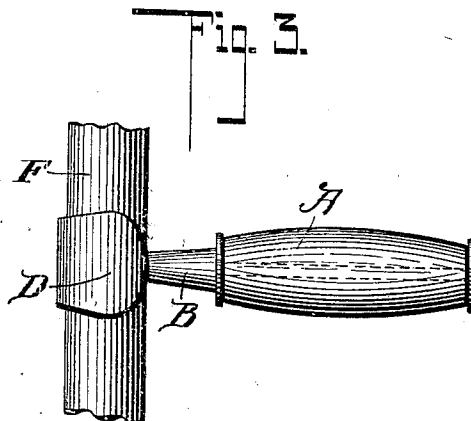
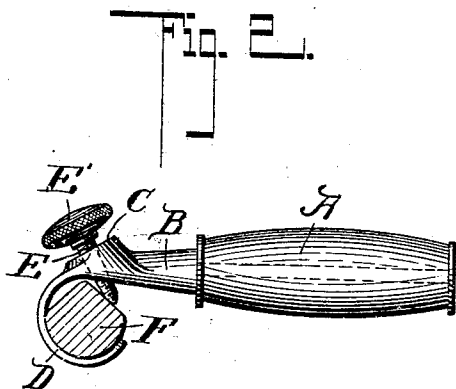
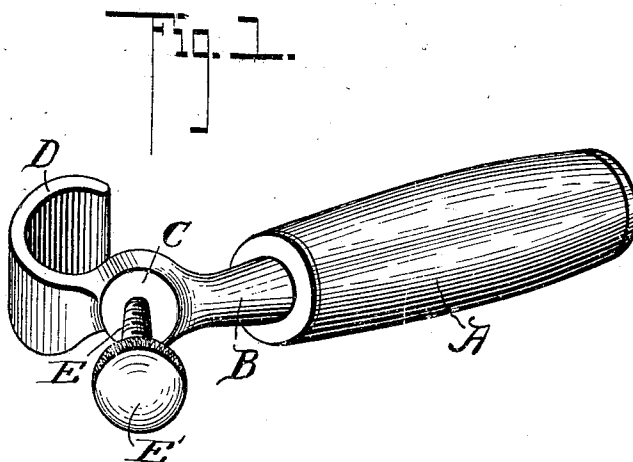


H. J. & C. B. GORTON & J. M. RICHARDS.
 DETACHABLE HANDLE FOR SEWING MACHINE WHEELS.
 APPLICATION FILED APR. 17, 1908.

923,354.

Patented June 1, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

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DETACHABLE HANDLE FOR SEWING-MACHINE WHEELS.

No. 923,354.

Specification of Letters Patent.

Patented June 1, 1909.

Application filed April 17, 1908. Serial No. 427,571.

To all whom it may concern:

Be it known that we, HORTENSE J. GORTON, CHAUNCEY B. GORTON, and JESSIE M. RICHARDS, citizens of the United States, residing at Medford, in the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Detachable Handles for Sewing-Machine Wheels, of which the following is a specification.

This invention relates generally to a handle used in connection with the fly-wheel of an ordinary sewing machine, the object of the invention being to provide a detachable handle which can be used in connection with various types of wheels and another object is to provide a detachable handle which can be connected to either the interior or exterior face of the wheel rim.

With these objects in view, our invention consists in the special features, hereinafter fully described and pointed out in the claim.

In the drawing forming a part of this specification:—Figure 1 is a perspective view of a handle constructed in accordance with our invention, and disconnected from the wheel. Fig. 2 is an elevation showing the wheel rim in section, and Fig. 3 is an elevation showing a portion of the wheel rim in elevation also.

It frequently happens that the machine cannot be worked from the treadle but can be worked from the fly-wheel and handles have been connected to this wheel for the purpose of operating a sewing machine by hand, but most of these handles have been of such a character they can only be used with a special construction of wheel, and at certain points of the wheel, and the main object of our invention is to provide a detachable handle of such construction that it can be used upon a number of different styles of wheels and can be attached to either the inner or outer portion of the wheel rim.

In carrying out our invention, we employ

a wooden handle A through which passes the shank B, the forward portion of said shank being enlarged at C and formed into a circular boss. Beyond this boss C is an integral curved finger D, the free end of which is wider than that portion thereof adjoining the boss C, and this finger is curved downwardly and rearwardly to a point beneath the boss C, as most clearly shown in Fig. 2. The boss C has a threaded opening produced therein, said opening being at an oblique angle to the longitudinal diameter of the shank B, and working through this threaded opening is a screw E provided with a milled head E'. The finger D is so shaped and arranged with reference to the shank and boss, that it can be fitted around the rim F of the wheel and then the screw E is screwed down to bind upon the edge of the rim and securely fasten the handle to the wheel, and owing to the curve of the finger and the oblique position of the screw, our handle can be fitted to varying types of wheels and furthermore, can be connected to either the interior or exterior face of the rim.

Having thus fully described our invention, what we claim as new and desire to secure by Letters Patent is:—

A detachable handle for sewing machine wheels comprising a shank having a handle portion, a curved finger carried by an end of said shank, the said finger curving back upon the shank, and a locking screw working obliquely through said shank toward and at an angle to the free end of the curved finger.

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