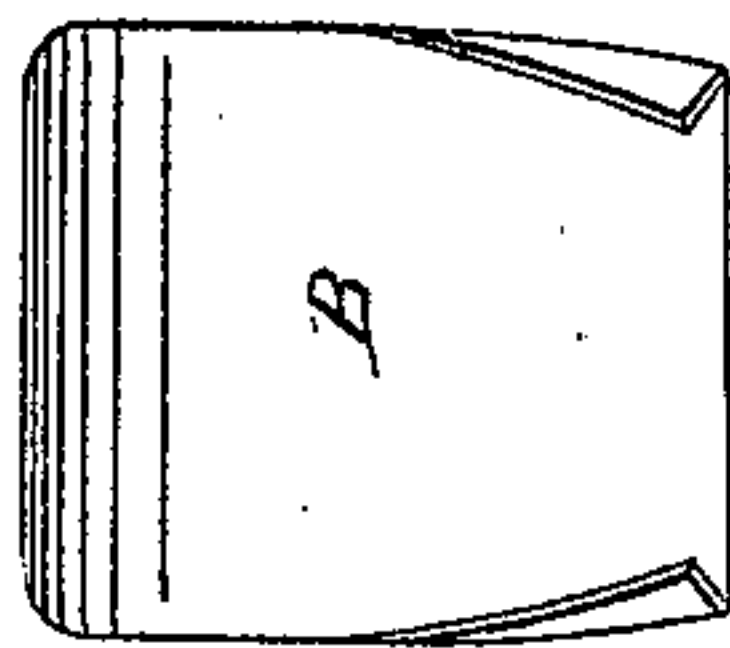


G. H. CHESBRO.  
Finishing Rubber Fabrics.

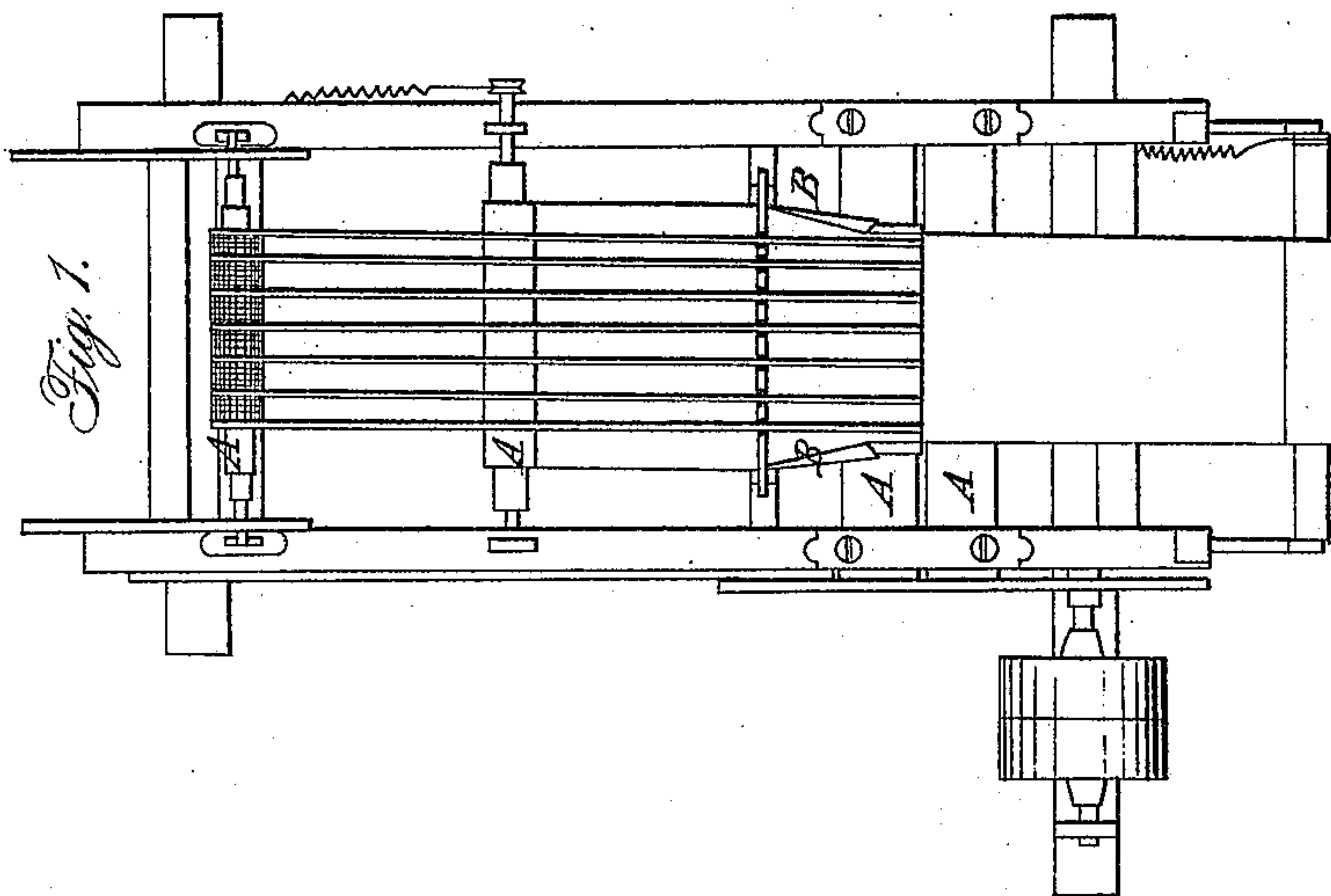
No. 20,037.

