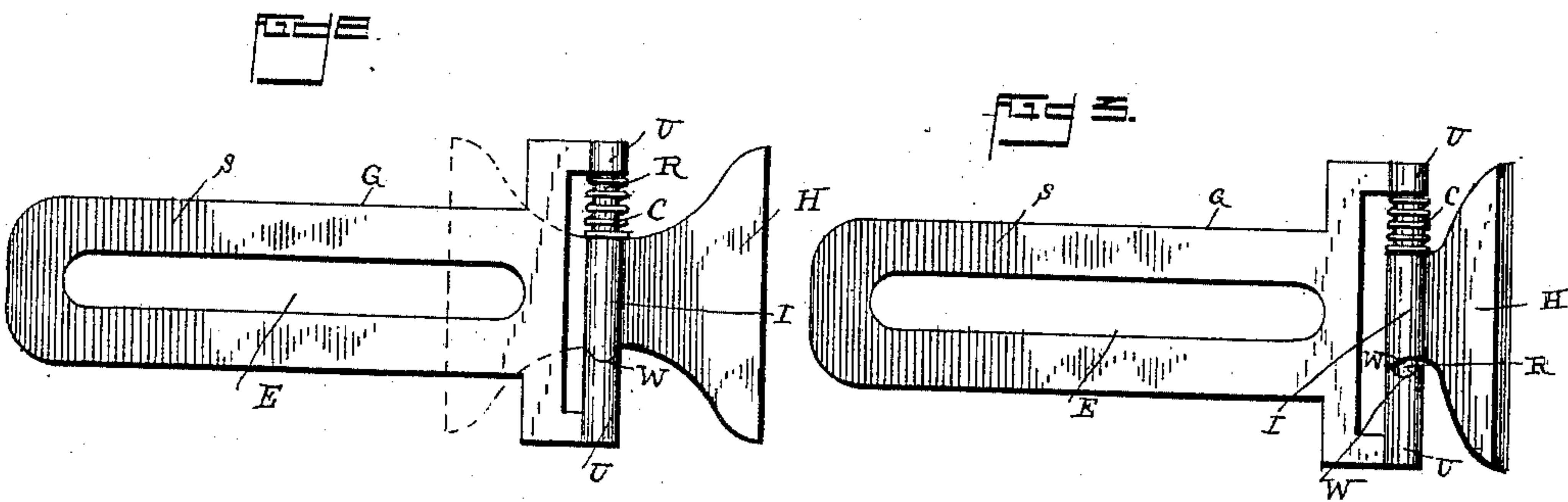
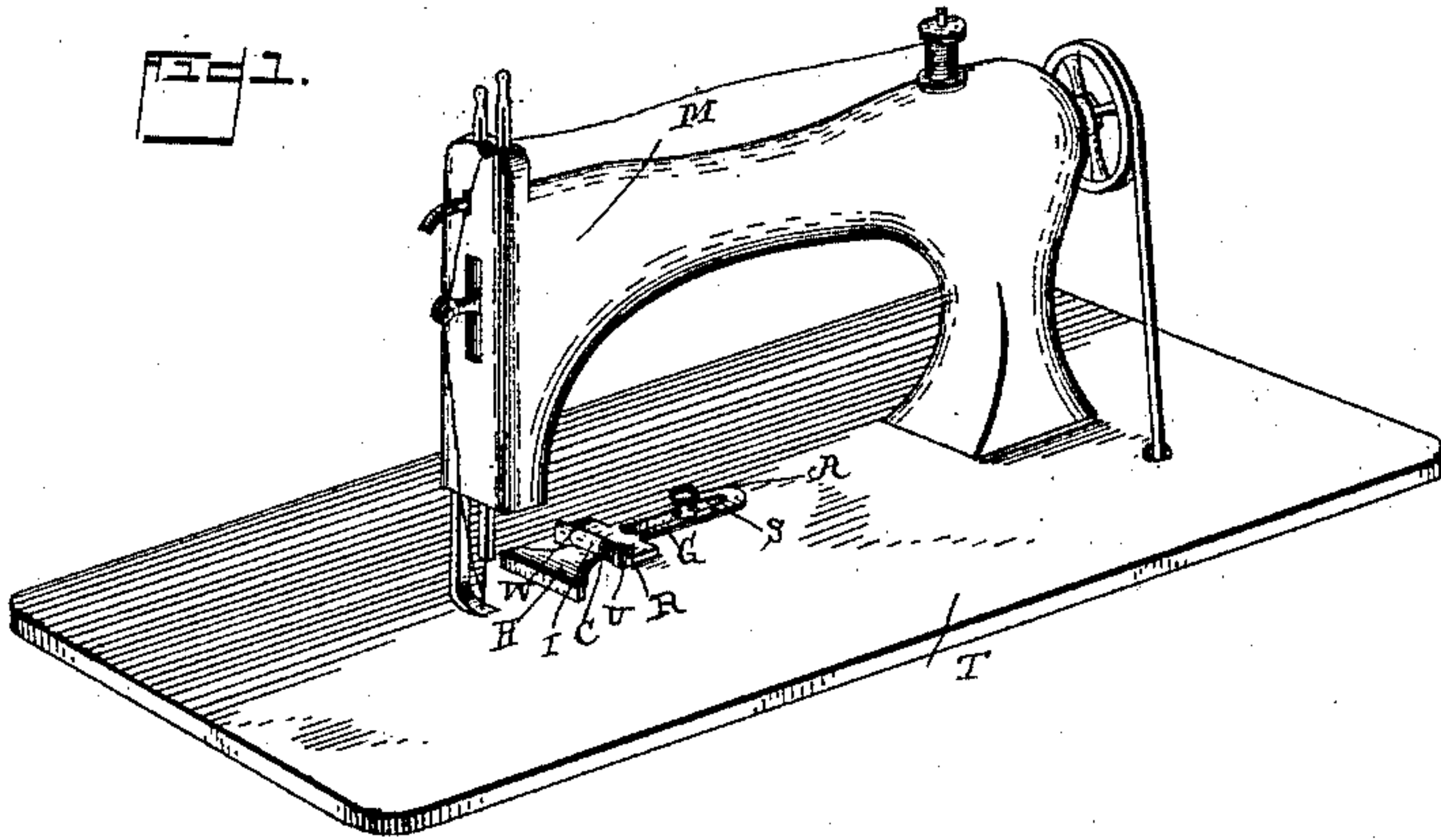


