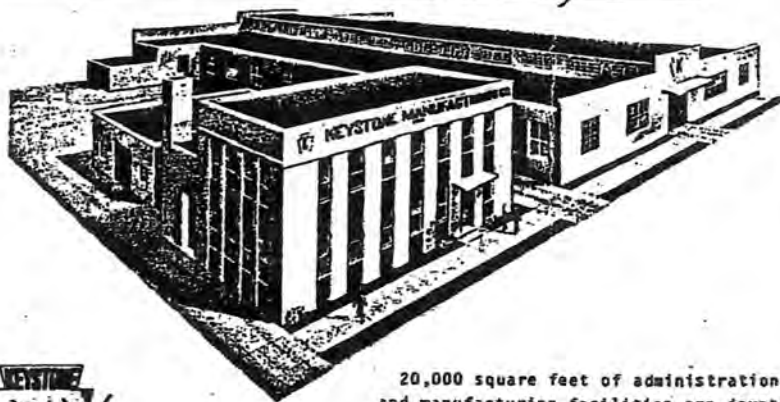


WESTCOTT WRENCH



20,000 square feet of administration and manufacturing facilities are devoted to building KEYSTONE quality tools.

KEYSTONE QUALITY-ENGINEERED TOOLS Built on a Foundation of Quality

This time Saving KEYSTONE Catalog and Price List puts hundreds of KEYSTONE Quality Tools at your fingertips. SPECIAL sizes are available as STANDARD at volume production prices. They are the result of 80 years of knowing what the customer needs.

Modern engineering, manufacturing, heat treating and inspection facilities provide quality that ASSURES SATISFACTION.

Your orders will receive personal and prompt attention.

KEYSTONE - WESTCOTT ADJUSTABLE "S" WRENCHES



This "S" design was originated by KEYSTONE.

Millions of WESTCOTT wrenches have been saving time, knuckles and tempers for shop mechanics, farmers and house-holders for 60 years, and here's why---

1. "S" shape makes them easy to use in inaccessible places--
2. They open wide for large capacity--
3. They are built rugged, and heat treated for long life--
4. They are proved by 60 years of satisfactory use--
5. Approved by Original Equipment Manufacturers who supply them with farm machinery and other heavy equipment.

CAT. NO.	SIZE	OPENS	PACKED IN BOXES OF	WEIGHT PER BOX	PRICE EACH ORDER QUAN. 1-5	PRICE EACH ORDER QUAN. 6 & OVER
76	6-in.	3/4 in.	6	2 lbs. 14 oz.	\$2.65	\$2.09
78	8-in.	1 in.	6	5 lbs. 8 oz.	2.90	2.49
80	10-in.	1-3/8 in.	6	9 lbs. 12 oz.	3.95	3.25
82	12-in.	1-5/8 in.	6	16 lbs. 8 oz.	4.95	4.49

Order by Catalog Number and Size

TERMS-Net 30 Days
F.O.B. Buffalo N.Y.
Transportation
Prepaid on Orders
Over \$50.

2

I HAVE BEEN UNABLE TO LOCATE ANY MORE DEFINITE INFORMATION THAN THE ABOVE ABOUT THE "WESTCOTT WRENCH". THIS PAGE WAS SUPPLIED BY THE BUFFALO & ERIE COUNTY HISTORICAL SOCIETY AT BUFFALO, NY. IT APPEARS THAT THIS IS FROM A 1969 KEYSTONE CATALOG AND SAYS THAT THE WRENCH "HAS BEEN SAVING TIME, KNUCKLES AND TEMPER FOR SHOP MECHANICS, FARM AND HOUSE-HOLDERS FOR 60 YEARS". THIS WOULD PLACE THE INVENTION ABOUT 1909. DOES ANYONE KNOW MORE OF THE HISTORY OF THIS WRENCH?

FROM THE DESK OF YOUR SOCIETY HISTORIAN,
BETTY W. ACKER

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National
FORD TOOL
Collectors

FEBRUARY, 2004
VOLUME 7
ISSUE NUMBER 1

FROM THE 1907
KEYSTONE CATALOG

The Original
"Westcott"
Adjustable
"S" Wrench.



