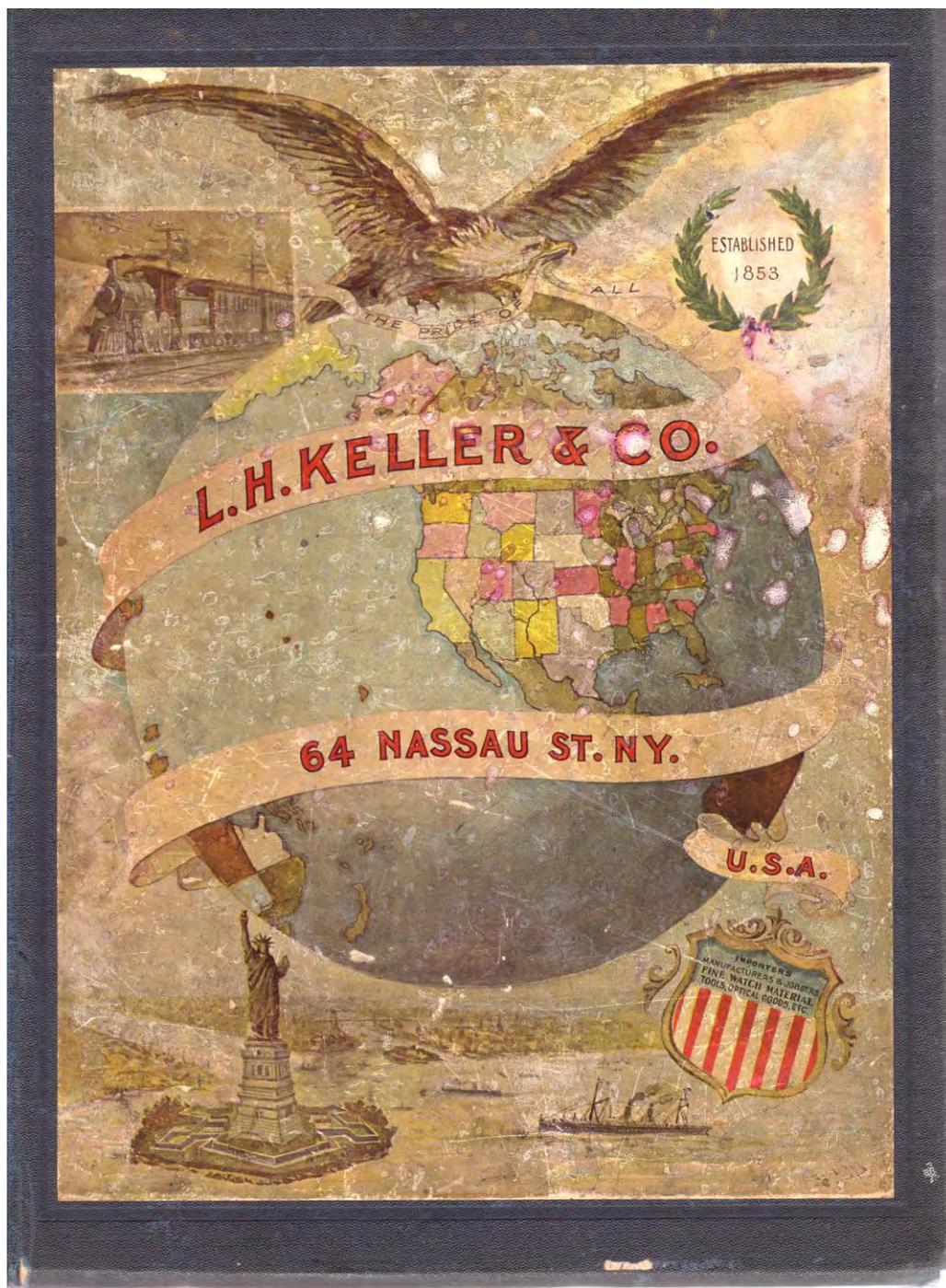


Newsletter of NAWCC Horological Tool Chapter #173
Summer 2012 – No. 12



The L. H. Keller & Co. - Horological Supply Catalogue
Printed in 1900

The Horological Tool Chapter of NAWCC

The Tool Enthusiasts' Round-Up is the newsletter of the Horological Tool Chapter #173 of the National Association of Watch and Clock Collectors Inc., a non-profit educational organization. This chapter and its newsletter are intended to foster interaction among NAWCC members who share a common interest in the use and collecting of horological tools of all sorts. If you have an item you have researched, a book of interest, or notes on a project you have made, please consider sharing your knowledge with others through the newsletter.

The annual chapter dues of \$10 will ensure that members receive the newsletter and are included in the Membership Directory when it is published. Members are also entitled to one classified ad in each issue. If you are interested in joining this chapter, which will meet at various large regionals and also at the National Convention each year, please send your annual dues to the Chapter Secretary/Treasurer.

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Just a Reminder

Your yearly dues are now due. If you are a member who pays for multiple years, the last page of this issue will tell you how to determine if you need to pay this year. We will no longer send newsletters to those who fail to pay on time. Please send in your dues promptly or you may not get the Fall/Winter newsletter on time.

Annual Meeting Notice

The Horological Tool Chapter will have its annual meeting at the MIDWEST REGIONAL. It will be held at the Porter County Exposition Center, August 3 & 4. The exposition center is located in Valparaiso, Indiana.

The regional programs will be "The Pouvillon Astronomical Clock, History and Restoration" and "Improving the Precision Regulator." An exhibit will feature Horological Advertising and Ephemera.

On Saturday, August the 4th, the tool chapter will hold its annual meeting at 10:30 AM. Absolutely no business will be conducted at the meeting, just fun stuff. A program will be given on gear cutting machinery and techniques. If you have any tool you would like to bring for show and tell, please do.

Chapter Business

This year we reduced the number of newsletters to three. The fall and winter issue were combined as one. This was an effort to save money and bring the chapter spending into line with its income. The Treasurer will determine if this cost cutting will allow use to maintain our dues at \$10 per year.