(No Model.)

B. GOLDSTEIN.
SEWING MACHINE GUIDE.

No. 465,059.

Patented Dec. 15, 1891.



Witnesses

Chas. A. Ford.

N. L. Collamer.

By his Attorneys,

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UNITED STATES PATENT OFFICE.

BERNARD GOLDSTEIN, OF BOSTON, MASSACHUSETTS.

SEWING-MACHINE GUIDE.

SPECIFICATION forming part of Letters Patent No. 465,059, dated December 15, 1891.

Application filed July 3, 1891. Serial No. 398,398. (No model.)

To all whom it may concern:

Be it known that I, BERNARD GOLDSTEIN, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Sewing-Machine Guide, of which the following is a specification.

This invention relates to sewing-machines, and more especially to the guides or gages for sewing done thereon, and the object thereof is to produce an improved guide of this character.

To this end the invention consists in a guide having a head pivoted to its body in a peculiar manner and adapted to be thrown back when desired, all as hereinafter more fully described and claimed, and as illustrated on the sheet of drawings, wherein—

Figure 1 is a perspective view of a machine-head with my invention applied to the bed-plate thereof. Fig. 2 is a plan view, on an enlarged scale, of the device alone, the head being shown forward in full lines and thrown back in dotted lines. Fig. 3 is a similar plan with the head partly raised.

Referring to the said drawings, the letter M designates a sewing-machine head, having the usual table T, whereon the work slides as it passes under the needle, and G is my guide attached thereto, all as is well known to those familiar with this class of devices. The said guide comprises a shank S, having an elongated slot E in its body, through which passes the adjusting set-screw A that takes into the table, and by loosening and resetting this screw the guide may be moved nearer to or farther from the needle, according to the width of hem desired.

Heretofore it was necessary when a square corner in the work was to be turned that the guide should be loosened and moved back, and, after the corner was passed, reset, because obviously the corner could not pass the guide in its proper position, and this movement of the guide consumed time and often resulted in variations in the widths of the hems. In the present case the head H of the

guide has an eye I at its inner end, which is pivotally mounted on a horizontal rod R whose ends are seated in the upturned ends U of the shank, as shown. The said eye is somewhat shorter than the distance between said ends, and on the rod R, at one side of the eye, is a coiled expansive spring C, while the other end of the eye and the inner face of the other end U are struck on wave-like curves W, as best seen in Fig. 3. With this construction, after the guide has been set to the proper point and a seam run, the head may be thrown back, as seen in dotted lines in Fig. 2, and at this time a corner can be readily turned, and afterward the head can be returned to operative position, as will be clear. During such movements of the head from one position to the other the wave-like faces of the eye and upturned end slide over each other and compress the spring, and the force of the latter normally holds the head in either one of its two positions the operator may desire.

The device is preferably of metal painted, japanned, or nicked, and may be made and sold at a trifling cost as an article of manufacture to be attached to machines of any character or make.

I claim as the salient features—

The herein-described sewing-machine guide, the same comprising a slotted shank having upturned ends, a rod connecting said ends, a head having a narrow eye at its rear end pivotally mounted on said rod, one end of the eye and the inner face of the adjacent end being struck on wave-like curves, and an expansive coiled spring on the rod between the eye and the other end, as and for the purpose hereinbefore set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

BERNARD GOLDSTEIN.

Witnesses:

JOHN J. IRVING,
GEO. W. FALL.