Fig. No.		Price Each	Per Dozen
No. 76,	6-inch, opens to $\frac{3}{4}$ inch.	\$.60	\$7.20
" 78,	8 " " 1 " "	.75	9 00
" 80,	10 " " 1 $\frac{3}{8}$ " "	1.00	12.00
" 82,	12 " " 1 $\frac{5}{8}$ " "	1.25	15.00
" 84,	14 " " 2 " "	1.75	21.00

The "Westcott" Wrench is acknowledged to be the most convenient and most useful Wrench for general use, and can be used in many places inaccessible with the Monkey Wrench. These wrenches are made of first-class material, are strong and durable.

N B.—The genuine "Westcott" Wrenches have the name "Westcott" on the handle.

The Keystone
Manufacturing
....Company

Nos. 41 to 51 CHANDLER ST.,
Buffalo, N. Y., U. S. A.

FORDSON TRACTOR PRODUCTION BEGAN IN 1917 AND THE TOOL KIT CONTAINED THE WESTCOTT ADJUSTABLE "S" WRENCH, NUMBER 80, 10 INCH. THIS WRENCH REMAINED IN THE FORDSON PARTS CATALOGS
(cont. next page)

IN THIS ISSUE:

INDESTRO

FORDSON

KEYSTONE

WESTCOTT

BARCALO

BUY

SELL

TRADE

WESTCOTT ADJUSTABLE "S" WRENCH (cont.)

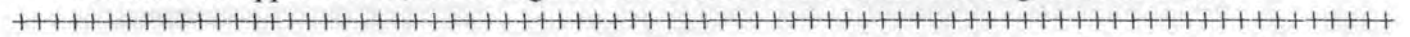
until 1951. (See Fordson tool list on back page of this issue). After 1951 the Fordson catalog listed the same number N-17021-A but just called it "Wrench, adjustable".

Westcott (named for George Westcott, the developer) had become the generic name for the adjustable "S" wrench just as "crescent" (the Crescent Tool Company) had become the generic name for the adjustable end wrench. So even though other companies supplied Fordson with adjustable "S" wrenches they were always called "Westcott" in the Fordson parts catalogs. The westcott type wrench had begun to disappear from hardware catalogs during the 1930's probably due to the increasing popularity of the slimmer and trimmer "crescent" wrench. Interesting that Fordson kept the westcott for so long. Another interesting footnote is that in the earlier Fordson catalogs it was always listed as a 9" wrench when in reality it was 10" and even said so on the Keystone versions.

Fordson tractors were produced in the U.S. from 1917 to 1928, also in Ireland from 1919 to 1922 and again in Ireland from 1929 to 1931. From 1931 on, production was entirely in England. These dates lead us to speculate on the tools supplied with those tractors. For the early Irish models, were tools shipped from the U.S. or were they supplied by overseas tool makers? We know for sure that at least one U.K. toolmaker, Snail, did make Fordson marked westcott type wrenches. When Fordson production became entirely based in the U.K. it seems reasonable to assume that spare parts and tools were also made over there. Fordson tractors were imported to the U.S. throughout their long history and were available through Ford tractor dealers. It is reasonable to assume that spare parts and tools were also imported along with the tractors.

The most readily identifying feature of the westcott wrenches is the handle. It was divided into upper and lower parts, the upper part always being solid, and the lower part being either solid, fully cut out (as in the illustration on page one), or double cut out. Several versions have been confirmed and they are listed below. If anyone has others, send in the specifications so we can expand the list.

1. Lower handle solid. Markings all in capital letters with lettering being raised.
On one side of handle : FORDSON THE KEYSTONE MFG CO
On other side : 10 INCH NO 80 BUFFALO NY USA
2. Lower handle double cut out. Markings all in capital letters with lettering being raised.
On upper side of handle : FORDSON Nothing on other side of handle.
3. Lower handle solid. Markings in upper and lower case, with lettering being lowered (stamped).
No lettering on handle.
"Fordson" stamped above thumbscrew on one side of wrench.
Small Ford script stamped to right of thumbscrew on both sides of wrench.
4. Lower handle solid. Markings in upper and lower case, with lettering being raised.
"Fordson" on upper handle, "H" on lower handle same side. Nothing on other side.
5. Lower handle solid. Markings in upper and lower case, with lettering being raised.
"Fordson" on upper handle, Snail Logo on lower handle same side. Nothing on other side.



