R. G. BUSH.

Improvement in Tuck Folding Attachment for Sewing Machines.

No. 121,488.

Patented Dec. 5, 1871.

Fig. 1.

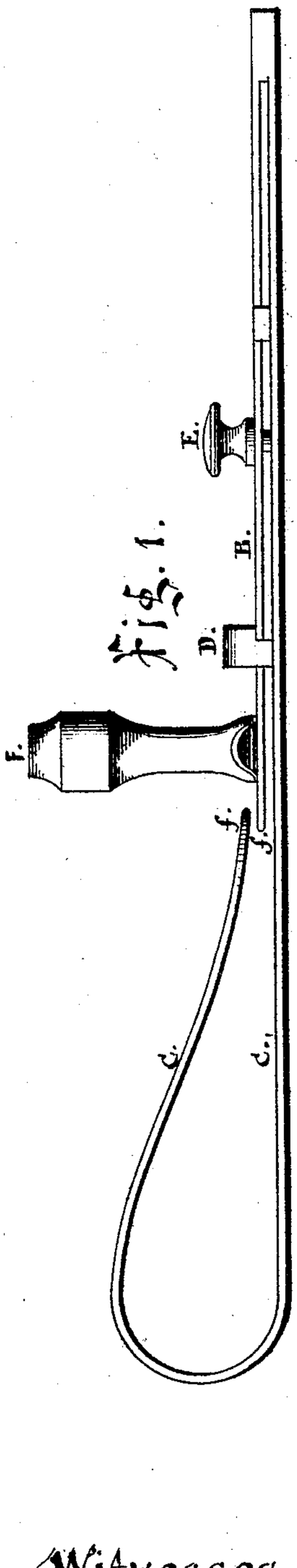


Fig. 2.

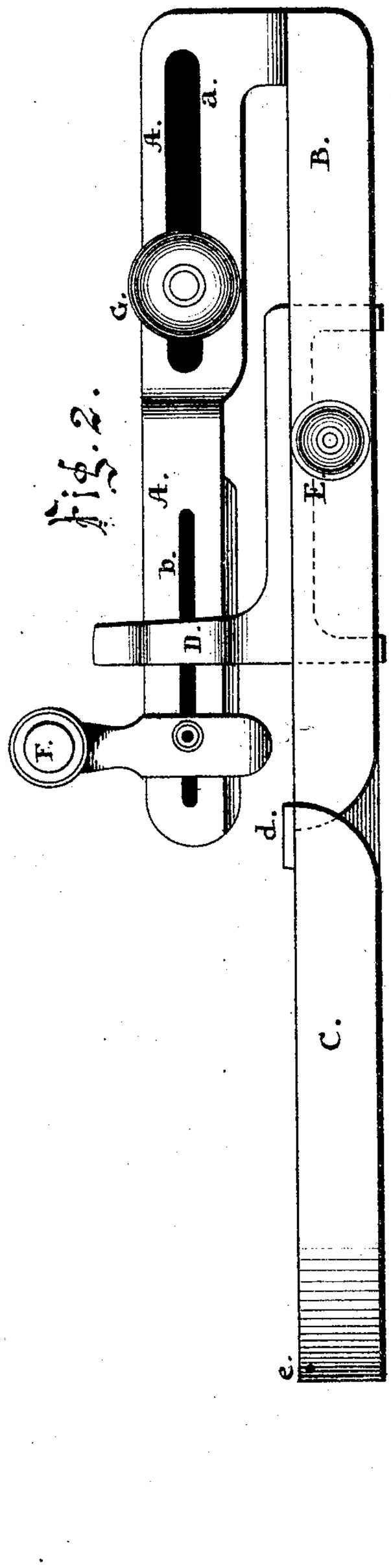


Fig. 3.

