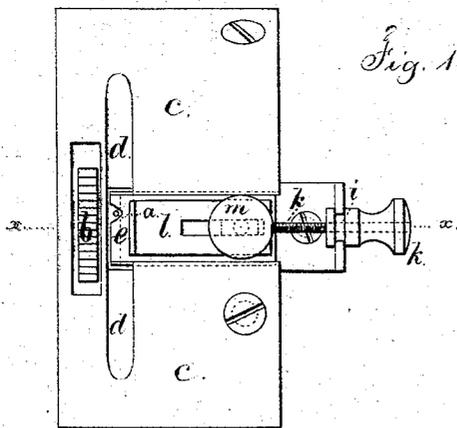
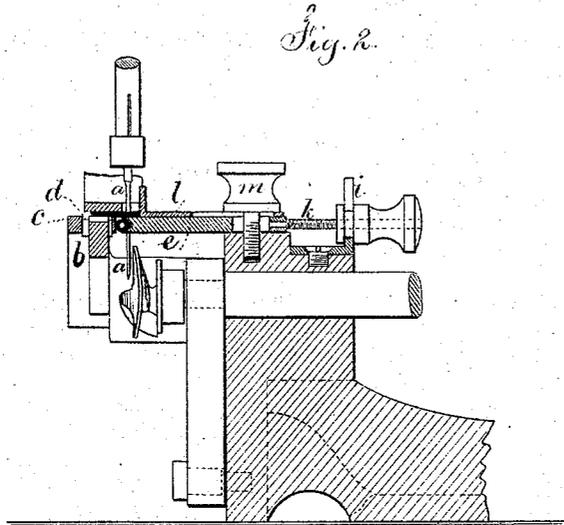


W. BAGLIN.

Guides for Sewing-Machines.

No. 154,113.

Patented Aug. 18, 1874.



Witnesses

Chas. H. Smith.  
Geo. D. Finckney.

Inventor

William Baglin.

per L. W. Serrell.

att'y.

# UNITED STATES PATENT OFFICE.

WILLIAM BAGLIN, OF BROOKLYN, NEW YORK, ASSIGNOR TO HIMSELF AND  
WILLIAM E. DOUBLEDAY, OF SAME PLACE.

## IMPROVEMENT IN GUIDES FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 154,113, dated August 18, 1874; application filed  
November 15, 1873.

To all whom it may concern:

Be it known that I, WILLIAM BAGLIN, of Brooklyn, in the county of Kings and State of New York, have invented an Improvement in Guides for Sewing-Machines, of which the following is a specification:

The object of this invention is to sew a covered wire upon a bonnet, hat, or other article.

Guides have heretofore been made having this object in view, but they have been made in the presser-foot and not adjustable.

I make use of a groove in the bed of the machine with a flat, or nearly flat, face at one side, and at the other a guide that is made with a V-shaped face, in which the wire passes, and this guide keeps the wire back away from the needle, but allows the covering to extend into the angle of the V, so as to be in the path of the needle. This guide presents the wire beneath the hat or other article, and it is adjustable to accommodate different sizes of wire. A gage is also employed to guide the edge of the hat or other article to which the wire is sewed.

In the drawing, Figure 1 is a plan of the said guide, and Fig. 2 is a section of the same at the line *x x*.

The sewing mechanism may be of any desired character and does not require description. The needle is represented at *a*, the feed at *b*, and the bed at *c*. This bed may be flat or made as a segment of a cylinder. The bed is made with a groove, *d*, sufficient for the covered wire to pass through freely and at right angles to the same, or nearly so, the guide *e* is introduced into a recess in the bed, and that end of that guide *e*, forming one side of said groove *d*, is V-shaped, the angle being horizontal, so that the fibrous covering of the wire is free to spread and extend itself into the angle of the V-guide, where the needle will be sure to pass through the same, but the inclined surfaces of the V-guide prevent the wire moving laterally, so that it cannot get into the

path of the needle. This V-guide is, by preference, adjustable, and for that purpose the screw *k* is employed, the same being kept in position, but free to be revolved in the bearing *i*. The side of the groove *d* opposite to the V-guide may be made adjustable, if desired, and by employing either or both of these adjustments the guide may be positioned to suit different sizes of wire. The gage *l* is secured by the screw *m*, and may be moved to regulate the distance between the edge of the hat or other article and the wire attached thereto. If the bed *c* is made as a segment of a cylinder, so as to suit cylindrical articles, such as hat sweats, crowns; and crown-linings, then a small flat plate may be employed upon the bed *c*, at each side of the gage *l*, to support hat-brims or other similar articles while the wire is being sewed upon the same.

This guide may be used for covered whalebone, rattan, or other material.

I do not claim a groove in the presser-foot, in which the covered wire is allowed to pass, and in which it is presented to the needle.

I claim as my invention—

1. The V-shaped guide forming one side of the groove in the sewing-machine bed, and a flat, or nearly flat, surface forming the other side of said groove, the parts being adjustable, in combination with sewing mechanism, substantially as and for the purposes specified.

2. The gage *l*, for the edge of the hat or other article, and the adjustable V-shaped guide for covered wire, applied to and combined with the sewing-machine bed in substantially the manner specified.

Signed by me this 8th day of November, A. D. 1873.

WILLIAM BAGLIN.

Witnesses:

GEO. T. PINCKNEY,  
CHAS. H. SMITH.