BARCALO (1934)
MANUFACTURING COMPANY
BUFFALO, N. Y., U. S. A.

FORD UTILITY WRENCH

Drop-forged and hardened. Finished in Cadmium plate.

Catalog No.	Description	Std. Pkg.	Wt. Lbs.
4900	Designed to fit 15 parts on Models "A", "B" and V8 Ford cars and trucks. Fits spark plugs, brakes, transmission oil drain, etc.....	12	9

Bob Fulton
702 Sobrato Dr.
Campbell, CA 95008-4622

May 3, 1999

Betty W. Acker
Historian

Dear Betty,

The article about the Westcott wrench struck home.

Sorry to dispute the Keystone Co. as to the origin of the design but-----

This wrench was designed and patented by my grand mother's brother, Bey Westcott. I have in my possession one of the handmade originals by Bey made in his blacksmith shop in Soledad Calif. This is probably a copy or reproduction of the model made for the purpose of obtaining a patent.

I cannot provide documentation for any of the above as this was what was told to me by my father. I think the tool speaks for itself. It is obvious it is no manufacturers production model and shows many signs of being handmade.

The story is that Bey gave some of these handmade wrenches to various relatives including my father. I think the time when this occurred was between 1904 and 1908. There is a hand stamped date on the side of my wrench that reads [PAT. APPLIED FOR 02] The date is iffy as it is almost illegible except for the 2.

Bey may have sold or leased the patent to the Keystone Co. but I have no knowledge of this.

This tool has seen hard usage in the hands of my father and myself for all these years and is still o'k. This wrench was a big help to me when I was putting together my first car, a 1921 Ford model T. This was in 1930 when I was just 15 years old.

I have enclosed a couple of pictures of my wrench in , hopes that they may be of use to you.

Bob Fulton

This Patent Image Provided By USPTO

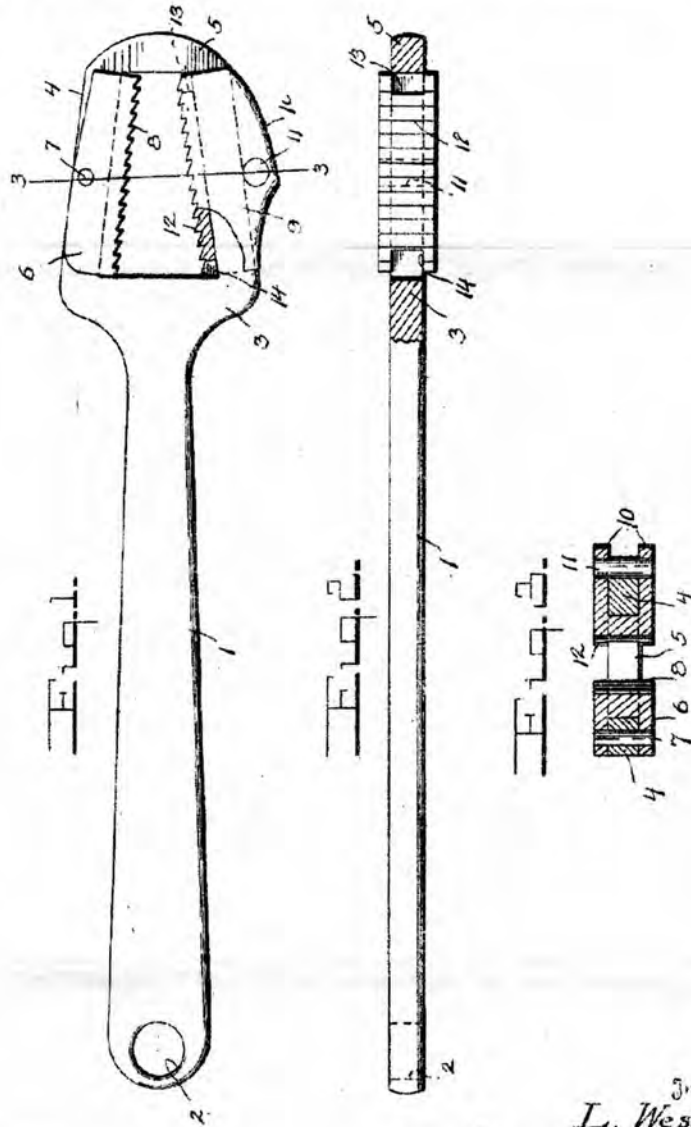
L. WESTCOTT.

