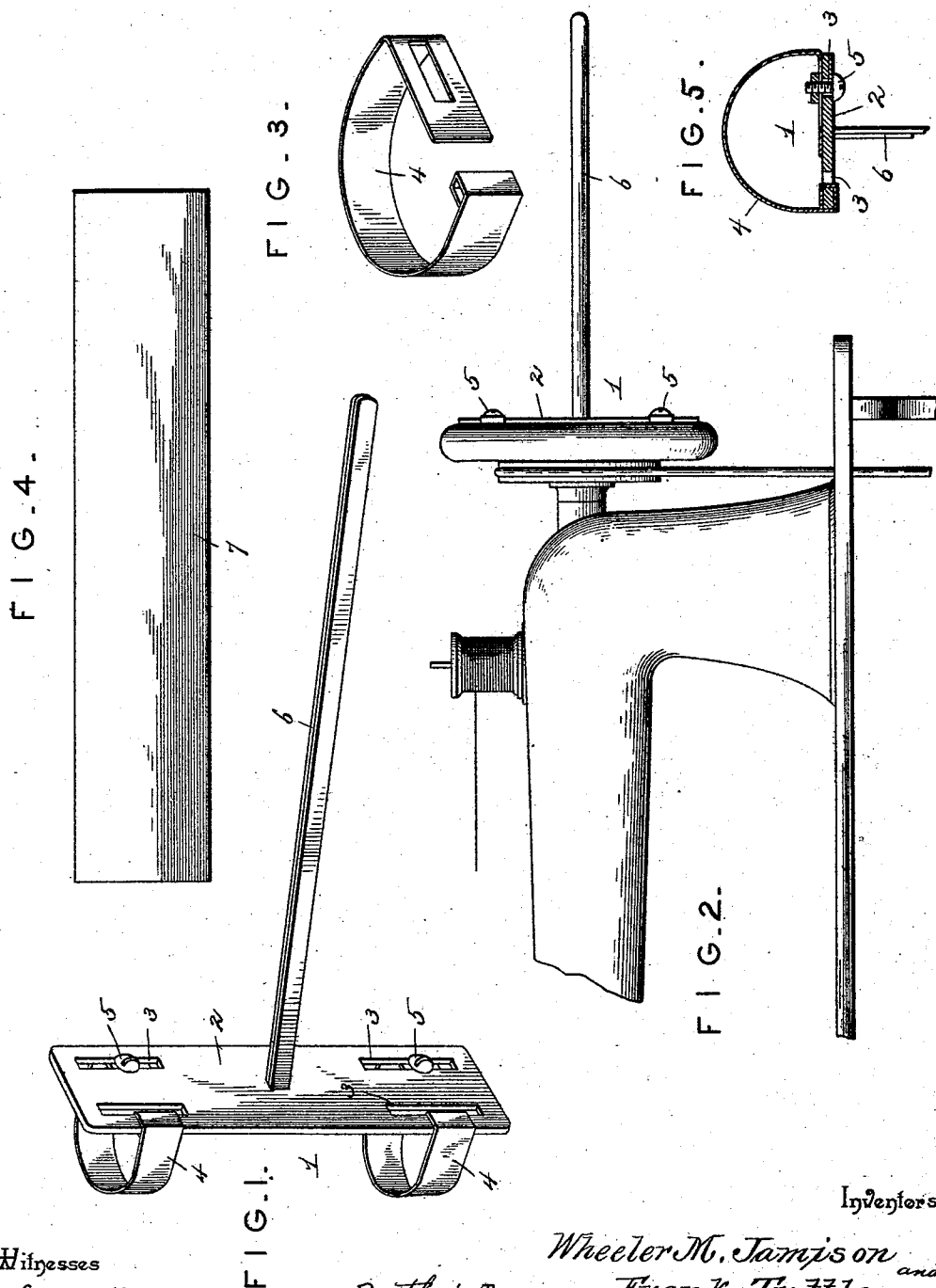


(No Model.)

W. M. JAMISON & F. TUTTLE.
APPARATUS FOR MAKING TUFTED ARTICLES.

No. 572,759.

Patented Dec. 8, 1896.



Witnesses
Harry L. Ames,
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By their Attorneys,

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UNITED STATES PATENT OFFICE.

WHEELER M. JAMISON AND FRANK TUTTLE, OF AUBURN, KENTUCKY.

APPARATUS FOR MAKING TUFTED ARTICLES.

