EARLY: 1-piece thin brass, with coarse knurling, screw is threaded into brass
LATE: Flat oval steel 7/8" wide thumbscrews with knurled necks

Handle wood: Beech

Fence wood: Rosewood, one piece

Cutters: EARLY: 16; 6 beads (3/16" to 1/2"), 9 plows (3/16" to 7/8"), and 1 match (1/4"); 4 1/8" long. Optional cutters: 1 1/2" sash; 2 or 3 or 4 cluster beads
LATE: 18; 7 beads (1/8" to 1/2"), 9 plows (3/16" to 7/8"), 1 match (1/4"), and 1 sash (1 1/2"); 4 1/8" long

Other: Fence casting has 10 crosses cast into it.



Type 8 (above and below)



TYPE 8: 1905

Patent: Jacob Siegley's Feb. 10, 1891 #446,194: mis-marked on plane body as AUGUST 19, 1890

Construction & finish: Cast iron, nickel plated with japanned recesses

Cutter adjuster & clamp: Cutter block with "teeth" and a brass adjusting wheel, clamped by a top mounted wing nut with a flat top

Main body depth stop: Loose, 2 11/16" inches long, held with a wire loop-shaped screw

Screws: Flat oval steel 7/8" wide thumbscrews with knurled necks

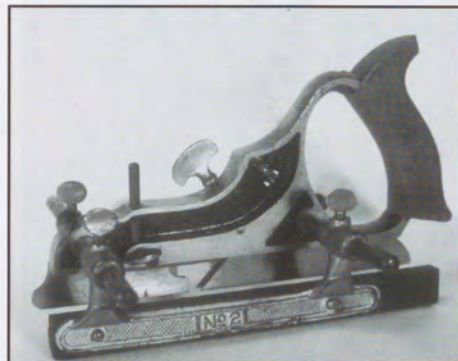
Handle wood: Beech

Fence wood: None

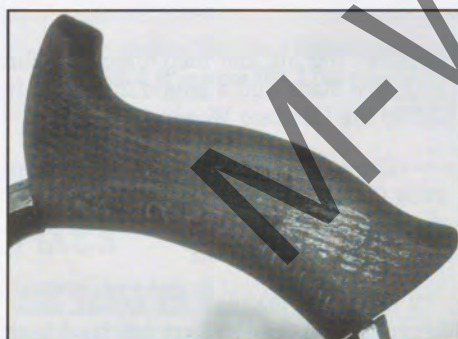
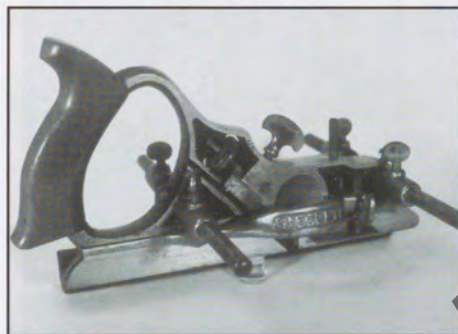
Cutters: 18; 7 beads (1/8" to 1/2"), 9 plows (3/16" to 7/8"), 1 match (1/4"), and 1 sash (1 1/2"); 4 1/8" long

Other:

Fence casting has an adjusting screw to make it micro adjustable. Fence is in two parts.



Type 9 (above and two photos below)



TYPE 9: 1905 - 1920

Patent: Jacob Siegley's Feb. 10, 1891 #446,194
Construction & finish: Cast iron, nickel plated with jappaned recesses
Cutter adjuster & clamp: Cutter block with "teeth" and a brass adjusting wheel,

Main body depth stop:

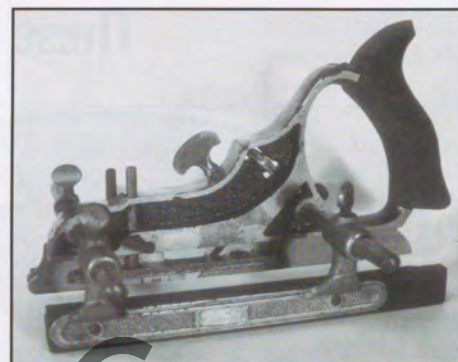
Screws:

Handle wood:

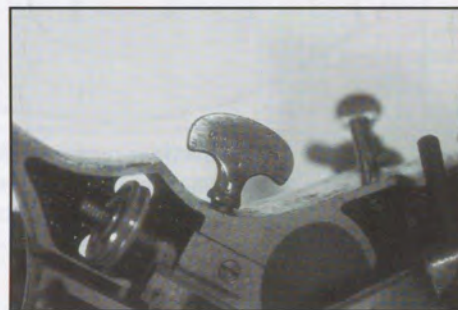
Fence wood:
Cutters:

Other:

clamped by a top mounted wing nut with a flat top
 Loose, 2 11/16" long, held with a wire loop-shaped screw
 Flat oval steel, same as Stanley # 45 & #55 planes
 EARLY: Beech stamped PAT 2-10-91
 LATE: Beech without patent date
 Rosewood, one piece
 18; 7 beads (1/8" to 1/2"), 9 plows (3/16" to 7/8"), 1 match (1/4"), and 1 sash (1 1/2"); 4 7/16" long
 The rods are changed to 25/64" diameter. These are the same as the Stanley #45 & #55 planes. A model of this type is known with SIEGLEY cast in large letters on the fence. A beading stop is also included with the plane and it is the same as the pre-patent date Stanley 55 beading stop. The planes of this type were sold by UNION PLANE COMPANY, after Siegley sold out to Union in 1905.



Type 10 (above and two photos below)