WRENCH.

APPLICATION FILED NOV. 9, 1915.

1,193,326.

Patented Aug. 1, 1916.



Inventor
L. Westcott

Witnesses
M. Jones
James J. Bonagay

A. H. Andrews, Jr.
Attorney

U.S. PATENT OFFICE, PHOTODUPLICATION SERVICE, WASHINGTON, D.C.

LESTER WESTCOTT
THERESA, NY

This Patent Image Provided By USPTO

UNITED STATES PATENT OFFICE.

LESTER WESTCOTT, OF THERESA, NEW YORK.

WRENCH.

1,193,326.

Specification of Letters Patent. Patented Aug. 1, 1916.

Application filed November 9, 1915. Serial No. 60,527.

To all whom it may concern:

Be it known that I, LESTER WESTCOTT, a citizen of the United States, residing at Theresa, in the county of Jefferson and State of New York, have invented certain new and useful Improvements in Wrenches, and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The object of this invention is to provide a novel type of wrench, for removing or replacing horseshoe calks, that will be of simple construction, cheap to manufacture, will be durable, and of such construction that it will accommodate any size or shape of shoe calk, and can be conveniently associated with the calk.

Other objects will appear and be better understood in that embodiment of my invention of which the following is a specification, reference being had to the accompanying drawings forming a part thereof in which:—

Figure 1 is a side elevation of the wrench. Fig. 2 is an edge elevation thereof showing the wrench end in section so as to disclose the operating base of one of the jaws. Fig. 3 is a transverse section taken on the line 3—3 of Fig. 1.

Referring to the drawings in detail, the numeral 1 designates the shank of the wrench, formed preferably of soft steel or iron, and has its lower end provided with an opening 2, and its upper end provided with a frame 3. The frame 3 includes the upwardly converging side bars 4—4, and the upper connecting bar 5 which connects the upper ends of the converging bars 4—4, as shown in Fig. 1 of the drawing. Associated with one of the sides 4 of the frame 3, is a stationary jaw 6. This stationary jaw is substantially U-shaped in cross section, and has its sides lying on opposite sides of the adjacent sides 4 of the frame, and secured thereto by means of the pin 7 which extends through the sides of the jaw 6 and through the adjacent sides 4 of the frame. The outer surface of the biting portion of the U-shaped

jaw 6 is provided with a series of upwardly extending teeth 8.

The opposite sides 4 of the frame 3, have slidably associated therewith a movable jaw 9. This movable jaw 9 is substantially U-shaped in cross section and has its sides lying on opposite sides of the said adjacent sides 4 of the frame 3, and the outer ends of the sides of the jaw extend a distance beyond the sides 4 of the frame, as shown at 10, and a pin 11 extends through aligned openings in the extended portions 10 of the sides of the jaw 9, and holds the jaw attached to the adjacent sides 4 of the frame. The biting portion of the U-shaped jaw 9 is disposed inwardly of the frame and is provided with a series of downwardly projecting teeth 12. The sides of the jaw 9 are of greater length than the biting portions of the jaw 9, so as to provide the upper recess 13 and the lower recess 14.

The jaws 6 and 9 are formed preferably of hard steel so as to admit of the same withstanding considerable strain.

In use, when it is desired to tighten a calk in a horseshoe, the wrench is so positioned that the movable jaw thereon will be on the right side of the wrench. The movable jaw 9 is then moved in the direction of the shank 1, and the jaws 6 and 9 positioned on opposite sides of the calk and the jaw 9 then moved forward so as to effect the gripping action between the calk and jaws 6 and 9, so that when the wrench is turned in the proper direction the calk will be tightened in the shoe. When removing the calk from the shoe the wrench is turned so as to cause the movable jaw to be on the left side of the wrench and the calk then gripped between the jaws so that the same can be removed when the wrench is turned in the proper direction.