This amount of money is equivalent to the cost of two happy meals at McDonalds. Hopefully, Chapter benefits give you the same amount of pleasure or more? The board (unlike politicians) strives to spend your dollars as their own. If you like the Chapter, make sure to thank the board and our editorial team members next time you meet.

Bruce Forman

The Horological Trade Catalogue

Horological trade catalogues were rarely printed prior to the 19th Century because of the limited demand for specialized tools and the high cost of printing. Each page of a trade catalogue needed to be hand printed, using an engraved copper printing plate. These plates were expensive to produce, had a limited printing life, and mistakes were not easily corrected. Updating or changing a catalogue page meant that the entire page needed to be reengraved with the updates.

Catalogues were fragile and either wore out or were discarded when they became obsolete. For this reason, only two copies of the John Wyke catalogue are known to exist. Wyke was an English tool supplier who specialized in watch and clock making tools. His catalogue was printed in the 1770s and is one of the earliest horological tool catalogues yet discovered. Over 300 horological tools are shown in the catalogue. In many ways this is not surprising given the large English trade in watches and clocks. England was a center for the manufacture of watches during this time and produced over 180,000 watches per year.

Horological trade catalogues continued to be rather scarce until the end of the 1800s. By that time, modern machinery had reduced printing costs to a fraction of what they once were. Modern manufacturing had also dropped the cost of clocks and watches. This created a large demand for repair parts and supplies. Some horological supply catalogues were the size of a telephone book and several hundred pages long. Today they provide a valuable reference tool to the tool collector when it comes to identifying the use and original price of a horological tool. Only a few of these catalogues have been reprinted due to their size and the limited market for them. A rare exception is the Lapp & Flershem catalogue of 1887, reprinted by Greg McCreight. Even this edition is not complete, as Greg omitted many pages that were related to jewelry items. The reprinted catalogue is available from Greg's Clock Shop (419) 229-4349.

Even rarer than the trade catalogues are the trade flyers. Smaller and more fragile, than the catalogues, they were often disposed of shortly after being delivered to the customer. Since the full catalogues were expensive to produce, the trade flyer was a method to stimulate buying between editions. At least one flyer from the firm of H. H. Kayton is known to exist. Kayton was a large supply house in New York City that is known to have published a supply catalogue in 1891 and 1897. The undated flyer is titled "Kayton's Reminder, No. 3". The number 3 in the title may suggest that this was a quarterly publication. This mini-catalogue has been reproduced here at 90% of its original size. It is hoped that the members will find it of interest.

Bruce Forman
Copyright 2012

NOW TO BUSINESS.

OUR New Catalogue is in your hands, or should be, and you must admit that our assertion that it would be "the largest, best and most complete Catalogue of Tools, Materials, etc.," is correct. If you have not received it, it is your fault. Send your **BUSINESS CARD** as evidence that you are a legitimate watchmaker and jeweler and entitled to the catalogue, and you will, (if you have not already had one), receive it at once.

No postal card requests for same from parties unknown to the trade will be entertained. Send references when you want to open an account.

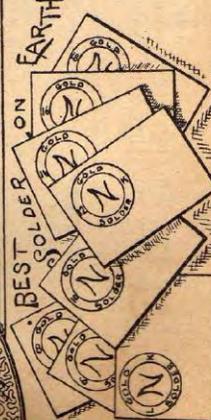
Remember, we meet all LEGITIMATE competition from any quarter. Let us hear from you.

**IF YOU DON'T
NEED ANYTHING NOW KEEP THIS
FOR FUTURE REFERENCE
AND INCLUDE
EASY FLOWING "X" GOLD SOLDER
IN YOUR ORDER**

KAYTON'S REMINDER

**WATCHMAKERS
AND
JEWELERS
100% SUPPLIES
AMERICAN
& IMPORTED
MATERIALS
OPTICAL
GOODS
Etc.**

**BEST SOLDER ON
EARTH**



NO 3

H.H. KAYTON
IMPORTER
**82 NASSAUST.
NEW YORK.**

HERE'S A "POINTER" FOR YOU



Don't be GUILTY of CARELESSNESS in making out your orders.

Use catalogue numbers as much as possible. That is just what catalogues are for.

Always send **samples of materials** when possible. It saves you delay and annoyances of getting wrong article.

Don't write your orders on envelopes alone. Put your order when sending samples on letter sheets, say what you want, make and size of movements, etc., etc.

AS A SPECIAL INDUCEMENT, we will allow a discount of 10 per cent. for cash, and to those having an account with us will allow same discount if bills are settled in thirty days on all goods not marked NET.

WHEN ORDERING GOODS SENT BY MAIL ENCLOSE STAMPS, OR EQUIVALENT, TO COVER POSTAGE.

EUREKA PALLET-SETTING TOOL.



It fills a long-felt want. No watch repairer can afford to be without it. Full directions sent with tool, for an easy and perfect method for "lining up" the escapement of a demoralized watch, including lock, drop and fork action. Price of tool, nickel base, bronze clamp, handsomely finished, \$1.50.

H. H. KAYTON, 82 Nassau Street, New York City.

BENCH BLOCKS.

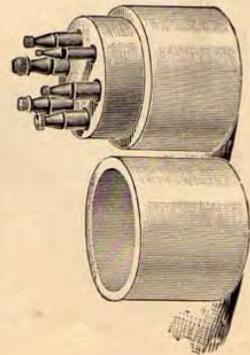
FOR USE IN STRAIGHTENING WORK, &c.
JUST WHAT YOU HAVE WANTED.



Planned true on top and reverse side. Has a series of half holes—round and square for convenience in working or bending wire rods, etc. Made in two sizes—and the price—that is the point—**look at the price.**

Small size, 2 x 4 1/2 inches, 50 cents.
Large " 2 3/4 x 6 " 75 "

H. H. KAYTON, 82 Nassau Street, New York City.



A Set of Six Milling Tools, for opening and recutting stone settings. The most useful and practical tools to cut a new seat or shoulder in a ring, broach, scarf pin, earrings, etc. Price, per set of six, **\$1.25.**

ROLLER CHUCK.