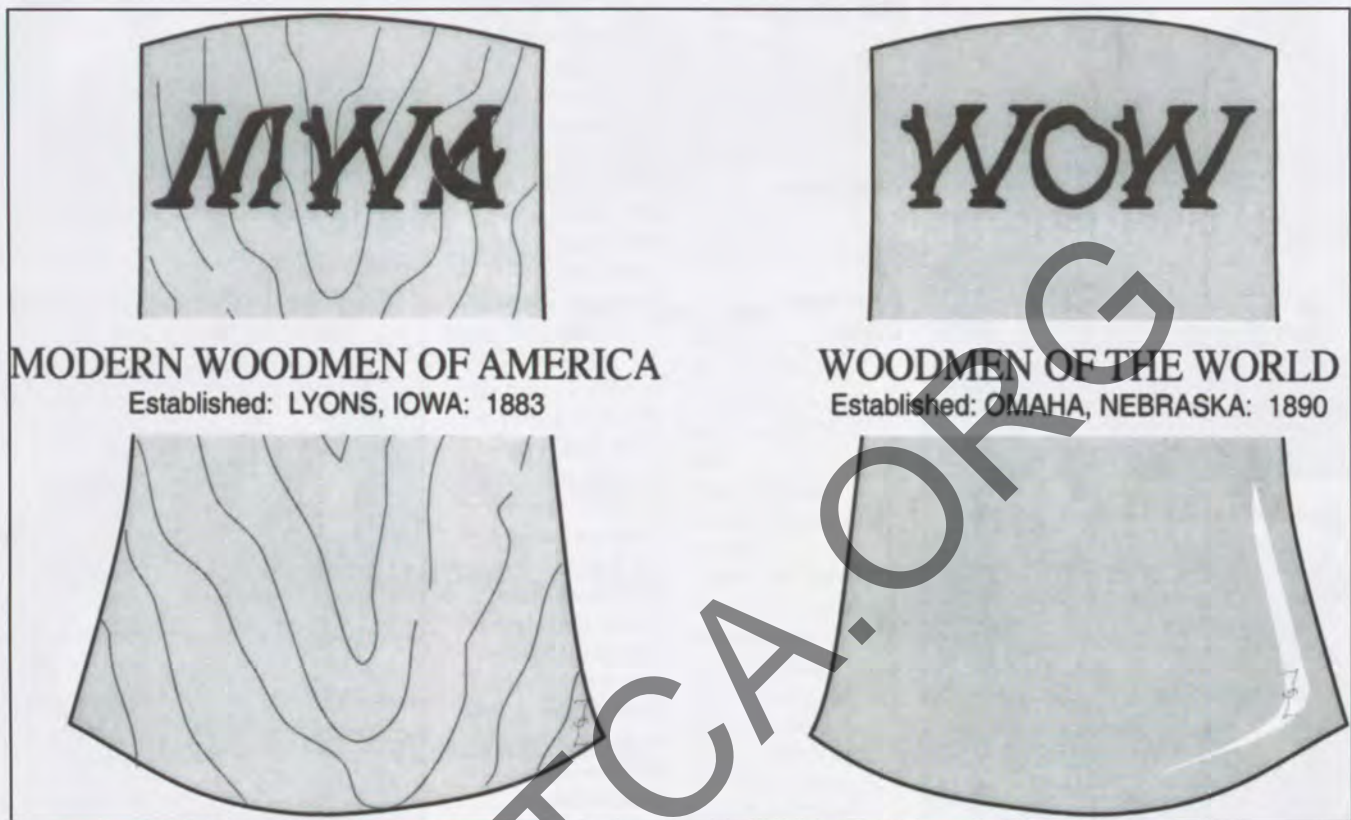


TYPE 10: 1920 - 1942

Patent: Jacob Siegley's Feb. 10, 1891 #446,194
Construction & finish: Cast iron, nickel plated with jappaned recesses
Cutter adjuster & clamp: Cutter block with "teeth" and a brass adjusting wheel, clamped by a top mounted wing nut with a flat top
Main body depth stop: Loose, 2 11/16" long, held with a wire loop-shaped screw

TOOLS

These Axes Were Not For Chopping



The depictions represent the two materials that were used for the symbolic axe heads: wood and aluminum. Some wood heads were painted silver. The lettering was either recessed or raised and usually matched the surface. The drawings depict the lettering so it shows more readily.

By Thomas C. Lamond © 2002

The combinations of letters depicted above represent two fraternal groups that used the axe, as well as other devices, as symbols of their organizations. Some of the axe heads were made of wood while others were made of aluminum. The axes were not meant to chop or cut any material. They were symbolic and were carried in parades and used in organizational ceremonies. Using wood or aluminum kept the weight to a minimum. These symbolic wood and aluminum axes are occasionally seen with bold, raised lettering. The aluminum axes were probably not used until sometime after the turn of the 20th century because prior to that time aluminum was very expensive to produce.

The symbolism of the axe, combined with other information reviewed, suggests that many of the early members were as-

sociated in one way or another with the lumbering or forest industries. Many may well have been actual woodsmen while others lived in regular communities. The larger groups were initially called brotherhoods and the members were associated with localized camps, called lodges. Early youth organizations affiliated with and sponsored by the Woodmen of the World (WOW) were called Boys of Woodcraft. That name was later changed to Sportsmen's Clubs.

These groups were involved in outdoor activities. Sometime after the mid-1900s the name of the participants was changed to Rangers.

Members of the Modern Woodmen of America (MWA) reportedly expressed their membership by wearing fraternal jewelry which often featured emblems such as the axe, the wedge and the beetle (wooden maul). Other symbolic jewelry

included the log and maple leaf, a palm with five stars and a shield and what is called the "Modern Woodmen Goat."

The symbolic wood and aluminum axes from both organizations are occasionally seen with bold, raised lettering. Some are painted silver.

Although many of the earlier members of these organizations may have been connected to a forestry industry, the founding of the organizations was intended for a wider scope of participants. Both groups were originally founded by Joseph Cullen Root to provide financial security to families from all walks of life.

The origin of the term "Woodmen" has never been verified or documented, but it is known that Root came from Lyons, IA, a community where lumbering was one of the main industries.

Continued on page 19



Pistolyxa, 1600-talet.
Enligt traditionen
funnen på slagfältet vid Lützen.
Tillhör Lunds universitets
historiska museum.

Axe-pistol, 17th century.
According to tradition
found on the battlefield of Lützen.
Property of the Historical Museum
of the University of Lund

**While visiting the Vasa Museum in Stockholm, Sweden, John Wells spotted an axe-pistol. It is from the 17th century and was found on the battlefield of Lutzen.
(John Wells Photo)**

Axes

Continued from page 18

In order for Root to implement his intentions, he envisioned a self-governing society whose members came from camps, called lodges, across America. These camps may well have been lumbering camps or other types of workforce-related communities. The societies were organized much like fraternal groups with chapters nationwide.

The specific reasons why two such organizations were formed by the same individual is unclear. Perhaps it had to

do with the geography or perhaps the times in which they were started was a contributing factor. Whatever the reasons, they shared many similarities, including the symbolic axes.

The Modern Woodmen of America were originally organized in Lyons, IA, in 1883. The Woodmen of the World were organized seven years later, 1890, in Omaha, NE. Over the years there have been mergers with other insurance-related organizations and today these organizations provide insurance to hundreds of thousands of members.

