

G. K. Snow,
Collar Machine.

No. 51,235.

Patented Nov. 28, 1865.

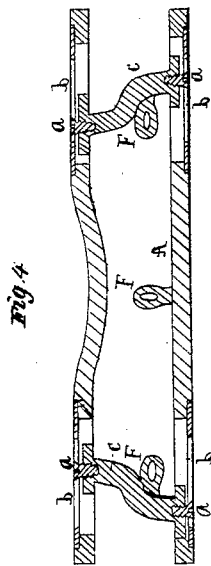


Fig. 5.

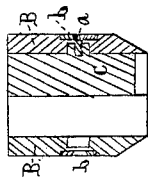


Fig. 6

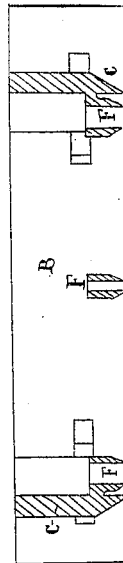


Fig. 1.

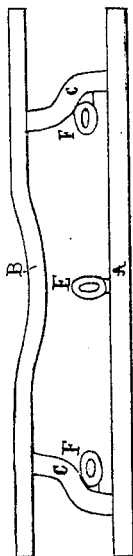


Fig. 2.

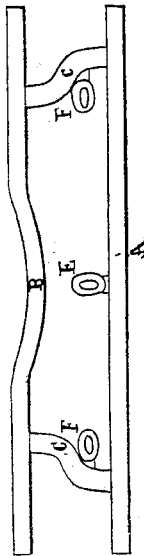
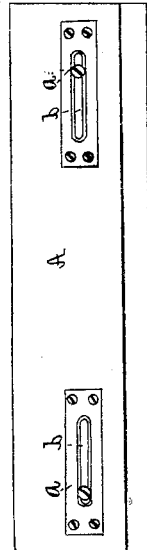


Fig. 3.



Witnesses

W. C. Fisher,

George K. Snow

By His Attorney

R. H. Cady

UNITED STATES PATENT OFFICE.

GEO. K. SNOW, OF WATERTOWN, MASSACHUSETTS, ASSIGNOR TO HIMSELF,
MARCH BROTHERS, AND PIERCE & CO.

IMPROVEMENT IN DIES FOR CUTTING PAPER COLLARS.

Specification forming part of Letters Patent No. **51,235**, dated November 28, 1865; antedated
November 15, 1865.

To all whom it may concern:

Be it known that I, GEORGE K. SNOW, of Watertown, in the county of Middlesex and State of Massachusetts, have made an invention of certain improved or adjustable dies or cutters for forming or stamping out shirt-collars from one or more sheets of paper or other suitable material or composition of materials; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view; Fig. 2, a bottom view; Fig. 3, a side elevation; Fig. 4, a horizontal section. Fig. 5 is a transverse section, and Fig. 6 a longitudinal section, of the said invention.

In the drawings, A and B are two side cutters, and C C are two adjustable end cutters, the latter being arranged between the side cutters in manner as represented in such drawings. Each of the said cutters has a sharp lower edge.

The two end cutters, C C, are secured to the two side cutters, A B, by two clamp-screws, *a a*, which go through slots *b b*, formed longitudinally in each of the side cutters, the same being so as to enable the end cutters to be moved either nearer to or farther apart from one another, and fixed in position in order to adapt the side and end cutters to the formation of shirt-collars of different lengths or sizes, as occasion may require, such collars being formed from a sheet or sheets by the pressure of the cutters thereon and through the same.

There is attached to the middle of the cutter A a button-hole cutter, E, which is a tube having a sharp cutting-edge at its lower end.

There is also attached to each of the adjustable end cutters another such button-hole cutter, F, the arrangement of which, as well as that of the cutter E, being as represented in the drawings.

The cutter E, while a collar is in the act of being stamped from a sheet of paper or other material or composition of materials, will form in such collar the middle button-hole, the two cutters F F at the same time forming the two end button-holes in such collar. As the said cutters F F are attached to the end cutters, they become adjustable with them and always bear the same positions relatively to them.

The cutters, combined as described, are to be used in a collar-stamping press of the ordinary construction.

Sometimes in stamping collars from paper but one of the side cutters will be necessary with the two end cutters.

What I claim as my invention is as follows:

1. The combination of the adjustable end cutters, C C, with either one or two side cutters, as described.

2. The combination of the adjustable button-hole cutters and end cutters with either one or two side cutters.

3. The combination of the adjustable end and button-hole cutters with one or two side cutters and a middle button-hole cutter, stationary relatively to the side cutter, to which it may be connected, the whole being substantially as and for the purpose hereinbefore specified.

GEO. K. SNOW.

Witnesses:

R. H. EDDY,
F. P. HALE.