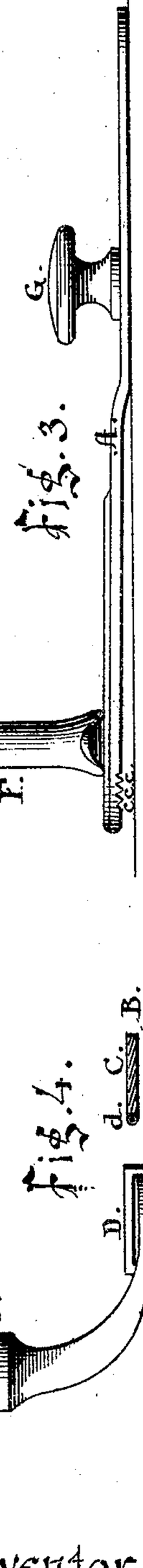
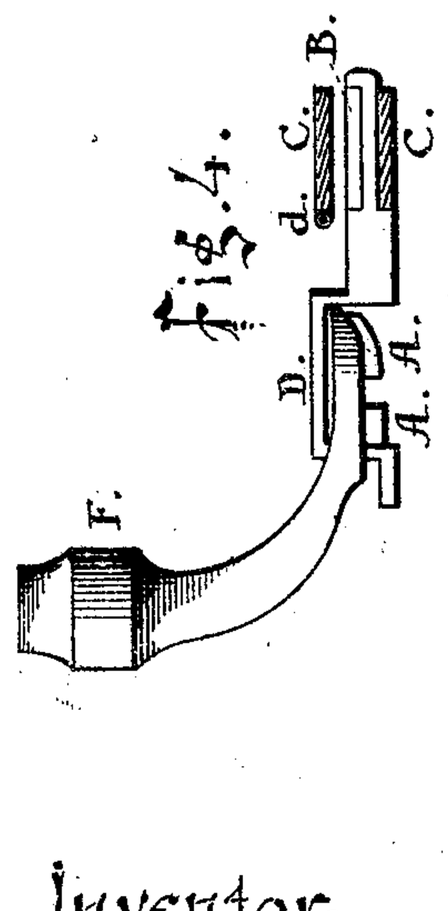


Fig. 4.



Witnesses;
Milo Harris
A. A. Price

Inventor;
R. G. Bush

UNITED STATES PATENT OFFICE.

RICHARD G. BUSH, OF JAMESTOWN, NEW YORK.

IMPROVEMENT IN TUCK-FOLDING ATTACHMENTS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 121,488, dated December 5 1871.

To all whom it may concern:

Be it known that I, RICHARD G. BUSH, of Jamestown, in the county of Chautauqua and State of New York, have invented a Combined Tucker and Corder for use on Sewing-Machines, of which the following is a specification:

My invention consists in constructing an attachment for making folds or tucks on fabrics in such manner that while one tuck is being stitched another is folded and pressed down ready for the next line of sewing, and as hereinafter described.

Figure 1 is a sectional elevation. Fig. 2 is a plan view of the attachment. Fig. 3 is a section of bed-plate. Fig. 4 is a transverse section, showing form of gauge, position of cloth-presser, and sectional parts of folding-points and cord-guide.

A is the bed or supporting-plate, constructed of sheet-brass or other suitable material, and is made to extend under the cloth-presser of an ordinary sewing-machine for the purpose of pressing down the tuck after the goods have passed between the folding-points. In this plate is cut the elongated opening *a*, through which the gauge-screw passes, and by means of which the attachment can be adjusted to make the desired width of tuck, and, when the gauge-screw G is turned down, is held firmly to the bed of the machine. *b* is an opening in that portion of the plate that extends under the cloth-presser, and through which the needle passes while the machine is being operated. B is a plate, made of suitable metal, rigidly connected at one end to projection on plate A, and forms upper support to gauge D; also the lower point *f*, over which the goods are folded. C is a metal plate of same width as plate B and attached to plate A in same manner, forming lower support to gauge D parallel with plate B, but extends beyond, and curved to form the loop and upper folding-point, as shown in Fig. 1. D is adjustable gauge for width of tuck. F is a sewing-machine cloth-presser.

To operate the attachment as a tucker, fold the goods and pass between the plates B and C and back against the gauge D; then, by passing the upper goods closely around the points *f f* and back smoothly on the plate C, a fold will be made, which, when carried forward by the action of the feed-under plate A, will be pressed down as the feed drops to its lowest point. Only one thickness of goods has to be folded at a time, as the goods tucked pass under the upper portion of plate C.

When the attachment is used as a corder the cord passes into the eyelets *e d*, thence under plate A, and its proper position held in the cloth by the notches *c c c c* in said plate, while the goods to be corded are folded around the upper point *f*, thence under plate A, ready to be stitched.

I claim as my invention—

The plates B and C when used in combination with the vibrating slotted adjustable plate A, in the manner substantially as described, and for the purposes set forth.

RICHARD G. BUSH.

Witnesses:

MILO HARRIS,

A. N. PRICE.

(134)