Siegley No. 2 Study

Continued from page 17

| | |
|--------------|---|
| Screws: | Flat oval steel, same as Stanley # 45 & #55 planes |
| Handle wood: | Beech |
| Fence wood: | Rosewood, one piece |
| Cutters: | 18; 7 beads (1/8" to 1/2"), 9 plows (3/16" to 7/8"), 1 match (1/4"), and 1 sash (11/2"); 4 7/16" long |
| Other: | The rods are 25/64" diameter. These are the same as the Stanley #45 & #55 planes. The fence casting has the No 2 milled off, and the milled area painted silver. A beading stop is also included with the plane and it is the same as the pre-patent date Stanley #55 beading stop. The planes of this type were marked UNION PLANE COMPANY on the top wing nut, and sold by Stanley, after Stanley bought out Union's plane business in 1920. This plane was sold as the # 44 combination plane. |



Leaning on a great grain cradle. A farm family in earlier days. Bud Brown collection.

BOOK REVIEWS

A Clear History of Dutch Plane Makers

At one time I was a college teacher and I often asked new students what the credentials of the author of their textbook were. Most did not know. This author has impressive credentials as a scholar and collector. I know Gerrit van der Sterre. His home in picturesque Culemborg is a perfect setting for his studies.

He is (like me) elderly. He is deliberate in his actions and sparing in his speech yet quick to smile, and seems to always be looking for ways to help those around him. An outstanding thing about Gerrit is the obvious affection and respect that is given him by those who know him and the tool collecting fraternity in The Netherlands. He is one of the founders of A&G, the Dutch tool collectors association.

When you read his book, he has removed the useless words and clearly presented the interesting facts. Not just the data that you expect concerning the history and evolution of Dutch planes and their makers with their marks, but also he seamlessly weaves in the history of that age, giving the reader a painless insight into the life and turbulent times of the planemakers.

This book belongs on the bookshelves of all tool collectors.

— Eric M. Peterson © 2002

Four Centuries of Dutch Planes and Planemakers [Vier eeuwen Nederlandse Shaven en Schavenmakers] By Gerrit van der Sterre. 263 pages and fully illustrated. 6.75x9.5 inches. Hardcover. \$29.95

Available in the US from Astragal Press, P.O. Box 239, Mendham, N.J. 07945-0239.
E-mail: Astragalpress@attglobal.net

An Informative Guide To Lathe Makers

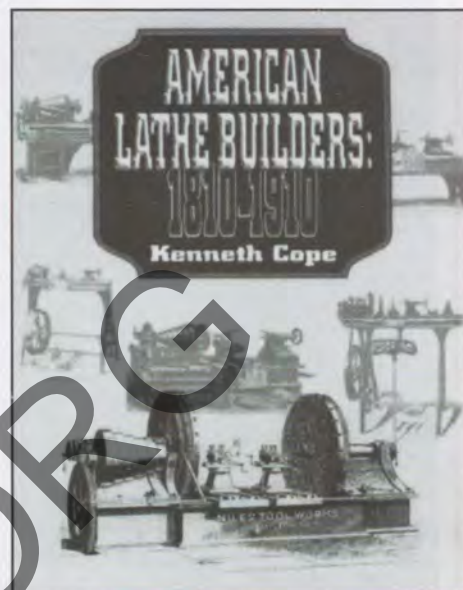
First, "Makers of Machinist's Tools." Then "More Makers of American Machinist's Tools." And now "American Lathe Builders, 1810-1910." Ken Cope continues his groundbreaking research into the machine tool industry.

His latest book is written in much the same style as his previous ones. Again he provides many illustrations, more than 1,000 this time, to make it easy for a collector to identify a tool. They are very clear, taken from original 18th and 19th century catalogs and periodicals.

Particularly helpful to the novice is the glossary describing many of the different kinds of lathes, from the fox lathe used to machine brass and other soft metal pieces, to the watchmaker's lathe to make small watch parts, to the hand lathe which has no tool holding device, to today's powerful high speed lathes.

An incessant researcher, the author is the first to identify lathe builders throughout the 19th and 20th centuries. The book contains information on 330 lathe builders, listed alphabetically with information on the maker, product and business. All in all, an important reference book that is well researched and offered in an easy-to-digest form.

— Mary Lou Stover



"American Lathe Builders, 1810-1910"
Kenneth L. Cope 240 pages, softcover
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Stanley Planes to include nos. 2, 602, 603, 4 type 3, 1104 four-square, 604, 604 1/2-C, 605, 605 1/2, 5 1/2 in the box, 606, 607, 608, 9 1/2 early, 9 3/4, 10, 10-C, 10 1/2 early, 12, 17, 20, G-27 1/2, 39, 40, 41, 45, 46, 48, 49, 50, 51, 55, 62, 65, 66, 70, 71, 72, 78, 80, 81, 82, 90, 92, 97, 98&99, 100, 110, 113, 141, 171, 190, 196 curved rabbet and others.

Patented planes to include Chaplins, Boston Metallic, Victor, Defiance, Davis, Siegley, Ohio, Buckeye and others.

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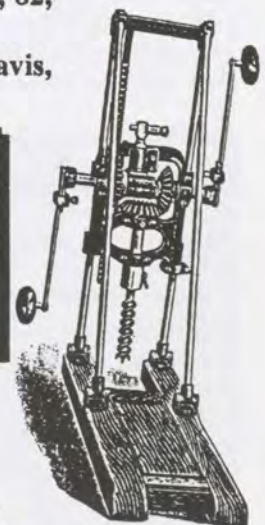
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Pit Saw



M-WTCA AUXILIARY

Making Friends

By Ann Boltz

How do people become acquainted? They get together and talk. That's what happened in Franklin, TN, at the Show and Tell Program.

Show and Tell is an informal gathering of women from diverse backgrounds and from across the United States which offers an opportunity for those who wish, first-time attendee or long-time attendee, to share a personal story or a tidbit about a collectible or a project.

Donna Mathias held up the harvest quilt she made, which consisted of beautiful fall colors. Another craft project was displayed by Shirley Linstromberg. Her attractive hand-crafted Japanese tote bags were lined and made in pastel colors. Shirley also presented her attractive Creation quilt. She has kept us updated with the work in progress, and the completed quilt has turned out quite lovely. Helen Devitt also displayed her sewing talent. She brought her completed Santa Claus counted cross-stitch which was a make-and-take project from a previous M-WTCA meeting. In addition, Helen created adorable hanging craft mementos in honor of the birth of a baby. These are counted cross-stitch baby's feet and include the baby's name and birth date stitched in the appropriate pink or blue color. These are then mounted on an embroidery hoop –



First-time attendees were honored at the Franklin, TN, national meeting. Left to right: Dorothy Christen, Kathy Hobbs, Kay Michael, JoAnne White.

oh so cute.

