

## HOW HE WAS CONVINCED.

Discussion Between a Tradesman Interested in Sewing Machines and a Practical Machinist, at the Industrial Exhibition, Toronto, 1882.

*Tradesman.*—The Wheeler and Wilson Machines are a good practical display here.

*Machinist.*—Yes, their machines are got up for sale, not merely to sell, and they make a specialty of doing practical work to show that they are the machine for the working people.

*T.*—What is the difference between the Wheeler & Wilson and other machines?

*M.*—The Wheeler & Wilson are made on a different principle, having a rotary hook and bobbin instead of vibrating shuttle, rotary motion in contrast to the stopping and starting motion in shuttle machines.

*T.*—Illustrate what you mean by rotary motion.

*M.*—Well, a jig saw has the vibrating motion—a regular saw the rotary motion—you know which is the most powerful and capable of the highest rate of speed. Manufacturers using any kind of machinery select those having rotary motion, hence the *Wells, Hall, and New* are all printed on rotary presses which give 35,000 impressions an hour.

*T.*—How fast may the Wheeler & Wilson machines run?

*M.*—All the Wheeler and Wilson machines have two speeds; the slow speed on No. 8 is faster than the fastest shuttle machine I know of, and by foot power makes from 500 to 600 stitches per minute.

*T.*—You say by foot power. Are sewing machines given any other way?

*M.*—Yes, by steam power. Several factories in Toronto using Wheeler & Wilson machines, have them speeded at 1,500 stitches per minute.

*T.*—That is a great speed indeed; how fast may shuttle machines be run?

*M.*—By foot power at from 250 to 350 stitches per minute, and by steam from 400 to 600.

*T.*—Why should Wheeler & Wilson machines make a more perfect stitch than other machines?

*M.*—1st. Because they have an automatic under tension and an independent take-up, the latter of which draws up the thread while the needle is out of work, the same as a lady sewing by hand, and by this means, a finer needle and coarser thread can be used, than is possible on other machines.

*T.*—What are the wearing parts of shuttle machines?

*M.*—The shuttle, the heart motion which drives the needle bar, and the needle bar itself, and cog wheels in cog wheel machines such as the Singer.

*T.*—How long will a shuttle last when driven at an ordinary rate of speed in factories, where they are working continuously ten hours a day?

*M.*—About three months.

*T.*—How long will the bobbin?

*M.*—The bobbin is not a wearing part, turning as it does on its centre.

*T.*—You say the heart motion is the next wearing part on shuttle machines, how is it?

*M.*—The very construction of it, steel working against cast iron, makes it liable to wear.

*T.*—Has the Wheeler & Wilson any parts corresponding to the heart motion?

*M.*—No.

*T.*—Why does the needle bar in shuttle machines wear out faster than the needle bar in Wheeler & Wilson machines?

*M.*—1st. Because of its shape, it being either flat, triangular or square, exposing a greater wearing surface. The Wheeler & Wilson has a round needle bar, which, being packed in felt like the piston of a steam engine, has little friction and does not wear out. The packing in felt has another advantage: it prevents the oil from running down and soiling the work, which is a vital matter with makers of shirts, collars, cuffs and ladies' underwear.

*T.*—When machines are hurried do they do the same quality of work as when run slow?

*M.*—Shuttle machines when hurried break needles and make a very uneven stitch. On the contrary, the Wheeler & Wilson, from its peculiar construction, cannot vary doing as fine work at the highest rate of speed as at the lowest.

*T.*—How does the work done on shuttle machines compare with that done on the Wheeler & Wilson?

*M.*—There is little comparison, either in quality or quantity, and as a result, shuttle machines are not used in factories, or where quality or quantity are considered an object.

*T.*—Who use the Wheeler & Wilson machines?

*M.*—Wheeler & Wilson machines are used in preference to all others by manufacturers of all kinds of stitched goods, and in Toronto by the following well-known firms.

Cooper & Smith, boots and shoes.

J. D. King & Co., "

W. B. Hamilton, "

Charlesworth & Co., "

Weston & Sons, "

Turner & Valiant, "

Dickie & Mitchell, "

Crompton Corset Co., corsets.

Teller & Harold Mfg Co., corsets.

A. Friendly & Co., shirts and overalls.

R. H. Gray & Co., "

W. H. Bullen, overalls.

W. A. Murray & Co., dressmaking and mantles.

R. Walker & Sons, "

Gale Mfg Co., shirts and underclothing.