Enlarged front view.

We take pleasure in offering this chuck to the trade knowing it to be the best designed chuck in all the essential features that make a chuck run true. We are enabled to make the large hole very close to the center hole, so small rollers of any size can be placed right up to chuck while on the balance, without any danger of breaking roller pin; thus saving revolving roller. The flat faced chuck is the truest style one can get for staff work. No. 5-5 1/2-6-6 1/2-7-7 1/2, take all sizes of staffs, (lower or Roller end) and are made to fit any Lathe. Price, \$1.35 each, or \$6.50 set of 6.

H. H. KAYTON, 82 Nassau Street, New York City.

SOMETHING NEW. SCHIRMER'S GOLD & SILVER FERRULES for Mending Riding Temples.

These ferrules are made in three sizes so as to fit any size temple. They are put up in packages, each package containing 1 doz. 10k. gold and 1 doz. silver ferrules, assorted sizes. They are thin and seamless, and will make a neat and durable job, not taking out the temper of the temple as hard soldering does and the job can be done in much less time. They can also be used as joints for watch cases, locks, etc.

Directions.—Taper the ends of temples as shown in cut, put on the ferrule and soft solder.

Price, 75 cents per package. Sold only by the package.

Set of S. W. BENCH KEYS
No. 60.
Suitable for all sizes
Female Windings.
Per Set, 60 cents.

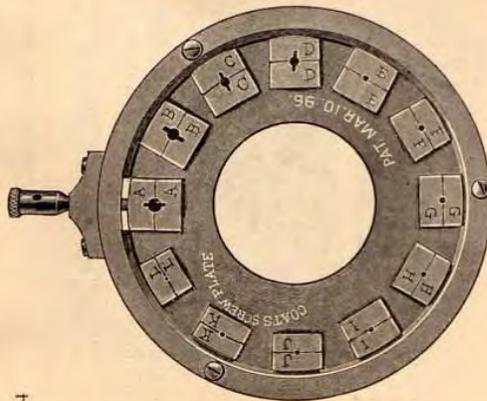


COATS' SCREW PLATE.

PATENTED MARCH 10, 1896.

The cut shows the Adjustable Screw Plate. The counter plate which holds the dies, is made to revolve inside the outer ring, the die you wish to use being brought immediately under the knurled screw. The same die can be used to make screws for the movements of the different watch companies, as we find the pitch to be the same, although the diameters vary, but as each die is adjustable, taps or screws can be cut with precision. Will cut thread on all size of screws from and including 0.13 to 0.01 in diameter.

Price complete, Nickel Plated, \$3.00.
In Morocco Cases, - - - 3.00
Extra Dies, 25 Cents Per Pair.

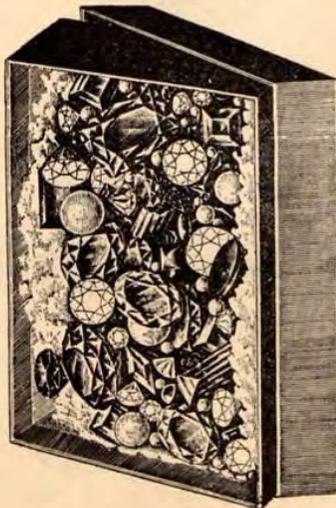


H. H. KAYTON, 82 Nassau Street, New York City.

JUST WHAT IS WANTED BY THE JEWELER.
HANDY TO HAVE FOR JOBBING.

One gross assorted colors jobbing stones,
per gross,.....\$1.75

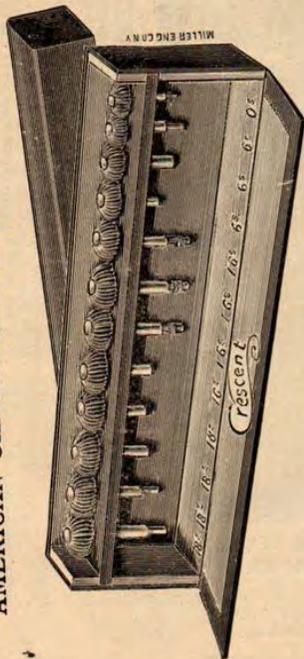
By mail, 80 cents.



Low Karat, dwt. \$0.30 12 Karat, dwt. \$0.70
6 " " .35 14 " " .80
8 " " .40 18 " " .85
10 " " .50 20 " " 1.20

H. H. KAYTON, 82 Nassau Street, New York City.

AMERICAN SILVER AND GOLD CROWN COMBINATIONS.



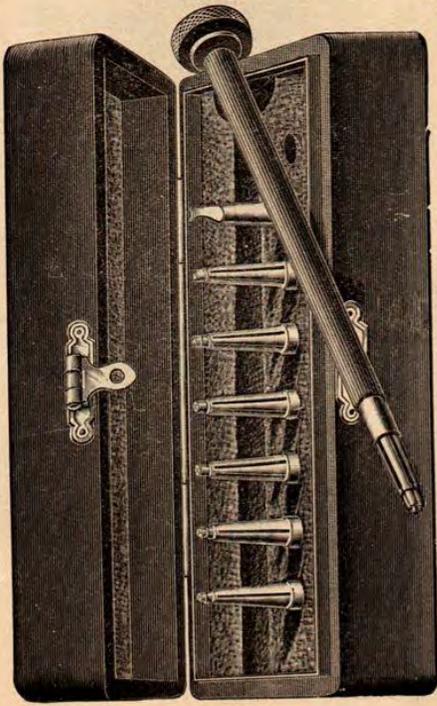
Our Ideal Crown Cabinet, containing silver and gold crowns, stems and sleeves price, complete,

\$4.00.