Both Maureen Henze and Susan Witzel wanted help with a quest. Maureen is searching for buttons with carousel horses and animals. Susan is looking for a doll hospital for her Toni doll made by the Ideal Toy Co.

Some women shared something of a more personal nature. Nancy Barker read one of her poems. The topic was about love and freedom. Alta Leemaster proudly displayed a photograph of her granddaughter's 4-H project, which won a rosette for Showmanship.

Some interesting collectibles were also exhibited. Jean Royal showed a new acquisition – a unique shoe horn. Peggy McBride described the function of a baker's tool, which was used to scrape off burnt crust from items left too long in the oven. Joey Gilmore held up a needle holder in the shape of a butterfly. Phyllis Moffet brought an arresting collection of shade pulls. These included a cast iron basket and parrot. She discussed shade pulls made of bakelite, showing some in the form of a girl and a bird on a swing.

Judy Gambrel told a story about researching family history. Judy's research revealed that her husband's grandfather

was due a pension from the armed services. The research also revealed that he suffered from rheumatism and piles. She learned that he was able to get his money only after providing witnesses to his medical problems. The research showed that he did, indeed, receive a \$2 a month pension for his rheumatism and piles. Most surprising is that he found people to attest to his condition!

Thanks to those who shared something special with us. You taught us something we didn't know, wowed us with lovely craft projects, touched us with a family vignette, and tickled a funny bone. It was a great time. When you attend the next M-WTCA meeting, come to Show and Tell and consider sharing a slice of your life. You just might walk away with some new friends.

A Hot Topic for Next Book Club

"Firebrand," by Susan Wiggs is the book to be discussed by the Auxiliary at

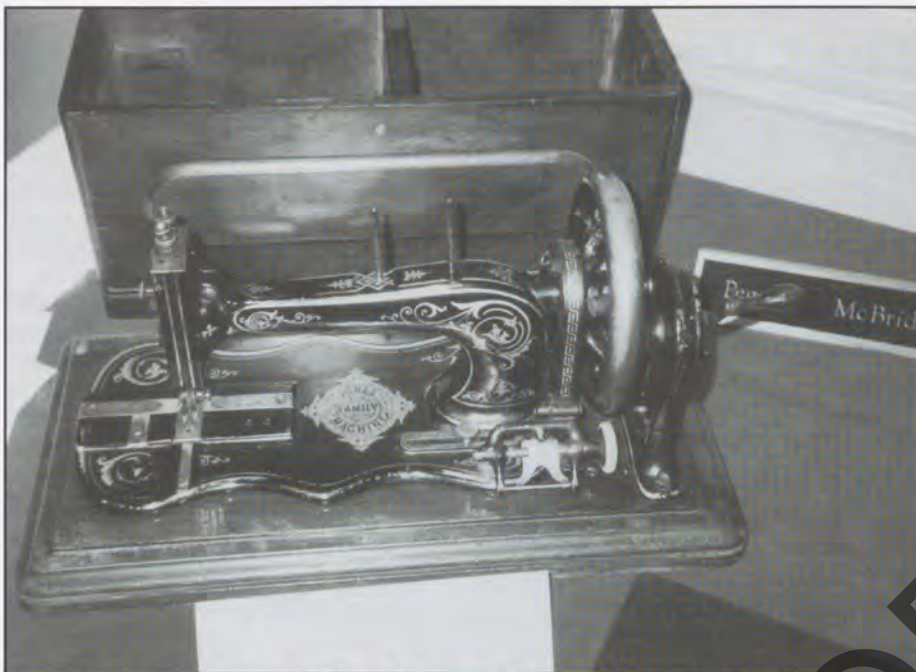
Women's Auxiliary Officers

| | |
|----------------|-----------------|
| President | Ann Boltz |
| Vice President | Arlene Fritchen |
| Secretary | Helen Devitt |
| Treasurer | Barb Slasinski |

All material for The Women's Auxiliary Pages should be sent to THE GRISTMILL editor:

Mary Lou Stover
S76 W19954 Prospect Drive
Muskego, WI 53150

Continued on page 23



"Hand Crank Sewing Machines" by Peggy McBride was awarded Most Historic award at the Franklin meet.

Hand Crank Sewing Machines

By Peggy McBride

When most people in the United States think of sewing machines used before the advent of the electric machine, we remember the treadle machine, which was a fixture in most homes in America. However, there was another machine – and that is the hand crank machine. Most companies made a version, and I chose to share three hand cranks from my collection with you at Franklin, TN. This is a fairly new collection for me, but I have had a lot of fun looking for these machines.

The two Jones machines in the display, which was awarded Most Historic, were manufactured by the Jones Sewing Machine Company Limited. Jones is the most famous name in British sewing manufacturing. William Jones began producing sewing machines in 1859 with factories first at Audenshaw, then from 1860 at Ashton-under-Lyne, both in east Manchester (then part of the County of Lancashire).

The factory in nearby Guide Bridge (a major railway junction which is now in Tameside, Greater Manchester) opened in

1869. Sewing machines have been made with the Jones name to the present day, though the company was taken over by the Brother Co. in 1968. In addition, a Jones factory in Guide Bridge, close to the site of the old 1869 premises, is still in production 128 years later.

The two Jones machines are very recent acquisitions, and I have not had time to "play" with them. However, I have no reason to think they will not sew. First, I have to find some needles for them.

We found the Singer machine on the way home from the spring tool show in Michigan. Although the decals are not as pretty as those on the Jones' machines, I have had a chance to oil and clean the Singer and it sews a very nice stitch. Not too bad for 110 years old.

The Fabric of Our Lives

By Helen Devitt

The theme, "The Fabric of Our Lives," in Tennessee was very appropriate for me to create a display. Fabric and working with fabric is an area with which I have been closely associated most of my life.

For the background of my display, I chose to use a quilt that my mother, Mary

Ethel Long, pieced over a period of 18 years. What makes the quilt unique is that the print fabrics are ones my mother used to make clothing for my sister and me, as well as fabrics used as covers for our high chair, potty chair, baby buggy, etc.

Clothing which I constructed and a photograph of people wearing the garments are the focal points of my display, which received Most Nostalgic and Best of Show ribbon in Franklin, TN.

My wedding dress of bridal satin and lace was worn when I married Jack Devitt in June 1958. The baptismal dress and slip with hand embroidery was worn by daughters Annette in 1960, Teresa in 1962 and Valerie in 1973. Next featured were the two first communion dresses I sewed. The lace and nylon organdy dress was worn by my older daughters in 1968 and 1970, and the cotton eyelet dress was worn by my youngest daughter in 1980.