SPECIFICATION forming part of Letters Patent No. 572,759, dated December 8, 1896.

Application filed September 11, 1896. Serial No. 562,169. (No model.)

To all whom it may concern:

Be it known that we, WHEELER M. JAMISON and FRANK TUTTLE, citizens of the United States, residing at Auburn, in the county of Logan and State of Kentucky, have invented a new and useful Apparatus for Making Tufted Articles, of which the following is a specification.

This invention relates to an improvement in the apparatus for making tufted articles.

The object of the present invention is to provide a simple and inexpensive attachment for sewing-machines, which is adapted to be readily applied to and removed from the hand or fly wheel of any ordinary sewing-machine in common use, the said attachment being intended to facilitate the winding, upon suitable formers or bobbins, of one or more strands, so as to form a cluster or series of parallel coils or loops.

To this end the invention consists in certain novel features and details of construction, as hereinafter fully described, illustrated in the drawings, and finally incorporated in the claims.

In the accompanying drawings, Figure 1 is a perspective view of the improved sewing-machine attachment of this invention. Fig. 2 is a side elevation of a sufficient portion of a sewing-machine to illustrate the application of the improved attachment thereto. Fig. 3 is a detail view of one of the securing-straps by which the attachment is secured to the hand or fly wheel of a sewing-machine. Fig. 4 is a plan view of one of the formers or bobbins. Fig. 5 is a detail horizontal section through the base-plate and clamping band or strap.

Similar numerals of reference designate corresponding parts in the several figures of the drawings.

Referring to the accompanying drawings, 1 designates a bobbin-winding attachment which comprises a suitable base-plate 2, of any desired width and thickness and of a length approximately corresponding to the diameter of the average hand or fly wheel of sewing-machines now in use. This plate is provided adjacent to its corners with four longitudinal slots 3, and is attached to the outside face of the hand-wheel of the sewing-machine by means of flexible metallic straps 4, having

their corresponding terminals looped loosely through the slots 3 at one edge of the plate 2 and longitudinally slotted at their opposite terminals to receive the shanks of suitable fastening devices 5, the latter passing also through the longitudinal slots in the base-plate 2, as shown. The metallic straps 4 are passed around and caused to embrace oppositely-disposed spokes or other portions of the hand or fly wheel of the sewing-machine to which the device is to be applied, after which said straps are drawn taut and firmly clamped by means of the fasteners 5. The base-plate 2 is thus carried by and rotated with said wheel and in turn imparts rotary motion to a longitudinally-extending horizontally-disposed pair of parallel former-engaging arms 6, the purpose of which will be explained.

In the manufacture of tufted articles, such as floor-rugs, door-mats, chair-tidies, and work of a similar nature, wherein strands of wool, cotton, yarn, silk, floss, thread, twine, or rags, &c., are employed, a former or bobbin 7, of strawboard or other similar material, is inserted between the horizontal arms 6. The length of this former or bobbin determines the length or width of the rug, mat, or other article to be made, while the width of said former determines the length of the nap of such article. The former or bobbin having been inserted between the arms 6, one or more strands of the desired material are given one or two loops or coils around the end of the former and the extremities thereof confined between said arms and the former. The hand or fly wheel of the sewing-machine is now revolved rapidly and the strand or strands fed onto the former or bobbin until the latter is filled from end to end, whereupon such former, together with the strands wound thereon, is removed from the arms 6.

Changes in the form, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. The herein-described attachment for sewing-machines, comprising a base-plate, a pair of parallel arms carried thereby and

adapted to receive and hold a former or bobbin, and a flexible band or strip attached to said plate and adapted to be looped around the hand or fly wheel of a sewing-machine, substantially as described.

2. The herein-described attachment for sewing-machines, comprising a base-plate, parallel arms carried thereby and adapted to hold a former or bobbin between them, and a band or strip having a sliding connection with said plate and adapted to be looped around the hand or fly wheel of a sewing-machine, substantially as described.

3. The herein-described attachment for sewing-machines, the same comprising a slotted base-plate, a pair of parallel arms secured thereto and adapted to receive a former or

bobbin, a flexible strap or band having one of its terminals slidingly engaged in one of the slots of said plate, and the other terminal longitudinally slotted, and a securing device passing through the slotted terminal of said band or strap and also through the slotted base-plate, substantially as and for the purpose specified.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

WHEELER M. JAMISON.
FRANK TUTTLE.

Witnesses:

D. CHILDRES,
A. MCCORLEY.