Put up in neat boxes, novel and practical. an assortment following:

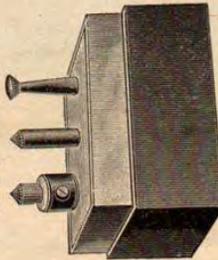
Price for Silver Crown, per box, 55 cents.
Price for Gold Crown per box, \$1.00.

ACME JEWELING TOOL.
A most complete tool for opening and closing Jewel Settings.



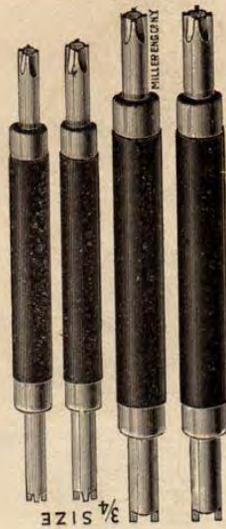
Acme Jeweling Tools, per set, \$1.75.

SET OF THREE MILLING TOOLS IN BOX.



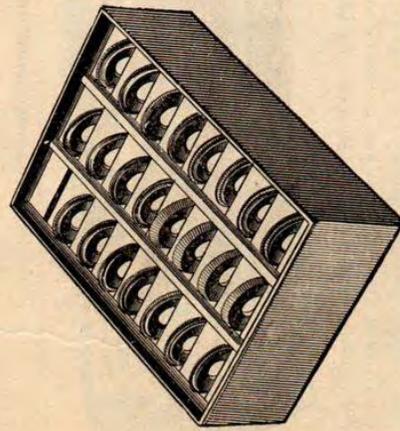
Used in milling any kind of settings and a variety of other jewelry work; milling out crowns in cases; cutting out bezels inside; countersinking pendants for bezels; milling links for wheels in stems, works and other parts. Set of 3 in box, \$1.50.

H. H. KAYTON, 82 Nassau Street, New York City.



SET H, of 4 Pendant Set Screw Drivers, \$1.25.

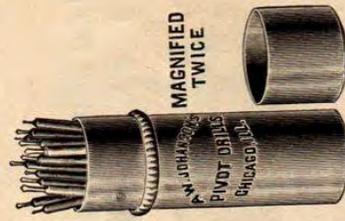
These are thoroughly good tools for the purpose, and will be appreciated by all workmen, and the price is within the reach of every one. Remember, you have 4 double end tools, giving 8 ends, fitting all sizes and kinds.



Set of 34 wheel cutters in box, consisting of 8 flat bottom, 8 round bottom, 4 ratchet and 4 wolf-tooth cutters, well assorted in sizes. Price, per set, \$7.00.

Johanson's Finished Pivot Drills.

Price, 50 cents per dozen.

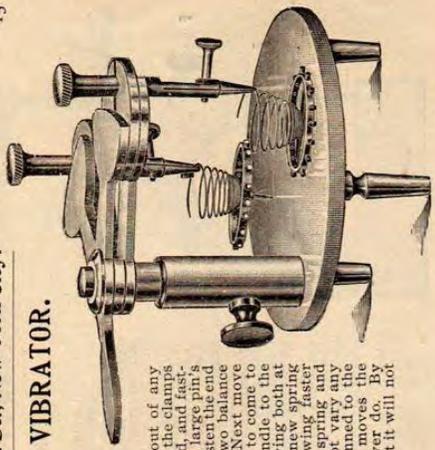


Superior to any Drill in the market. Twelve sizes, assorted in brass tubular box.

H. H. KAYTON, 82 Nassau St., New York City.

AUTOMATIC HAIRSPRING VIBRATOR.

How to Select a Hairspring with the New Hair Spring Vibrator.



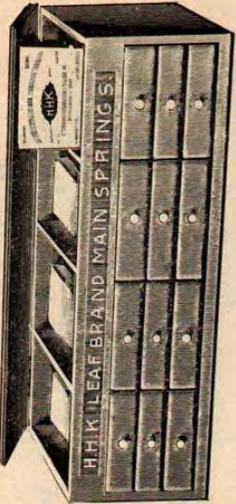
Take the Balance with Hairspring attached, out of any case, and place the hairspring end to one of the clamps of the tool, then take the new hairspring to be tried, and fasten it by means of a small ball of beeswax (size of a large pin's head) to the balance which it is to run. This done fasten the end of the spring to the other clamp of the tool. The two balance wheels are now opposite each other on the tool. Next move a rest, and then the clamps, so that the wheels come to a rest, and the hairspring is in the center. The balance wheels will start to swing both at the same instant. Watch the one which has the new spring for a few seconds, and it will be found either to swing faster or slower. If too slow, fasten the next turn of the spring and try again, and so on, until the two wheels will not vary any more for about 30 seconds; then it can be safely pinned to the collet. If the spring selected on the first trial moves faster because of this tool, a balance may be timed so that it will not require any more repinning after the first time.

Price, \$3.00.

H. H. KAYTON, 82 Nassau Street, New York City.

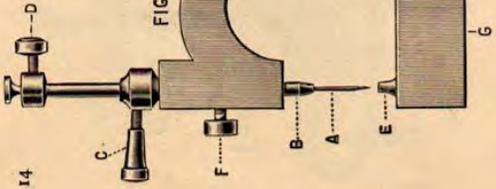
Leaf Brand Main Springs

For All American Watches.



\$1.00 per doz. \$11.00 per gross.

Gross after gross sold and not a single complaint from any cause. No matter what spring you have tried. No matter what price you have paid. If you want the **Very Best** try the "Leaf." At the price we have decided to sell them at you should at least send us a trial order and convince yourself of their superior quality and finish. With every first order for a full gross we send a specially made cabinet like cut above. Remember this—the *point* we make is quality and incidentally the price. \$11.00 per gross. \$1.00 per dozen.