In 1977, our son Brent wore a denim sport jacket that I tailored for his senior picture. A flower girl dress was made for our youngest daughter to wear in her brother's wedding to Michele Pujale in 1985. The picture of Jack and me shows

Continued on page 24

Book Club

Continued from page 22

the Decatur meeting.

Most people's knowledge of the Great Chicago Fire of 1871 is limited to the story of how Mrs. O'Leary's cow kicked over the lantern and started the inferno. That is probably not true. However, few of us have stopped to question how the citizens of Chicago survived the fire and went on to rebuild a city that was even better.

This book tells how some of them used this opportunity. Among them was a woman whose dream was to open a bookstore. The combination of the woman's movement and the encouragement of some segments of the business community gave her a chance. It was not easy, but she was determined to grasp this chance for independence that few women had available at that time.

And, yes ladies, there is a romance included to sweeten the history lesson.

Looking ahead, the book for the North Carolina meeting will be "Miss Julia Speaks Her Mind" by Ann B. Ross.



"The Fabric of our Lives," by Helen Devitt was named Best of Show and Most Nostalgic at the Franklin national meeting.

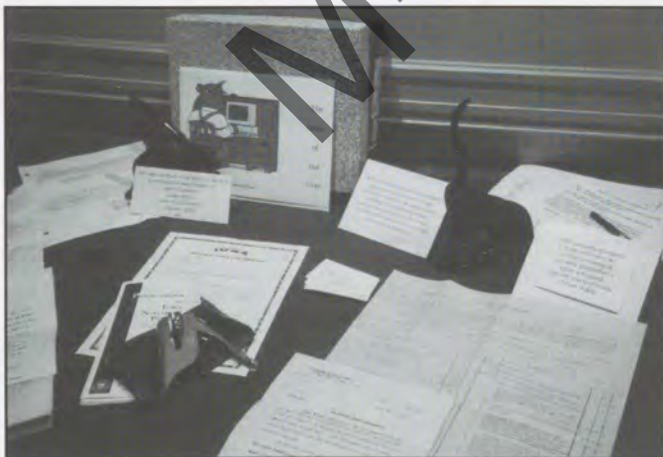
The Fabric of Our Lives

Continued from page 23

me wearing a hand-made crepe dress for our 25th wedding anniversary in 1983. The final garment, worn for a family picture on our 40th wedding anniversary, was a navy and white striped polyester pants suit with a white waffle pique blouse.

So this was truly the fabric of my life. I also included in the display a sewing

basket of fabric books made by my maternal Grandmother Mills for me to use in teaching fabric identification in home economics classes from 1956 to 1997. Also on display was a file of fabric and sewing samples from Clothing 101 at Bowling Green State University in 1953, as well as a notebook of numerous sewing samples I did in 1998 as part of the Ohio 4 H Master Clothing Educator Program.



"The Fabric of ur Lives" by Kathleen Holmes won Most Original at Franklin.

An Invite To Table Talk

By Judi Heckel

The women's theme for the meeting in Decatur should be a fun sharing of anything and everything that uses a table.

"Table Talk" lends itself to displays of collections of salt and pepper sets, antique cooking tools or kitchen gadgets. Perhaps you envision the kitchen table as the workplace for a women's collection of needlework tools, sewing tools or knitting tools. The possibilities are endless.

A special treat for all would be if many would share a table setting. Perhaps it will be a set of dishes received from a family member or purchased by an exceptional friend or simply appealed to the buyer at the antique shop. Just include an explanation for the special significance of that setting. Exhibitors choose either a half or full table. That will allow adequate space for a single place setting or a larger grouping of items.

Please bring a tablecloth or runner to cover the area that you select. Share centerpieces or other favorite pieces, as you will have a 30-inch depth by either a 48-inch or 96-inch length.

A sharing time is planned at the Welcome for First Time Attendees on Thursday, so please bring your new "finds" for all to enjoy. We think you'll like the other sessions planned for your pleasure. We are looking forward to the joys, the laughter and the fun of an M-WTCA meeting, and we are looking forward to seeing you.

The Fabric of Our Lives

By Kathleen Holmes

The warp and woof of the fabric of our lives is woven throughout with the necessary threads of legal paperwork. These are the stamp of the architect, the seal of the land surveyor, and the myriad other formal proceedings which provide for the orderly documenting of a nation and its people.

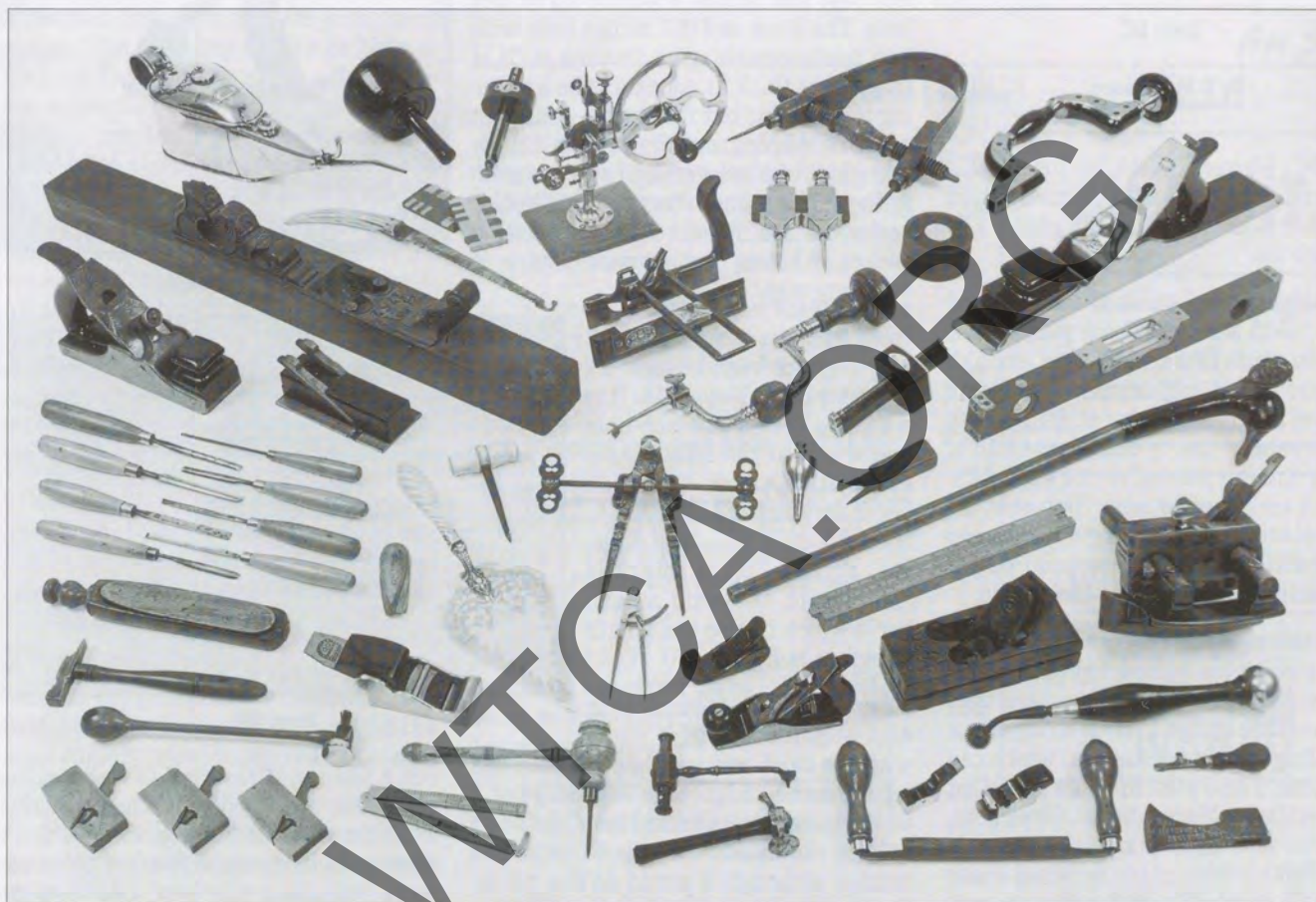
Included in the display at the M-WTCA meeting in Franklin, TN, were the notification to my grandfather about the disbursement of his father's estate in England, as well as several antique notary seal impressors. An unusual seal was the one that stamped meat as "kosher."

