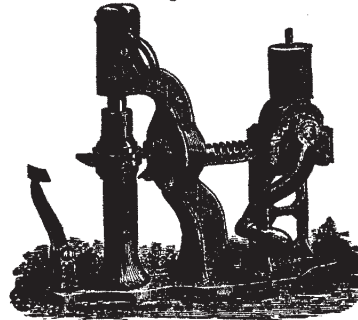


Darn'ing Ma-chine'.

A machine for darning stockings, clothing, etc.

The article or fabric to be darned is held between notched blocks, which throw it into corrugations so that the series of needles carried by a reciprocating needle-bar will pass through and through portions of the fabric.

Fig. 782.



The eye-pointed needles move in grooves in the blocks, their eyes in the same horizontal plane, and when they are passed through the fabric are all threaded by the same thread. This thread is then drawn out in loops from between each needle, and each loop is placed on a pin of a loop-holder (shown to the left) adjustable to or from the work-holding blocks to adapt the loop to the size of the hole, and on the return movement of the needle bar each needle draws a doubled loop through the fabric at each side of the hole to be darned, and leaves the thread extended across the hole. The loops of thread are then cut at the eyes of the needles and the fabric is turned on the holding blocks and clamped, so that the needles in their next movement will draw the loops then to be formed across and interweave them with the loops of thread or yarn previously laid by the needles.