Having thus described my invention what I claim as new is:—

A wrench of the class described comprising a shank, a frame carried by one end of the shank and including a pair of side bars and an outer connecting end bar, a stationary jaw carried by one side of the frame and having a gripping surface disposed inwardly

This Patent Image Provided By USPTO

2

1,193,326

of the frame, a movable jaw associated with the other side bar of the frame and being substantially U-shaped in cross section and having a gripping surface disposed inwardly of the frame, the sides of the movable jaw being arranged, respectively, on the opposite sides of the adjacent side bar of the frame and extending therebeyond, and a pin extending through the sides of the U-shaped jaw and slidably engaging the outer edge of the adjacent side bar of the frame.

In testimony whereof I affix my signature in presence of two witnesses.

LESTER WESTCOTT.

Witnesses:
CHAS G. LEHR,
FRED CHEESMAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."

BEMIS & CALL HARDWARE & TOOL CO.

Maker of a wide variety of hand tools, including the Solomon Merrick patent (August 17, 1835) wrench previously made by S.C. BEMIS & CO., Brigg's Patent (April 26, 1859) monkey wrenches (Schulz #834) and Bartholomew and Merrick's patent (January 2, 1849) adjustable wrenches (Schulz #833). Later introductions included pipe wrenches patented August 28, 1866, by Amos Call, and combination pipe and nut wrenches patented December 2, 1873, and July 18, 1893, by William C. Bemis.

In 1894, the company introduced an adjustable S wrench. An improved version, with pipe jaws, was introduced in 1898 and a double ended version in 1909. A Crescent type wrench was offered in 1912, with a "motor" model following in 1915.

In 1928, Bemis & Call acquired the rights to make and sell the line of wrenches previously made by the COES WRENCH CO. All production was moved to Springfield, MA.



Iron Age 1894

Improved Adjustable S-Wrench.



Adjustable S Pipe Wrench No. 50

Iron Age 1898



Iron Age 1904

The Bemis Pipe Wrench No. 52.



The B. & C. Double End Adjustable S Nut and Pipe Wrench No. 51

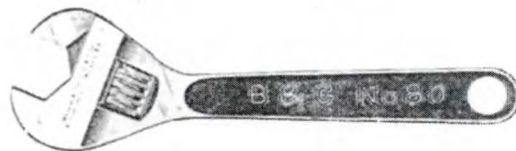
Iron Age 1909



The Steel Handle

of this Bemis & Call Nut Wrench renders it impervious to the attacks of steam, mud and water, and gives it a longer life of higher efficiency than any wood-handled wrench. Its grip is perfect. Ask for the "Wrench Book."

Bemis & Call Hardware and Tool Co.,
Springfield, Massachusetts, U.S.A.



Bemis and Call New Model Motor Wrench.

Motor Age 1915

American Machinist 1907

KEYSTONE MFG. CO., Buffalo, NY

Formed about 1889, probably as a reorganization of the RATCHET WRENCH CO. Used KEYCO brand name. Maker of combination a ratchet wrench and ratchet drill and the NONPAREIL combination ratchet wrench, patented November 6, 1883, and February 10, 1891, by Charles H. Myers (Schulz #153 and #154). Another style, with reversible ratchet, was introduced in 1894. (continued next page)

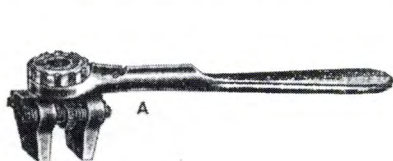


Fig. 1.—Nonpareil Ratchet Wrench.

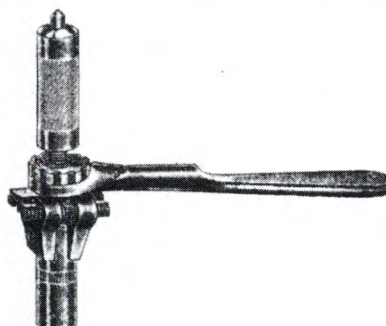


Fig. 6.—Drill Socket and Feed Nut Combined.

Iron Age 1893

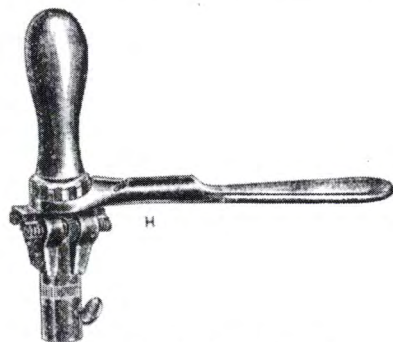


Fig. 5.—Bit Socket and Handle Combined.