Williams, Greene & Rome, collars and cuffs.

Page & Page, underclothing.

W. Rosenthal.

J. J. Cooper, shirts.

J. M. Treble, shirts.

PETLEY & PETLEY.

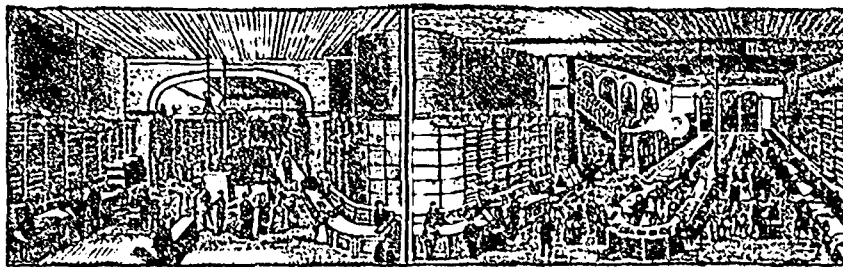
Besides a number of others. These names will give an idea how generally they are used.

*T.*—This is certainly emphatic evidence of the great superiority of the Wheeler & Wilson over all other machines, and it is easy to understand the decision of judges at the World's Fair and in our own local fairs, in giving them the highest awards. I perceive there is a very great difference in sewing machines, and am convinced that the Wheeler & Wilson machines are the BEST IN THE WORLD.

# INTERIOR VIEW

of the first floor of

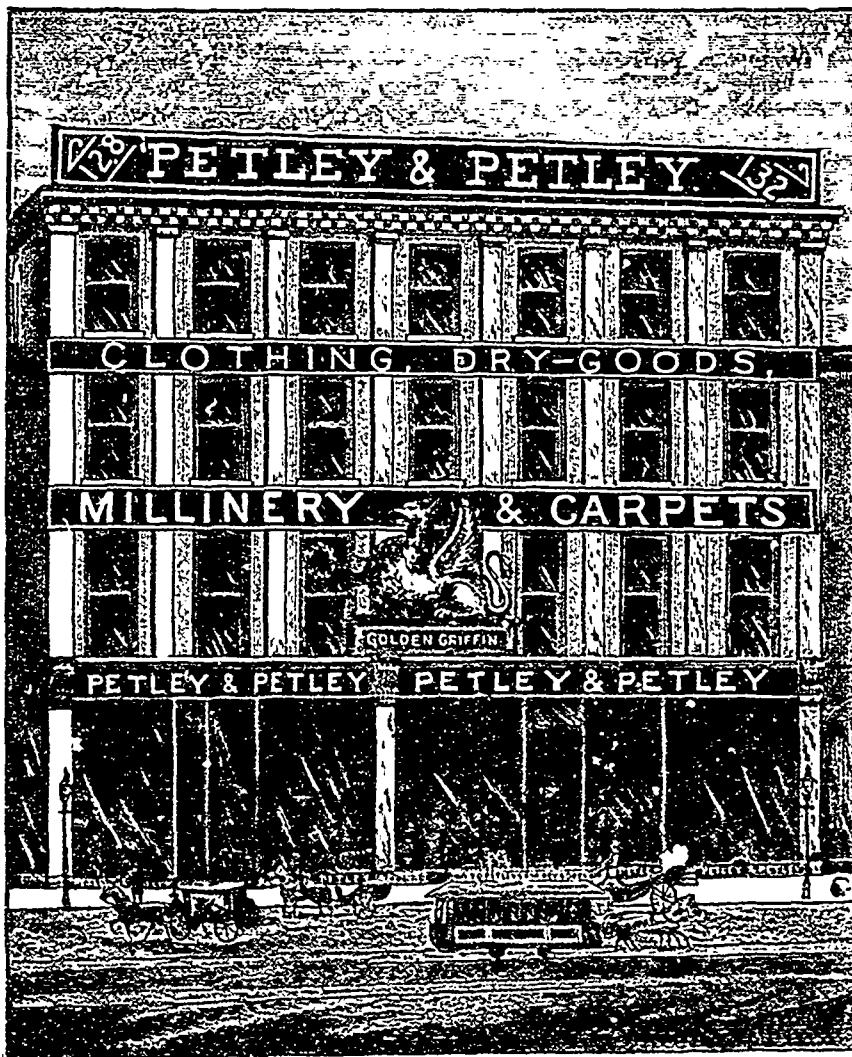
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