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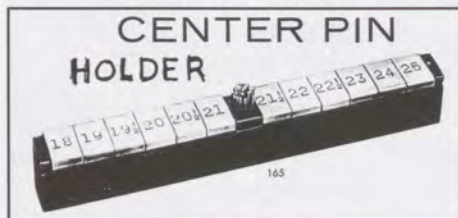
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WHATS-IT?



Item 5C

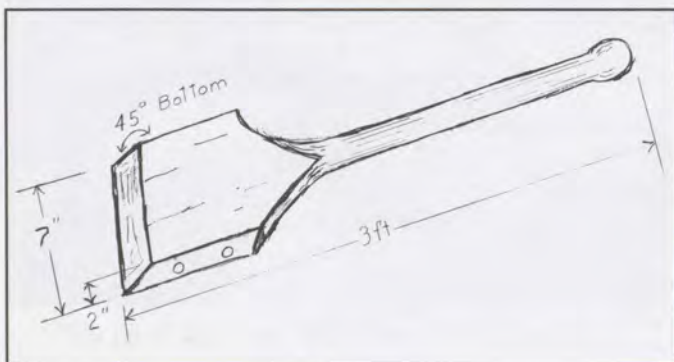
By O.M. Ramsey

Item 5C Warren Taylor, St. Joseph, IL, called me that this compartmentalized container was for pins for piano key mechanisms.

So right away I checked with my good friend, "Skip McLuckie" our piano tuner for forty-plus years, and sure enough these are called center pins. They come in sets of 16 units starting at .046-inches and increase in size by one thousandth of an inch and are pointed at one end of the 3/4-inch nickel silver pins. Skip sent me an old piano tuner's catalog verifying our findings. It also shows a special device for inserting and removing these pins.

In talking with others, I understand that a similar pin is inserted next to the regular piano wires/strings where they cross over the bridge to keep strings from "migrating" minute distances, which can affect tone. I also want to thank Mid-West member Dana Mazzaglia of Groveland, MA, who also sells piano -tuning tools including this item, made by Shaaf Piano Supply Co. and all the other respondents like Fred Mears of McLean, VA.

Item 5D In the last issue, we had asked about the R&R Mfg. Co. of Toledo, OH. We also had the tool at the Whats-it session at the national meeting in Franklin,



Item 5G

TN, last September. There we found out that the Ransom/Randolph Co. of Toledo, OH, did indeed make dental and surgical tools as listed in Jack Devitt's "Tools Made in Ohio" book.

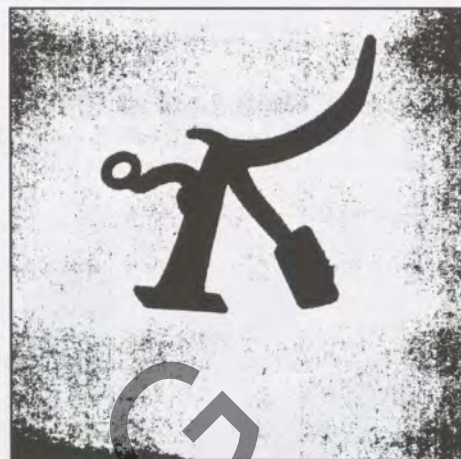
Item 5G I found this gem at a local auction last fall. It has a handle three feet long. The work end is 7 inches wide with two reinforcement pins through it. It is two inches thick. It appears to be a tamping tool of sorts but the bottom end is cut off at a 45 degree angle. One fellow thought it was an oversized strap wrench in the making and never got finished or perhaps a tool handle that drops into a socket. What is this monster staring at me every night?

Item 5H This comes from another good friend, Chester Burgette in Ft. Wayne, IN. It is v-shaped with a 1/4-inch hole just above at the intersection of the two sides. One side bends forward and the other to the back as if to induce a spiral action. It is marked "Marysville, O." with a number 4 which is also the length in inches.

Item 5I This 7 1/2-inch long cast aluminum pair of pliers with the most unusual shape of jaws has an approximate leverage advantage of 2 to 1 between the jaws and handle. I don't believe it closes enough to be a nut cracker although it would do the job for larger nuts. Can you help this nut out?

Item 5J This gadget came from John Wilde of Kennewick, WA, and really had me stumped. We had no idea as to its size and the picture only gave us a rough outline as to its shape. Luckily, when I called for more information he'd already found out that it was a wall-mounted holder for polishing shoes and the assorted shoe size tips were missing.

We enjoy trying to solve some of these mysteries, but please give some idea as to its size and material.