Patented Apr. 27, 1858.

*Fig. 2.*



*Fig. 1.*



# UNITED STATES PATENT OFFICE.

GILBERT H. CHESBRO, OF STAFFORD, CONNECTICUT.

DEVICE FOR TURNING DOWN THE EDGES OF ELASTIC CLOTH.

Specification of Letters Patent No. 20,037, dated April 27, 1858.

*To all whom it may concern:*

Be it known that I, GILBERT H. CHESBRO, of the town of Stafford, in the county of Tolland and State of Connecticut, have invented a new and useful improvement on the machine now used in the manufacture of elastic cloth, composed of prepared india-rubber and cloth, and finishing up said cloth ready for use.

10 The main or principal parts of said machine, and which I do not claim to be the inventor, and for which I do not claim or ask a patent, on, consists of three cylinders A, two of which running together, the one  
15 being placed directly opposite the other, are used to compress the faced side of the cloth, and the rubber, which is between the face and lining when it passes between the two cylinders together, which process forms the  
20 cloth, and gives it the proper elasticity. The third cylinder is used for giving the rubber the proper extension or stretch, before it passes through or between the two first named cylinders.

25 The improvement on said machine consists in turning the edges of the faced side of the cloth over as it passes through or between the compressing cylinders, to meet and unite with the edge of the back side or  
30 lining making perfectly, finished, smooth and firm edges on both sides of the cloth and leaving a smooth and perfect surface on the faced side and back side of said cloth.

35 The process for turning the edges is done by one piece B, the length of which must conform to the width of the piece of cloth

you are making. The piece may be made of brass, copper, tin or iron, the width of the piece to be not less than four inches. The piece is attached to the main machine so that the end of said piece that has the edges turned over will rest nearly on the top of the front compressing cylinder. The faced side of the cloth with rubber on its surface is made to pass over the piece or guide the edges of the cloth and rubber passing through the turned edges of the piece or guide which turns the faced side of the cloth over on to the rubber, the cloth then passing along till it meets the lining as it passes over the back cylinder, the edges of the lining meeting with the edges of the faced side of the cloth as it is turned over and the whole then passing through or between the compressing cylinder uniting the edges of the face and lining, and perfecting the cloth making perfectly smooth and finished edges as aforesaid.

Having thus described the nature of my invention, what I claim as new and desire to secure by Letters Patent, is—

The plate B constructed and operating as described, for the purpose of turning the edges of the faced side of the cloth over as it passes between the compressing cylinders.

In witness whereof, I have hereunto subscribed my name the 19th day of March A. D. 1857.

GILBERT H. CHESBRO.

In presence of—

ASA WILLEY,

LORENZO J. CLEMENCE.