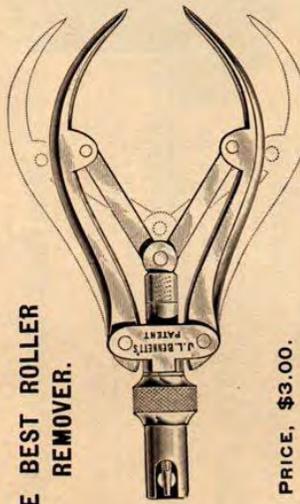


Striker's Patent Balance Staff & Pivot Length Gauge FOR THE ARTIST WATCH REPAIRER.

Will save you time! You will never have to do a job twice over. The correct fitting of balance staff made extremely simple and absolutely certain. No more guessing, too long or too short. No fear when the staff is fixed, it will be too long or too short. An hour per cent of the use of this tool. For pivoting it is worth its price alone. The length of a broken of balance pivot can be obtained in a few seconds. Once you place your staff in chuck to turn pivot, you need never remove it to make length measurements, as by use of the Double Stem Fig. A, all measurements are taken while the staff is in chuck. In making a new staff, it is a simple and exact gauge for finding the extreme length the staff should be, retaining that measurement, so that you can make comparisons at any time during the process of building a new staff. It will locate with absolute accuracy the balance or roller seats. Its lightness and adaptability for gauging length, and different seats on staff correctly without removing the staff from chuck, will appeal to every thorough workman who knows the objection of taking staff out of chuck to make measurements and trying to replace it. Hand this to your workman. It will save you many hours of time and make your work more exact. Full instructions sent with every tool, and is finished throughout and every tool is guaranteed to be perfect. Price, gilt, \$8.00, nickel plated, \$2.50 each.

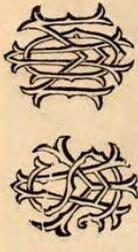
H. H. KAYTON, 82 Nassau Street, New York City.

THE BEST ROLLER REMOVER.



PRICE, \$3.00.

This is the latest and best tool for the purpose that has ever been placed on the market. It will remove all rollers commonly used in watches without injury to either roller or pivots. The construction of the tool is simple and effective, as can readily be seen. When used the handles have an even parallel pressure on the center punch and staff, thus making it a safe, easy and quick tool to handle.



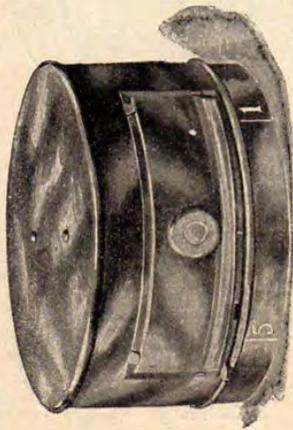
MONOGRAMS.

A book for engravers and beginners. Contains over 2,300 designs of 2 and 3 letter Monograms, with old English, script, text and cypher Monograms.

Price, \$1.00.

Write for special list of books pertaining to the trade. See pages 12 and 13 of my illustrated 1896 and 1897 catalogue.

H. H. KAYTON, 82 Nassau Street, New York City.



Half the Actual Size.

The price of the Photake Camera, including 6 Dry Plates, Chemicals, 1 doz. Printing Papers, Ruby lamp and Book of Directions is

\$2.50

What Photake Photography Costs.

With the Photake Camera the cost of photography is reduced to a minimum. The glass plates upon which the negatives are made cost 25 cents a dozen, and from each negative you can make as many finished pictures as you desire at the cost of one cent each.

With the Photake, using glass plates as it does, the developing and making of pictures is so simple that we strongly advise our patrons to do it themselves. This is half the pleasure of photography.

However, those who do not care to do this can send their negatives to us and we will do it for them at a very moderate cost. Discount to the trade in quantities of 1/2 dozen or more.

Send for booklet.

H. H. KAYTON, 82 Nassau Street, New York City.

The X RAY PALLET JEWEL SETTER.

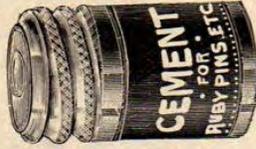


DIRECTIONS.

In using the X Ray Pallet Jewel Setter, place the lever on center disc, adjust clamp piece over lever and face of jewel. If pallet jewels are too deep, push jewel up to center disc before heating it, when it is heated, push on 1/2 degree or more if necessary. Should escapement appear too shallow, set indicator back from pallet jewel 1/2 degree, or so much as required; push jewel up to indicator; heat until the shellac flows over the stone. In this manner the pallet jewels can be more accurately adjusted than with any other device in the market.

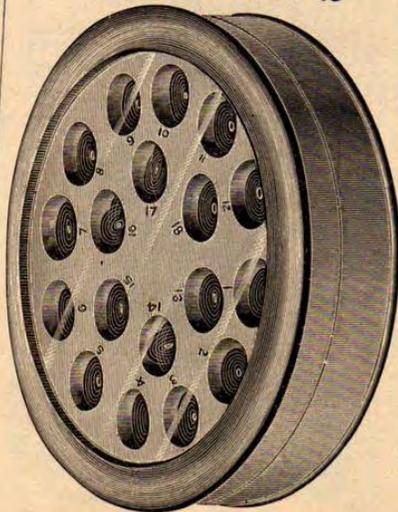
PRICE, \$2.00.

CEMENT FOR RUBY PINS, ETC.



Price per Bottle, 10 cents.

H. H. KAYTON, 82 Nassau Street, New York City.



Collected Hairspring Combinations in 3 Different Assortments.

CONTENTS.

- 1 Waltham 18s O. M.
- 2 " 18s N. M.
- 3 " 16s P. S.
- 4 " 18s " " & S.
- 5 " 18s " " & S.
- 6 " 18s " " & S.
- 7 Elgin 18s O. T.
- 8 " 18s S. T.
- 9 " 18s " " & S.
- 10 " 18s " " & S.
- 11 " 18s " " & S.
- 12 " 18s " " & S.
- 13 N. Y. Standard 18s O. M.
- 14 Rockford 18s " " & S.
- 15 Illinois 18s " " & S.
- 16 Hampden 18s " " & S.
- 17 Columbus 18s " " & S.
- 18 Trenton 18s " " & S.

