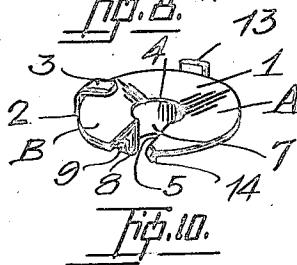
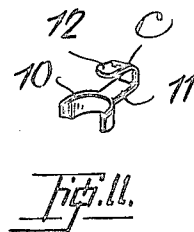
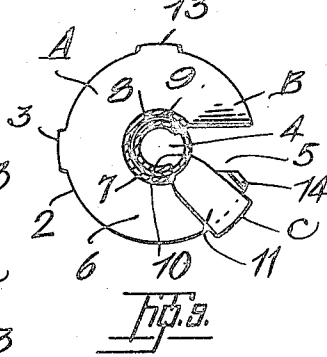
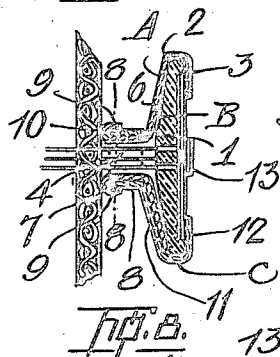
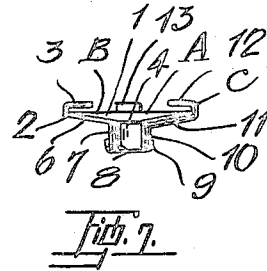
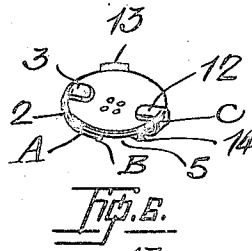
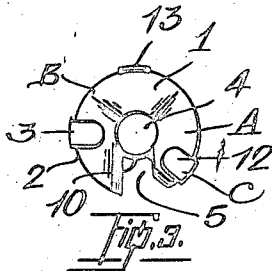
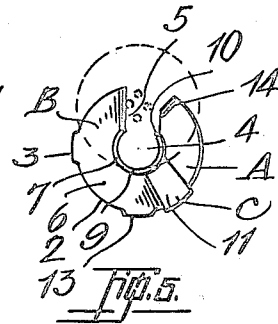
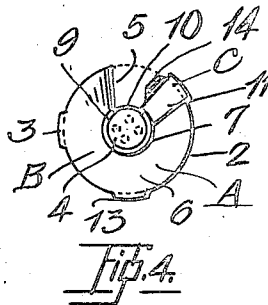
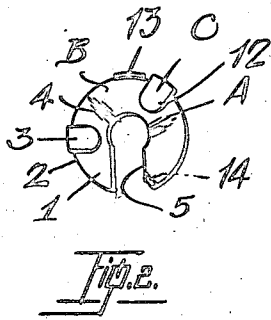
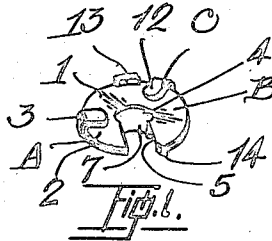


G. A. FRITSCH.
 BUTTON THREADER.
 APPLICATION FILED JULY 6, 1921.

1,436,030.

Patented Nov. 21, 1922.



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 ATTYS.

UNITED STATES PATENT OFFICE.

GEORGE ARTHUR FRITSCH, OF RENFREW, ONTARIO, CANADA.

BUTTON THREADER.

Application filed July 6, 1921. Serial No. 482,774.

To all whom it may concern:

Be it known that I, GEORGE ARTHUR FRITSCH, a subject of the King of Great Britain, and resident of the town of Renfrew, in the Province of Ontario, Dominion of Canada, have invented certain new and useful Improvements in Button Threaders, of which the following is a specification.

This invention relates to improvements in button threaders, and the objects of the invention are to provide a device of this kind, that will materially assist in quickly and effectively sewing on of buttons, by confining the threading or sewing to that portion of the material directly beneath the thread apertures in the button, and at the same time securely retaining the button in the required position.

The invention consists essentially in the construction, combination and arrangement of parts as hereinafter more fully described and illustrated in the accompanying specification and drawings.

In the drawings;

Figure 1 is a perspective view of the button threader in open position to receive a button therein.

Figure 2 is a plan view of the threader in open position.

Figure 3 is a similar view in closed position.

Figure 4 is a view of the underside of the button threader closed.

Figure 5 is a similar view in open position.

Figure 6 is a perspective view of the button threader closed with the button in place therein.

Figure 7 is a sectional view through the threader.

Figure 8 is an enlarged sectional view through the threader and button.

Figure 9 is a sectional view on the line 8-8 of Figure 8.

Figure 10 is a top view of the button threader with the closing member detached.

Figure 11 is a perspective view of the closing member.

Like characters of reference refer to like parts in the several figures.

Referring to the drawings, A is the button threader comprising the holder B and the closing and retaining member C made of any suitable material and preferably as here shown of flexible metal. The holder B is formed with a hollow top 1. A suitable rim 2 with fixed retaining catch 3 and the aper-

tured centre 4 extending outwardly to form the slot 5 in the rim 2. 6 is the convex bottom portion provided with the hollow stem 7 formed with the slot 8 therein, and the upwardly extending end flange 9 thereon.

The closing and retaining member C is formed with the semi-circular end portion 10 adapted to fit and travel partially around the slotted stem 7 in the flange 9 and extending upwardly at 11 to form the catch 12 adapted to travel on the rim 2 between the stops 13 and 14 on the top and bottom respectively of said rim.

From the foregoing the operation of my device will be apparent. The button is placed in the button threader when the latter is in the position as shown in Figure 1 with the closing and retaining member 10 moved around to contact with the rim stop 13. The catch 12 is then drawn back around the rim 2 to the stop 14 thereby fastening or locking the button in position, and at the same time closing the slot 8 in the stem 7, when the button threader is ready for the sewing on of the button to commence, the end of the stem 8 fitting tightly on the material and confining the threading of the button to that portion of it corresponding exactly to the thread apertures in the button.

As many changes could be made in the above construction, and many apparently widely different embodiments of my invention, within the scope of the claims, constructed without departing from the spirit or scope thereof, it is intended that all matter contained in the accompanying specification and drawings shall be interpreted as illustrative and not in a limiting sense.

What I claim as my invention is:

1. A button threader comprising a button holder formed with a hollow top side provided with rim catches or retainers and having a central aperture therein, extending outwardly to form a slotted rim, a convex bottom side formed with a hollow slotted stem, corresponding to said apertured centre and said slotted rim and having an upwardly bent end flange thereon, a closing and retaining member formed with a semi-circular end to fit partially around said stem and to travel in the end flange thereon, the other end of said closing member extending to form a catch adapted to travel on said rim: top and bottom stops on said rim to limit the travel of said closing and retaining member.

2. A device of the class described, comprising a button holder provided with rim retaining catches and formed with a central aperture and a slotted rim, a slotted hollow
5 stem extending downwardly from said apertured centre, an end flange on said stem, a closing and retaining member adapted to travel simultaneously on said stem and said rim, whereby the slot in said stem is closed
10 or opened, and the button in said holder is locked or released.

3. In a device of the class described, the combination with a suitably formed holder portion having an apertured centre, a slotted

rim and formed with a hollow slotted stem, 15 of a closing and locking member adapted to travel on said stem and said rim to close or open the slotted stem and to lock or release a button in position on the holder, means on said rim to regulate the travel of said closing 20 and retaining member.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

GEORGE ARTHUR FRITSCH.

Witnesses:

ERNEST JOHN STEWART,
BEATRICE HOLLINGWORTH.