Item 5J



Item 5H

For a picture, please get different sides of the item with good light. Then, describe what its action is. Sometimes, we don't have a chance to explore all of these aspects, but give it your best shot. Give me a call or send a letter if you have a troublesome item, and maybe another member can help.

O.M. Ramsey
8114-1A Bridgeview Cir.
Ft. Wayne, IN 46816
(260) 447-2099



Item 5I

PUZZLED

By Hunter Pilkinton

As I write this it is Jan. 2, 2002, I didn't make any resolutions, just saved me breaking them.

I only got two tool related items this Christmas, both from my wife Jean. She's sneaky. I let her shop the fringe aisle at our local flea market, which seldom has any collectible tools. If she finds some, she tells me and I go look. Usually she reports "no tools." This time she found an isolated "goodie" and took a chance on it. It was a winner. I have decided to share it with you as my semi-whatsit for this issue. Her other tool was a resin casting of a small bench vise, very realistic, that had a little tray in the jaws to put a supply of business cards. I was quite pleased. Hope all you folks had a nice holiday.

Received answers to the December 2001 GRISTMILL puzzles from Thomas Wyman, Pala Alto, CA; B. G. Thomas, Cheltenham, Ontario; Ashley Kennedy, Evanston, IL. Now for the answers to the December 2001 GRISTMILL puzzles.

PUZZLE 1 - The large angle is rotated 90 degrees counter clockwise, the middle size angle stays the same, and the small angle rotates 90 degrees clockwise. See sketch.

PUZZLE 2 - A man with a phobia about doctors notices a large black growth on his head.

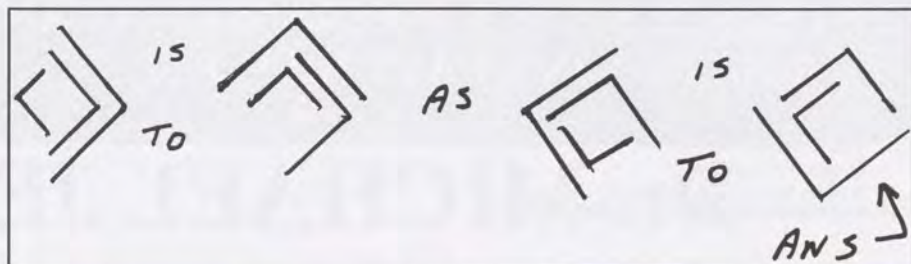
Even though he has no medical or surgical experience he manages to successfully remove the growth. How?

ANSWER - He shaves. Some answers said "haircut", but technically that only shortens, and does not remove the growth.

PUZZLE 3 - Why do English men use more soap than Irish men, without being noticeably cleaner? (I like this one.)

ANSWER - There are more English men than Irish men.

PUZZLE 4 - Take two small coins and place them on a table so they touch. You may touch one coin but not move it and move the other but not touch it. How can you move the coins apart so a book could be placed between them?



Puzzle 1 answer

ANSWER - Think croquet. Take a third coin, and holding down firmly on one coin, slide the third coin sharply against the coin being held, and the transmitted force will move the free coin.

Some of our puzzlers said tilt the table and slide the coins apart while holding one down. That would work, but it's a bit athletic.

And now for some NEW PUZZLES.

PUZZLE 1 - At a party with balloon decorations a "life of the party type" offered to take a fully inflated balloon and pierce it with a pin without exploding the balloon. How?

PUZZLE 2 - One month of the year, February, has either 28 or 29 days. How many months have 30 days? (How easy can you get?)

PUZZLE 3 - These puzzles can be deciphered to convey a phrase, saying, place, person, or thing. (See sketch at right)

Puzzles this month courtesy of "Mensa, Mighty Brain Teasers" and Frame Games by Terry Stickles

SEMI-WHATSIT - This is a good quality tool. The body is split so you can slide either part. The feet are graduated in 16ths and are 2 1/2 inches wide total. The body is graduated at foot end in 32nds. The slide with thumbscrew has a window with arrow pointer to read upper scale in 16ths. The half circle is thinned to 1/16th inch at top edge. The side next to the diameter is 3/32 inch thick. The neck is 1/16 inch diameter and 1/4 inches long. Back side of feet and lower body are also graduated same as front side. What is it? How was it used? It is not very old.

3a

MOMENT

3b

ARE BALL

3c

THE THE OCCASION

3d

MATE
GAME

Have fun! Send replies directly to:

Hunter Pilkinton,
2431 Highway 13, south
Phone: 931-296-3218
Waverly, TN 37185



Semi-Whats-it

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LARGE ILLUSTRATED CATALOG #20 will mail in late February. All tools fully described and graded with estimates. Prices realized after auction. Many items illustrated in full color. Absentee bidding available. **Catalog \$28.00. US and Canada. \$32.00US Overseas Airmail.** Or get the April Catalog and the next four issues of *The Fine Tool Journal* at a 10% savings. Only \$50.00 in the US, \$55.00US in Canada or \$70.00US for airmail anywhere in the world.



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MARKETPLACE

WANTED

Wanted: For research. Tools marked W. Beatty-Springfield, PA; W. Beatty-Waterville, PA; R. Beatty; J. Beatty & Bro.; J. Beatty & Co.; T.F. Beatty-Pottstown, PA; T. Beatty-Pottstown, PA; Caldwell Edge Tool Co.; Franklin Edge Tool Co.; Penna Tool Co.; Beatty & Ogden; Beatty & Fifer; and Beatty Edge Tool Co. If you have any tools with these marks, would you please contact Charles Beatty, 566 North Shore Drive, South Haven, MI 49090. (616) 637-9265, cbeatty@btc-bci.com

Wanted: Tools of any sort made by the Sandusky Tool Co. I don't have them all yet! Also, catalogs, advertising and related material. John Walkowiak, 3452 Humboldt Ave., Minneapolis, MN 55408 (612) 824-0785.

Wanted: Winchester items, tools, sporting goods or advertising. No firearms. Collections or pieces OK. Please advise price and condition. David McDonald, 14211 Kellywood Lane, Houston, TX 77079. (281) 558-5236 undermc@gateway.net

Winchester collector: wants any non-gun "Winchester" items, especially sports, pre-1940 advertising, or any items "new, in the box." Will trade or buy collections. Tim Melcher (918) 786-8500. e-mail: tmelcher@greencis.net or try my Web site: www.thewinchesterstore.com

Winchester: Seeking material for book. All items marked "The Winchester Store" and all pre-1923 advertising, sports items and paper. Also ARMAX, BARNEY & BERRY, CRUSADER and HENDRYX items. Tim Melcher, (918) 786-8500. tmelcher@greencis.net www.thewinchesterstore.com

Wanted: To look at your Woodworking Magazines or Woodworking Project plans from 1970s or earlier. Will pay you for each photocopy I make. Minneapolis area or will meet you at upcoming Minnesota shows. Paul Meisel, P. O. Box 258, Mound, MN 55364. (763) 479-2138, 9-5 central time.