TOTAL QUANTITY FOUR DOZEN.

Labels like above are pasted on back of box.

PRICE PER SET, \$2.50.

H. H. KAYTON, 82 Nassau Street, New York City.

CONTENTS.

- 1 N. Y. Standard 18s
- 2 " " 16s
- 3 " " 18s
- 4 Rockford 18s
- 5 " " 16s
- 6 " " 18s
- 7 Illinois 18s O. F.
- 8 " " 18s
- 9 " " 16s
- 10 " " 18s
- 11 Hampden 18s
- 12 " " 16s
- 13 " " 18s
- 14 " " 000s
- 15 Columbus 18s
- 16 " " 16s
- 17 Trenton 18s
- 18 " " 16s

CHAMPION HAIRSPRING

COMBINATION No. 2.

CHAMPION HAIRSPRING COMBINATION

CONSISTING OF

Four Doz. Collected Hairsprings

FOR ALL

Sizes Swiss Watches.

- 1/6 1/6 1/6 1/4 1/6 1/4 1/6 1/4 Doz.
- 4 5 6 7 8 9 10 11 12 Ligne.
- 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 Doz.
- 13 14 15 16 17 18 19 20 21 Ligne.

TOTAL QUANTITY FOUR DOZEN.

PRICE PER SET, \$2.50.

See preceding page for illustration of box.

See preceding page for illustration of box.

H. H. KAYTON, 82 Nassau Street, New York City.

NEW SCREW DRIVERS.



These screw drivers are carefully made, finely finished and very handsome in appearance. They have nickel plated ferrule and driving caps, with polished hard rubber handles, and are so balanced that they stand upright on the bench if desired. The bits are of Stubbs' fine and durable steel, and give the largest amount of strength and durability. The sizes of bits are Nos. 30, 40, 50 and 60, Stubbs' wire cutters, which are so made that new blades can be inserted, if the others become injured by abuse or careless handling, so that when once purchased they will remain permanently useful.

Per set of four, in box, \$1.25 | Per set of five, without box, \$1.25
 These drivers are also supplied with bits of Nos. 35, 45, 55 and 65, Stubbs' wire gauge which can be specially ordered, and will be finished at the same prices as the regular sizes given above.

CIRCULAR GLASS CUTTER.

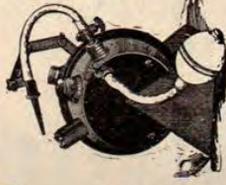
Cuts all sizes round glasses for clocks, also round top glasses with square sides, and can also be used for all kinds of glass cutting. You can't afford to be without one at the price.

Complete, with Cutter, \$1.75.



H. H. KAYTON, 82 Nassau Street, New York City.

The "Little Wonder"
COMBINATION
ADJUSTABLE
BLOW PIPE,



FOR JEWELERS,
 DENTISTS,
 ETC.

Price, \$3.50.

The most powerful focus invented. Changed at once to blast. Melts gold, copper, steel, &c., by contact with point of focus. Steady and sharp as a needle. You can hard-solder as easy with this as to soft-solder with the ordinary. Heavy watch cases, table spoons, &c., easy jobs to solder with the "Little Wonder." Guaranteed to fuse steel wire or split a strip of ordinary sheet copper. Great saving in labor, lungs and alcohol.

Full directions with each.

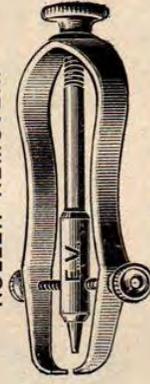
BALANCE SCREW MILLERS
FOR REDUCING THE WEIGHT OF BALANCE SCREWS.



ENLARGED

Price, per set of 2, 50 cents.
 It is often found necessary to reduce the weight of a balance. To do this properly, these Millers are brought to the attention of the trade. The enlarged illustration shows the screw cut out. The two cutters are suitable for all sizes of balance screws.
DIRECTIONS—Place Miller in chuck and threaded part of screw in hole in end of Miller. Hold the screw with screw driver and turn lathe until enough of the metal is removed.

ROLLER REMOVER.



No. 31. 60 cents each.

H. H. KAYTON, 82 Nassau Street, New York City.

Snap No. 1.

CLOCK MATERIAL.

Plain Springs, finely polished, all sizes; Pendulum Rods; Clicks; Rivets; Hands; Dials. You use them every day and you know it don't pay to keep your customers waiting, so send your orders to headquarters for everything needed for clock repairing.

WE HAVE IT.

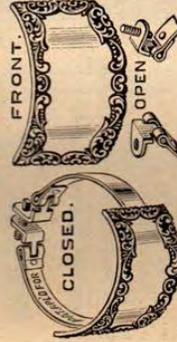
	Reg. Price.
1 package Washers.	\$0.20
1 doz. assorted Clock Keys, brass.	.30
1 " 1-day Clock Springs, assorted,	.75
1/2 " 8-day " "	.50
1 " Pendulum Rods,	.30
1 box Clock Pins,	.30
	\$1.50

Snap No. 2.

JOBGING MATERIAL.

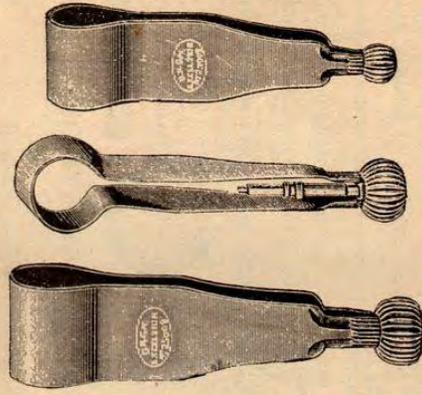
	Reg. Price.
1 doz. R. P. Lever Button Backs,	\$0.75
1 " R. P. Scarf Pin Backs,	.60
1 " gilt Scarf Pin Backs,	.15
1 " best R. P. Spirals, flat wire	.50
1 " best Pintongs,	.85
1/2 " R. P. Wire,	.75
3 " R. P. Ear Wires, assorted,	.90
1/2 gro. best-plated Catches,	.38
1/2 " best plated Joints,	.37
	\$3.50

THE WHEELHOUSE PATENT
BICYCLE NAME PLATE.



