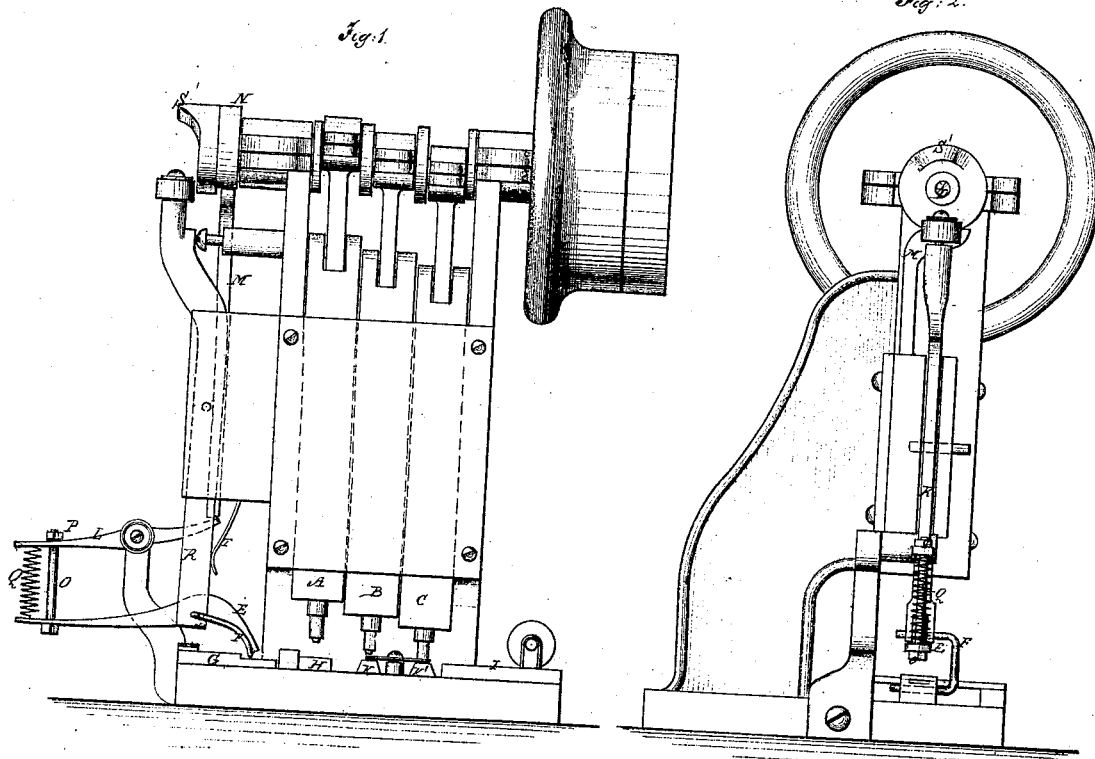


*S. N. Smith,*  
*Eyelet Machine.*  
*No. 110508.* *Patented Dec. 27. 1870.*



Witnesses:

*Chas. Nida*  
*E. P. Mabe*

Inventor:

*S. N. Smith*

PER

*Wm. H. Smith*

Attorneys.

# United States Patent Office.

STEPHEN N. SMITH, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO THE  
UNION EYELET COMPANY, OF SAME PLACE.

Letters Patent No. 110,508, dated December 27, 1870.

## IMPROVEMENT IN EYELET-MACHINES.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, STEPHEN N. SMITH, of the city and county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Machines for Making Eyelets; and I do hereby declare that the following is a full, clear, and exact description, reference being had to the accompanying drawing making part of this specification, in which—

Figure 1 is a front elevation of my improved eyelet-making-machine.

Figure 2 is a side elevation of the same.

My invention relates to and consists in an improvement for regulating the pressure upon feeding-devices, as hereinafter first described in connection with an eyelet-machine, and subsequently pointed out in the claim.

In fig. 1 of the drawing are shown three punches A, B, and C, operated consecutively by cams on the driving-shaft.

H K K' are the successive dies;

G, a supporting or feeding-plate for the eyelet-stock to rest upon in passing to the dies and punches; and

I is another supporting or discharging-plate for the delivery of the prepared stock in line from the dies and punches.

The cam S, lever R, finger F, and pawl E constitute the device or means employed to feed the eyelet-stock to the dies and punches, and the cam N, rod M, lever L, rod and nut O P, and spring Q, constitute the mechanism for controlling the action of the feeding-device to adapt it to the requirements of the dies and punches.

Having thus described all that is necessary to a full understanding of my invention,

What I esteem to be new, and desire to protect by Letters Patent, is—

The device for regulating the pressure upon the feeding-pawl, consisting of a cam, N, rod M, lever L, rod O, nut P, and spring Q, all arranged to operate together as and for the purpose specified.

STEPHEN N. SMITH.

Witnesses:

HENRY MARTIN,  
JOHN C. PURKIS.