Fig. 7.—Round Jaw Nonpareil Ratchet Wrench.

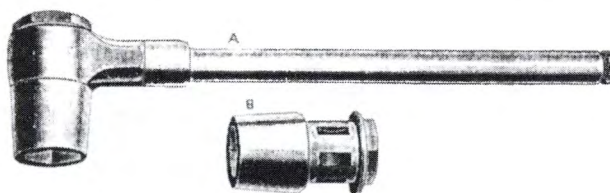
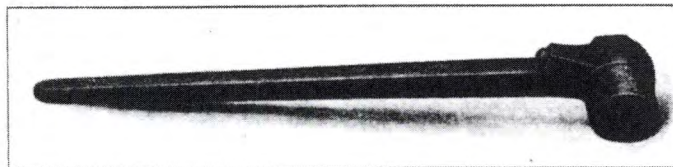


Fig. 1.—Socket Wrench with Reversible Ratchet.

Iron Age 1894.



American Machinist 1907

Still another style ratchet wrench was patented September 24, 1907, and October 29, 1907, by Myers. This wrench, named the GIANT, was introduced in 1907 in a 24" length only. The company's 1901 catalog listed WESTCOTT S wrenches, ratchet wrenches and drills. Its 1908 catalog listed ratchet wrenches, socket wrenches, tap wrenches, and WESTCOTT S wrenches.

Adjustable "S" Wrench
ORIGINAL "WESTCOTT." ALL FORGED STEEL.



Fig. 534.

Polished all over except web.

Nos.	406	408	410
Size, inches	6	8	10
Capacity, inches	$\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{1}{2}$
Each	\$0.65	.80	1.00
Per Dozen	7.80	9.60	12.00

WESTCOTT ADJUSTABLE S PIPE WRENCHES



Fig. 36517D

Handle malleable iron, jaw forged tool steel.

No.	Size Inches	Takes Pipe Inches	Weight per Box	Price per Doz.
76P	6	$\frac{1}{4}$ to $\frac{3}{8}$	3 lbs. 1 oz.	8.00
78P	8	$\frac{1}{2}$ " $\frac{3}{4}$	5 " 12 "	10.00
80P	10	$\frac{1}{2}$ " 1 "	10 " 5 "	12.00
82P	12	$\frac{1}{2}$ " $1\frac{1}{4}$	17 " 4 "	18.00
84P	14	$\frac{1}{2}$ " $1\frac{1}{2}$	26 " 8 "	24.00

**WESTCOTT, WRENCH CO.,
Homer, NY, later Buffalo, NY**

Formed in 1842 as successor to the CORTLAND FORGING CO. Maker of screw-adjusting, S handle nut wrenches. The wrenches were later made by the KEYSTONE MFG. CO.

(Note: Date should be 1892, dws)

WESTCOTT ADJUSTABLE "S."



DROP FORGED STEEL, JAPANNED, POLISHED JAWS AND EDGES.

February 18, 1892

THE IRON AGE.

though much depends on the weather in summer they anticipate marketing a larger amount of goods than ever before.

Barbee Wire and Iron Works, Chicago, have during the past three months added about 30,000 square feet of manufacturing surface to their plant located at La Fayette, Ind. This has been rendered necessary by the gradual increase in their business. They advise us that their sales during 1891 were 33½ per cent. larger than those of the previous year, and are looking for a good trade during 1892.

Enterprise Mfg. Company, Akron, Ohio, allude to their business during 1891 as 25 per cent. greater than that of the previous year, despite the fact that their factory was almost completely destroyed by fire during the spring. It was, however, rebuilt in 60 days with a largely increased capacity. The company are now employing about 125 hands, and report an excellent outlook for business during the coming season.

blade of this axe can be tempered clear to the eye with the same temper, because it is the same thickness.

We are advised that a wire nail plant is about to be established at Everett, which is near Seattle, Wash. The Oregon Improvement Company have also contracted to give a block of land at Port Townsend to another wire nail concern, so that there will before long be a considerable production of wire nails on the Pacific Coast.

The Wescott Wrench Company, successors to Cortland Wrench Company, Homer, N. Y., report that sales are constantly increasing, and that they are endeavoring in every way to add to the quality and durability of their wrenches, both plain and pipe.