It is a decided improvement over plates that are attached by strap and buckle, or with snap. It is adjustable and secure. The screw turns with a key. Cut is about 3/4 actual size. Price of above design to the trade, all sterling but screw and key, \$7.50 per doz.

A most practical tool for enlarging crowns. Stems made of fine hardened steel, nickel-plated. Must not be removed while the tool is in operation.



EXCELSIOR CROWN CUTTERS, in sets of 3. Per Set, \$1.25.

A FEW SPECIALTIES.



BURT'S PENDANT BOW TOOL.

For miling the end of pendant bow, and the pendant, to perfect fit. You can't do a good job without it.

Price Reduced to 25 cents.

... Fits any American Lathe . . .



FULLER'S MILLING TOOL.

For cutting the seat for diamonds and other stones in settings. For new work or repairing.

Do Your Own Stone Setting . . .

Easy enough if you use Fuller's Milling Tool. Price, \$1.00.

Fits any American Lathe.

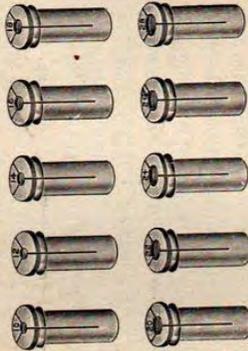


SPECTACLE MILLER.

Simplest thing in the world to do a nice repair job on Spectacles if you have one of these tools. Mills the groove for lens out smooth after soldering, and prevents chipping. Price, with 3 cutters of different size, **75 cents.**

Fits any American Lathe.

**JUST OUT!
HARDINGE JEWELING CHUCKS**



These chucks are made of brass and are stepped for jewels having range from No. 33 in odd numbers also even numbers if desired. They are to be used in a wire chuck, being made in a variety of sizes, viz. No. 38 and No. 50. The steps in sizes larger than holes, so jewels can be reversed in step. Price per set of ten, as above, \$1.50. Single chuck, 30 cents. Made also without steps, for screws, if desired.

REPAIRING.

We are prepared to do all kinds of Watch and Jewelry Repairing, Stone Cutting, etc. You can save express charges by sending your repairing with your order for tools, material, etc., thus making but one package. With every facility for doing all classes of work, and with a complete stock of tools and material, we know we can please you in every respect.

Promptness our motto.

CAN YOU AFFORD TO BE WITHOUT IT?



Price, 25 cents per box.
By mail, 30 cents per box.

This Paste is the best silver plating preparation in the market. It is made of pure silver, and there is no mercury or cyanide in it. It is absolutely safe to use and will deposit a heavy coat of silver on all kinds of Brass Watch Cases, Candlesticks, Door Plates, Carriage Lamps, Spoons, Forks, etc. It can be burnished or polished with whiting and a brush. It is simply applied with a piece of cloth, well moistened with water. The chemicals of which it is composed form an electro deposit on the work, and make the silver deposit in the pores of the metal.

One Box will do \$10. worth of Plating.

OUR MONOGRAM WATCH AND CLOCK OILS.

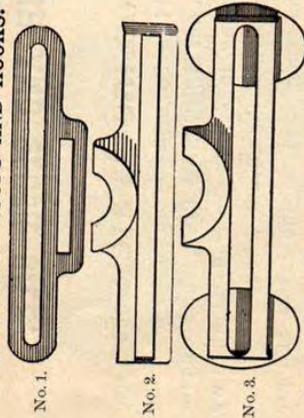
Owing to the advance in the price of Kelly's and Nyes' oils, we looked about to get a good fish oil the equal of the others and found it in our **MONOGRAM OILS**, which we propose for the time being, to sell to the trade at prices we furnished the others at before the advance.

These oils are as represented on the labels and are guaranteed satisfactory in every respect and as a lubricator the equal of the best.

Price, 15 cents per bottle, or \$1.50 per dozen.



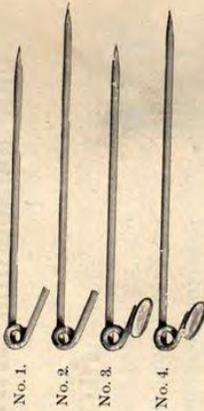
BELT BUCKLE LOOPS AND HOOKS.



In these days of Belts, you will appreciate these.

No. 1.	Per doz., Silver, \$2.00; Ger. Silver, \$0.50
" 2.	" " " 2.00; " " " .50
" 3.	" " " 3.00; " " " .75

BELT PINTONGS.



All the ladies wear them and of course break them.

		Silver Plated.	R. P.	Solid Silver.
No. 1.	Per doz.,	\$0.15	\$0.60	\$0.60
" 2.	" " "	.15	.75	.75
" 3.	" " "	.15	.75	.75
" 4.	" " "	.15	.85	.85

The LATEST and BEST for Displaying your Jewelry.

To convince yourself of the advantages of this

Moroccine Watch Box,

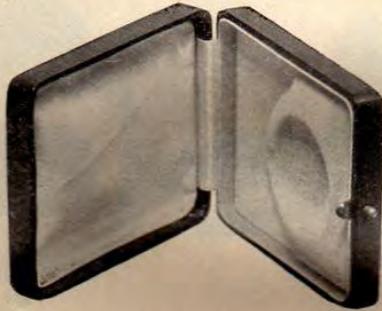
Send for a Sample.

Neater and cheaper than any box you ever bought.

Price, \$3.50 a Dozen.