Wanted: Antique dental and medical instruments. Prompt payment in American dollars. Bill McDougall, 420 Grande Dr., Albuquerque, NM 87107 (505) 344-9272.

Wanted: Wood planes by J. Strode and G. Strode. Also any information on these makers. They came to Ohio from Berkeley, WV, early part of the 19th century. Max Stebelton, 5990 Hamburg Rd., Amanda, OH 43130 (740) 969-2613. E-mail: ms2613@greenapple.com

Wanted: Plomb brand mechanics tools. Any pre-Proto tools or tool boxes. Bob Byron, 19 Chennal View Lane, Hoquiam, WA 98550. (360) 532-2764. E-mail: bobbyron@techline.com

FOR SALE

For sale: Antique tools, planes, Winchester, Stanley, Keen Kutter. Many other antiques. Send SASE for list and information to: G. Crosley, PO Box 405, Hampton, FL 32044.

For sale: Hardware wholesalers catalog of companies no longer in business. Originals, not reprints. Send SASE for list. Bicking, 101 Carrol Gate, Wheaton IL 50187.

For sale: Rare Shapleigh Hardware find. This collection was discovered several years ago and is just now being offered for sale. A.F. Shapleigh 1800's family photos; A. Wessel, president, 1938 25-year service pin 14K with .25 pt. diamond; Frank Shapleigh 80-year pin; letters written by A.F. Shapleigh to his son Alfred L. Shapleigh concerning business; company handout photos 1890s of A.F. Shapleigh; Shapleigh death memorials; certificates awarded to the Shapleighs and the business; many different photos dating from 1879-1950s. Send \$1 for complete listing. George Braun, 6101 Janet Lane, Florissant, MO 63033.

Auction: March 9, 2002, 10 a.m. Collection of William Thompson, variety of tools, primitives, railroad items, brass and copper items. Collectors Hall, N. East and Center St., Cambridge, IL. Stenzel Auction Service Inc. Geneseo/Osco IL (309) 526-8690 Web site www.StenzelAuction.com. IL license #04000486.

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| December | October 10 | Half page | \$ 105 | 450 |
| CLASSIFIED ADS — RATES | | Quarter page* | \$ 60 | 225 |
| \$18 per word — ALL words. | | Other sizes | \$9.50 per column inch | |
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*NOTE: For layout purposes, all quarter page ads must meet the following specifications: 2 columns (4-7/8") wide x 3-3/4" tall. This is called a "double column size ad." Photos — additional \$8 each (Polaroids not acceptable). Typesetting and borders are not included in the page rates. Special artwork will be charged at cost. We must have a sketch or rough drawing indicating how you want your ad laid out. Camera-ready ads are accepted at no additional charge. For your protection and complete satisfaction, ALL ads should be typewritten and double-spaced. If this is not possible, please PRINT legibly. Payment must accompany ad. Make checks payable to M-WTCA. At this time, advertising will be accepted only from M-WTCA members in good standing. For information and membership application, contact Paul Gorham at the address below or one of the officers whose address is shown on the inside front cover of this publication.

Send all ads to:
Paul Gorham, 811 Robin Glen, Indianola, IA 50125 (515) 962-5207
email: pgorham9@mchis.com

BACKTALK



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The photograph is of a nail puller, more than likely designed and constructed by a blacksmith. It is imprinted with "Pat Appld For." My research has been unable to find a patent.

It is apparent that the rocker that is the fulcrum that provides the leverage is of a horse shoe design. I would be interested in any information that anyone might have pertaining to a patent on this nail puller.

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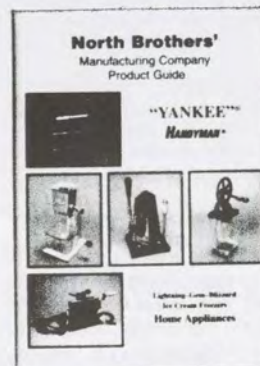
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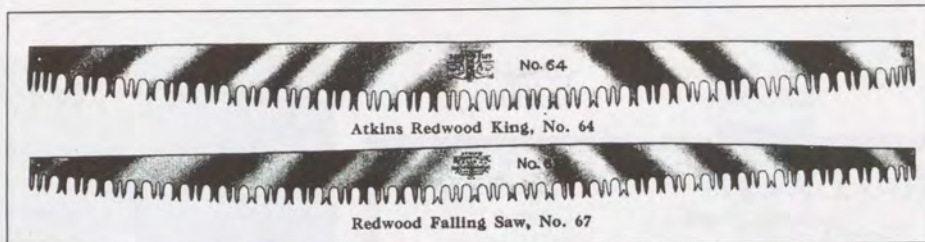
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| Listed Auction: | Holiday Inn Airport Select |
| Friday, March 8 | Indianapolis, Indiana |
| Auctioneer: | Bill Baxter |
| Catalogue Auction: | Holiday Inn Airport Select |
| Saturday, March 9 | Indianapolis, Indiana |
| Auctioneer: | Bill Baxter |
| Listed Auction: | Holiday Inn Everett Tpke. |
| Friday, April 26 | Nashua, New Hampshire |
| Auctioneer: | Paul Wilmott |
| Catalogue Auction: | Holiday Inn Everett Tpke. |
| Saturday, April 27 | Nashua, New Hampshire |
| Auctioneer: | Paul Wilmott |
| Catalogue Auction | Holiday Inn, Rochester Airport |
| Friday, May 17 | Rochester, NY |
| EAIA Meeting | Paul Wilmott |

(Auction Friday Evening is Open to the Public
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Auction Schedule (Continued)

| | |
|---------------------------------|----------------------------|
| Antique Tool Flea Mkt. | Withington Auction Estate |
| & Catalogue Auction: | Hillsboro Center, NH |
| Friday & Saturday | First 300 Lots Sold Friday |
| July 12 & 13 | Flea Market Dawn Saturday |
| Auctioneer: | Richard Withington |
| Listed Auction: | Holiday Inn Everett Tpke. |
| Friday, Sept. 20 | Nashua, New Hampshire |
| Auctioneer: | Paul Wilmott |
| Catalogue Auction: | Holiday Inn Everett Tpke. |
| Saturday, Sept. 21 | Nashua, New Hampshire |
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