The Cincinnati Tool Company, who for a number of years were located on West Second street, finding their quarters, owing to the rapid increase in the demand for their products, entirely inadequate for their purpose,

February 18, 1892, The Iron Age Journal reported that "The Wescott Wrench Company, successor to Cortland Wrench Company, Homer, N. Y., report that sales are constantly increasing, and that they are endeavoring in every way to add the quality and durability of their wrenches, both plains and pipe."

Keystone Manufacturing copyright of **WESTCOTT** as brand name for adjustable S-handle wrench, 1907. Images from GarageJournal.com

TRADE-MARK.

No. 62,642.

REGISTERED MAY 21, 1907.

THE KEYSTONE MFG. CO.
PIPE AND NUT WRENCHES.
APPLICATION FILED FEB. 23, 1907.

WESTCOTT

We Witness:
Wm. H. H. H.
U. H. H.

Proprietor
The Keystone Mfg. Co.
by Geyer & Papp
Attorneys.

THE HOBBS PATENT CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

THE KEYSTONE MFG. CO., OF BUFFALO, NEW YORK.

TRADE-MARK FOR PIPE AND NUT WRENCHES.

No. 62,642.

Statement and Declaration.

Registered May 21, 1907.

Application filed February 23, 1907. Serial No. 25,537.

STATEMENT.

To all whom it may concern:

Be it known that THE KEYSTONE MFG. CO., a corporation duly organized under the laws of the State of New York, and located in the city of Buffalo, county of Erie, in said State, and doing business at Nos. 41-51 Chandler street, in the city of Buffalo, in said State, has adopted for its use the trade-mark shown in the accompanying drawing, for pipe and nut wrenches, in Class No. 23, Hand-tools not otherwise classified.

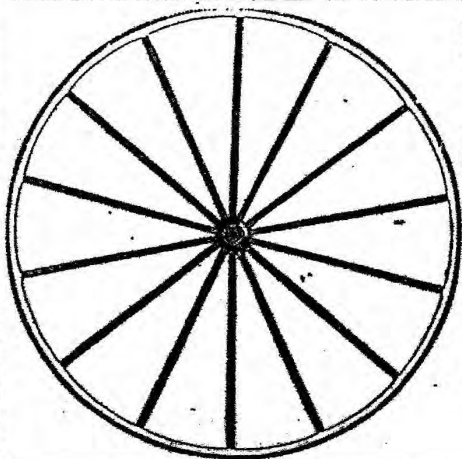
The trade-mark has been continuously used in the business of said corporation and in the business of its predecessor George N. Westcott, since March 1, 1894.

The trade-mark is applied or affixed to the goods, or to the packages containing the same, by placing thereon a printed label on which the trade-mark is shown.

THE KEYSTONE MFG. CO.
CHAS. A. HAIST.

President.

**BOOKS, STATIONERY, AND FANCY GOODS,
AT HOWES' COLLEGE STORE,
No. 275 MAIN STREET.**



B. I. PEABODY,
Manufacturer of and Dealer in
Carriage Wheels,

Hubs, Spokes, Rims, Seats,
Bows, Planks, &c.

**SALESROOMS,
79 Kilby Street, Boston.
Manufactory at Worcester, Mass.**

HOOD & PERKINS,

Successors to L. White, Manufacturers of their

PATENT ADJUSTABLE S WRENCH.

IMPROVED

SPLITTING

Rubber Roll

Card Shaving

SCARFING

Machines.

Machines.



Knife and Shear Grinding in all its Branches.

Knives of all kinds constantly on hand and for Sale Low.

LIGHT MACHINE JOBBING DONE TO ORDER.

MERRIFIELD'S BUILDINGS,

CYPRESS STREET,

WORCESTER, MASS.

MORSE'S CLOCK SHOP

IS THE PLACE

**TO HAVE YOUR CLOCKS CLEANED,
Repaired, and put in order, as they should be.**

CASES CLEANED AND VARNISHED, IF WANTED.

Also, Toy, Toilet and Fancy Articles Repaired. Bring every thing that needs mending with glue, solder, rivet or screw. Clocks taken and returned, when wished.

Remember, Morse's Clock Shop,

One Door South of Leland's Music Store,

205 & 4 MAIN STREET.

