(No Model.)

T. BRIGGS.

TRIMMING MECHANISM FOR SEWING MACHINES.

No. 266,012. Patented Oct. 17, 1882.

Fig. 1.

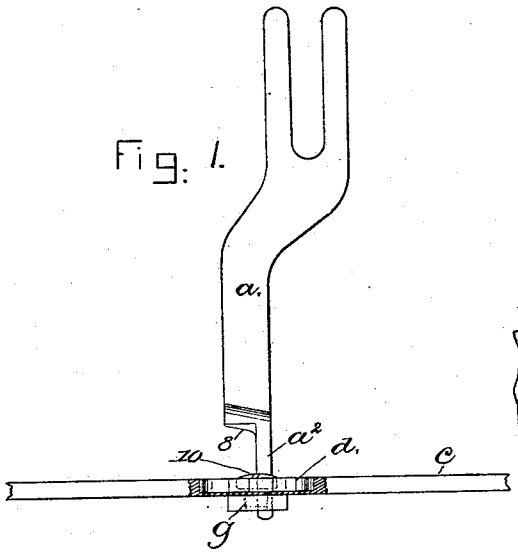


Fig. 2.

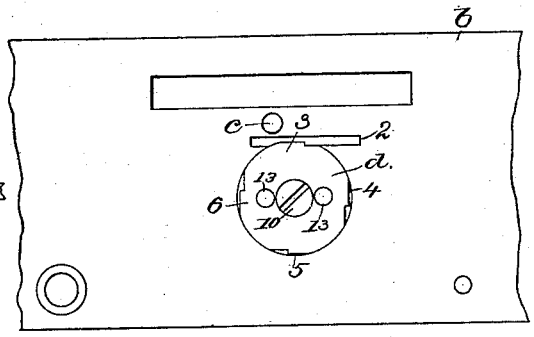


Fig. 4.

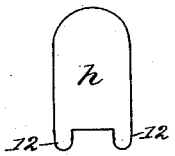
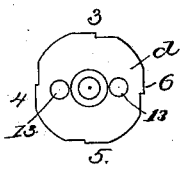


Fig. 3.



Witnesses.

W. H. Sigstow.

Bennie J. Noyes

Inventor

Thomas Briggs

by Crosby Gregory

Attys.

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

THOMAS BRIGGS, OF LYNN, MASSACHUSETTS.

TRIMMING MECHANISM FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 266,012, dated October 17, 1882.

Application filed March 6, 1882. (No model.)

To all whom it may concern:

Be it known that I, THOMAS BRIGGS, of Lynn, county of Essex, State of Massachusetts, have invented an Improvement in Trimming Mechanism for Sewing-Machines, of which the following description, in connection with the accompanying drawings, is a specification.

My invention relates to improvements in the throat-plate which co-operates with the trimming-blade; and it consists in a disk or plate provided with two or more faces adapted to be brought at the proper time into position to form part of the wall of the slot in the plate through which the trimmer descends to trim the material close to the seam being sewed, the said disk being adapted to be rotated so as to place either of its straight edges in position to form part of the trimmer-slot in the usual throat-plate.

Figure 1 represents a broken side elevation of a trimmer and throat-plate provided with one of my dual-faced disks. Fig. 2 is a top view of the throat-plate with my dual-faced disk in position. Fig. 3 shows the disk detached, and Fig. 4 a form of screw-driver by which the said disk may be readily adjusted or turned one-fourth around to bring a new face of the disk into position to form part of the trimmer-slot.

The knife, blade, or chisel *a*, of usual construction, has its guiding-end or finger a^2 extended down through the trimmer-slot 2 in the throat-plate *b*, near the usual needle-hole, *c*. The top of the throat-plate is recessed, as shown, to receive the dual-faced disk *d*, it being shaped to present two or more faces, as shown at 3 4 5 6, either of which, by the partial rotation of the said disk, may be placed in position to form one side of the trimmer-slot next to the path of the cutting-edge S of the trimmer *a*. Whenever the slot in which the trimmer descends to trim the material becomes worn a new surface may be brought into position by turning the disk *d* about its central pivot, 10, shown as a screw extended through the disk, the throat-plate, and a nut, *g*, thus bringing another of the adjacent straight edges of the disk into the slot 2.

The screw-driver employed to move the disk is shown at *h* in Fig. 4, its prongs being adapted to enter the holes 13 in the disk.

The cutter or trimmer will be reciprocated in any usual manner.

I claim—

The throat-plate having the slot 2 for the action of the trimmer, combined with the disk having two or more straight faces adapted to be brought, when desired, into position to form one side of the trimmer-slot, substantially as and for the purpose described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

THOMAS BRIGGS.

Witnesses:

JOS. P. LIVERMORE,

BERNICE J. NOYES.