Sewing Machine



GARDNER SEWING MACHINE COMPANY Nos. 61, 63, 65, 67, 69, 71 and 73, James St., HAMILTON, ONT.

F. A. GARDNER, Mechanical Supt. F. M. WILLSON, Sec.-Treas. Geo. Lee, Business

THE CARDNER PATENT SEWING MACHINE

READ THE FOLLOWING DESCRIPTION.

In design, the machine resembles the Family Singer; but the principle of the working parts is entirely different, having no gear, and being as nearly noiseless as it is possible to make a Sewing Machine.

The UPPER tension is on the face-plate. The discs between which the thread passes are attached by a stud to the tension spring, which is flat and placed on the inside of the face-plate, its upper end secured to the arm, and is regulatively between the control of the secured to the arm, and is regulatively between the control of the secured to the arm, and is regulatively between the secured to the arm, and is required to the arm and the secured to the arm, and is required to the arm are secured to ed by a thumbscrew in the face-plate.

The SHUTTLE MOVEMENT is obtained from the shuttle-cam on the shaft, which is designated as a "ball cam," working between the prongs of a fork which is pinned to the shaft of the shuttle-arm. This shaft is also made of steel, and securely fastened to the shuttle arm, which in a basket at the end carries the shuttle along the face of the shuttle-race, describing a radial movement which is conceded by all to be the best movement to prevent skipping stitches, the centrifugal force always keeping the shuttle firm to the face of the lace.

The FEED derives its motion from the "feed eam" placed on the same shaft, the motion being transmitted through the eccentric rod and feed lever under the machine to the feed, which is made of steel, having a bearing its whole length, thereby preventing any twisting move-ment. To the end of the feed lever is attached a screw, which serves to give any required lift to the feed that may be necessary for light or heavy goods. The feed spring is also attached to the bed; it is flat, made of steel, and very

The DURABILITY OF THE MACHINE cannot be questioned; the movements being all hardened questioned; the movements being all hardened, are not likely to get out of repair. The whole of the works are enclosed in the arm, which is finely secured to the bed-plate, and set upon a walnut top or enclosed in half or full cabinet case, as may be ordered.

It will be observed that there is no gear of any kind, and that all the motions are derived from the same shaft,—all the usual complicated shuttle and feed movements being avoided.

The TREADLE is adjustable, working upon "centres" in brackets which are fastened to the treadle-bar, giving a light easy motion without any noise or looseness, and can be adjusted to give any required "dip" to either toe or heel of the treadle, besides taking up the wear or loose

motion.

The Wheel Bearing. The wheel runs upon a tapered stud or bearing fastened to the side of the stand by a nut with the bearing end turned to a centre; the wheel is bored tapering to fit the stud; upon the front side of the wheel a steel plate is fastened by two screws, which bear against the centre of the stud; the plate is adjustable, and screws to draw the wheel upon the tapered stud, taking up the wear and yet running easy.

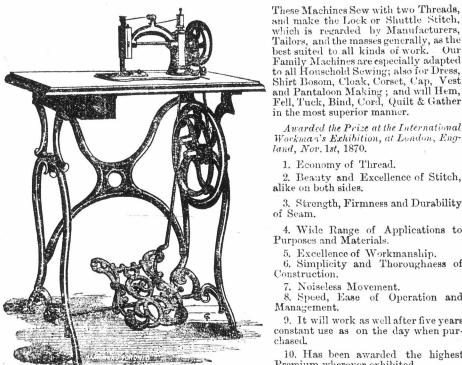
The GARDNER PATENT is fitted with all the latest and most improved attachments, comprising the following, which are furnished without extra charge:-

One silver-plated Sewing Guage, with thumbscrew. One silver-plated Corder. One silver-plated Tucker. One silver-plated Friller. One silver-plated Hemmer, which will hem to any width. One Quilting Guage. One Braider. One Screw Driver. One Oll Can. One Bottle Oil. One Spool Thread. Seven Cloth or Leather Needles. Six Bobbins. Extra Spring for leather work. Printed Directions.

Address, GARDNER SEWING MACHINE CO.. HAMILTON, ORT. 71-6-6m

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For Family Use and Manufacturing Purposes.



Gates' Family (Singer) Machine, \$35. Gates' Hand Shuttle Machine, \$25.

Send for Circulars. Agents Wanted.

Gates' Hand Elliptic Machine, \$15.

THE OSBORN

LOCK STITCH

Sewing Machine

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ANDREW CHISHOLM & Co.

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3. Strength, Firmness and Durability

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8. Speed, Ease of Operation and

9. It will work as well after five years

10. Has been awarded the highest

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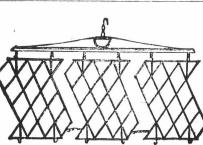
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Management.

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Has now been tested beyond all questien, and the verdict of the public is that to-day it stands without a rival. It is the most substantially built, has the fewest working parts, and is beautiful in design and finish. Has the best design of a shuttle, and by far the largest bobbins. It is capable of performing a range of work hitherto thought in possible for Sewing Machines, is sold at about one-half the price of other Machines doing the like work, and is equally at home on leather as on fine goods. A perfect machine guaranteed or no sale. It is the best made, simplest, more durable and reliable than any other single thread Machine. Larger and works with greater ease. Will do all kinds of domestic Sewing in a perfectly satisfactory manner. Has taken first prize wherever exhibited.

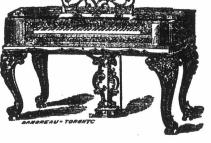
Agents wanted everywhere. Splendid Inducements. THIS Harrow is superior to all others, because it is the most complete. It covers 14 feet of land. It leaves the ground finer, works freer, and adapts itself to uneven land. It does not bend, and choke less than any other Harrow. It is so constructed as to draw either end. The teeth being so set as to tear the ground up to a good depth, or to pass lightly over the surface, as the teeth are beyeled on one side. It can be worked with a span or three horses, or it may be unjointed and worked with one or two horses, in one, two or three sections. Agents wanted everywhere. Splendid Inducements. Guelph, Canada John Morrish. Chatham, General Agent for the Lundie, Mount Brydges, Agent for West

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Price of Harrow complete, with three secions, treble-tree, and two coupling-trees, \$35. Price of two sections and one coup!ing tree, \$22. THOMAS HOWARD,

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