Also same in ring \$2.50 or stud, at \$3.00 per doz. Earring, screw earrings, scarf pins, lace pins, link sleeve buttons, broach and locket at \$3.50 doz.

Moroccine Covered, Velvet Lined, Shaped, Solid Block for Watch.



LAY IN YOUR STOCK WHILE SUPPLY LASTS.

PRICE REDUCED.

A NEW COUNTERSHAFT,

"The Manhattan"

From its slanting position, it combines every advantage possessed by all others.

Can be raised and lowered to make the tension right.

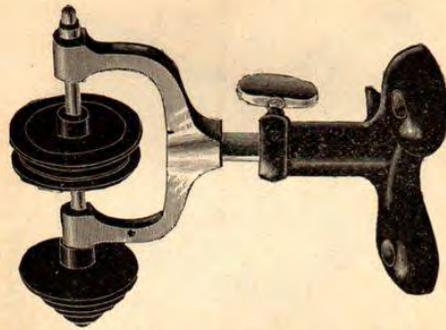
CONVENIENCE.

ADJUSTABILITY.

PRICE.

Reduced

Price, with Ebonized Pulleys, \$2.00.



A few words to those about buying a Lathe and other Outfits.

Our facilities for selling Watchmakers and other lathes are equal to that of any house in the United States.

Our Manhattan or Star No. 2 to Chuck Combination will interchange with the Webster Whitcomb Attachments, of which it is a facsimile. We have a few left at \$25.00.

Our Manhattan or Boley No. 2 interchanges with the Moseley No. 2 Lathe. We sell this 10 Chuck Combination for \$29.00.

THESE ARE SATISFACTORY LATHES IN EVERY RESPECT.

WRITE FOR PRICE LISTS, ETC. CORRESPONDENCE SOLICITED.



THE BEST ACCESSORY TO WATCHMAKERS BENCH IS A 3-4 HOPKIN'S LATHE.

Every Lathe has a written Guarantee from the Manufacturers and has The New Patent Tip over T Rest.

Price, \$44.00. Spot Cash, \$35.00. Extra Chucks, each \$1.00.

MOSELEY 1 x 2 Hard Lathe, 10 Chuck Combination. Price, \$42.00. Spot Cash, \$34.00. Extra Chucks, each, \$1.00.

WEBSTER WHITCOMB Hard Lathe, 10 Chuck Combination. Price, \$46.00. Spot Cash, \$36.80. Extra Chucks, each, \$1.00.

RIVET LATHE Steel Bed, 10 Chuck Combination. Price, \$48.00. Spot Cash, \$40.00. Extra Chucks, each, \$1.00.

For Sale

NOW AVAILABLE ONCE AGAIN "THE WATCHMAKERS STAKING TOOL" BY PERKINS & LUCCINA, \$35.00 Postpaid, send remittance to, Ronald G. Bechler, 726 Royal Glen Drive, San Jose, CA 95133-1446, (408) 926-3212

Elgin Horizontal Milling Machine, Made by the Elgin Tool Works, Chicago, Ill. Elgin was a division of Hardinge Manufacturing Company. Comes with a dividing head, indexing plates, milling vice, 5 arbors, and misc. tooling. Would be a great tool for gear cutting. 220 volt-3phase, Local pick-up only, \$1,000 or best offer, Bruce Forman, 234 Eagle Ridge Drive, Valparaiso, IN 46385, (219) 763-4748, email: forman21@netzero.net



For Sale Continued

Looking for 8 mm Derbyshire Large Collets? I have a set of 52. Odd & Even numbers : 3-50. Plus an extra #50, a 1/4 screw chuck; taper chuck, and modified taper LARGE collets, Derbyshire Large headstock & drawbar, Derbyshire LARGE faceplate, All the above \$425...Plus: An optional set-up that includes : a Perton lathe bed. TipOver T-Rest, Motor, light, foot pedal, mounted on portable workbench with drawers - \$45. Headstock fits WW lathes. Derbyshire LARGE collets have a different diameter thread pitch and use stronger drawbar than standard 8 mm collets. Postage extra. Info or pictures: Deena Mack, 644, Geise Rd., Attica, NY 14011, (585)-591-1343, email dmack18@rochester.rr.com **SORRY YOUR TO LATE - IT SOLD**

Antique Engraving Machine, with three boxes of fonts. \$500 or Best Offer
Jim Bove, 3654 Dryden RD, Fremont, Ca 94555, 510-792-7352

Wanted

Deckel, Aciera, Rivett, Schaublin, Lorch, Hardinge, Levin, lathe or mill accessories wanted. Will trade, or sell if I have duplicates. Mark Fulmer
(330) 877-2021, Markusfu@hotmail.com

Derbyshire Elect model lathe attachments- pivot polisher, screw cutting attachment, roller file rest, and screw feed tailstock - will trade - for sale: tools from the Elgin watch factory, lathes, grinders, millers, etc...some made by American Watch Tool. J. Dill, 2117 22nd St. Road, Greeley, Co. 80634, Tel: 970-353-8561.

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Up Coming Articles in the Newsletter

The Escapement Depthing Tool
Making Gear Cutters
A Visit to the David Lindow Clock and Ornamental Lathe Factory

Remember if you have something of interest please submit it to the newsletter!

YEARLY DUES

One more year has passed and it is that time to pay your dues. Some members like to pay for 2 years at a time, so they do not have to write so many checks. To see if you owe payment at this time, please look at the mailing label on the envelope the newsletter came in. If it is dated 6/2012 it is time to pay again.

68362 6/2011
Mr. Bruce Forman
234 Eagle Ridge Drive
Valparaiso, IN 46385

Example of
mailing label with
renewal date

Dues renewal Form:

Name: _____

Street Address: _____

City/State: _____

Zip: _____

Phone: _____

Email: _____

NAWCC Number: _____

Make checks payable to "Chapter 173" and mail to Dave Kern, 5 Hilltop Drive, Manhasset, NY, 11030.

1 year =\$10

2 years = \$20