

(No Model.)

G. J. MORSE.
TROUSERS OR COAT.

No. 528,178.

Patented Oct. 30, 1894.

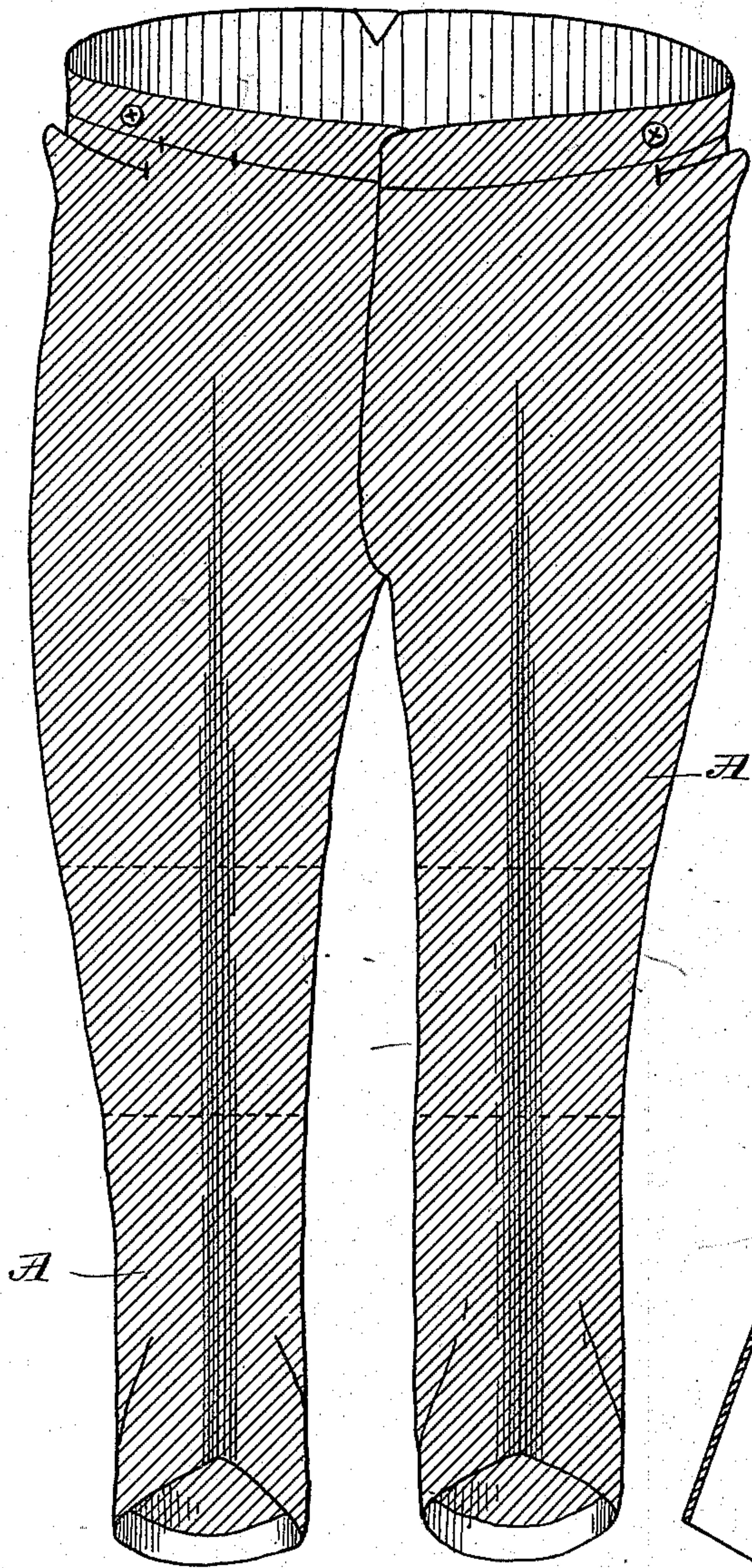


Fig. 1.

Fig. 4

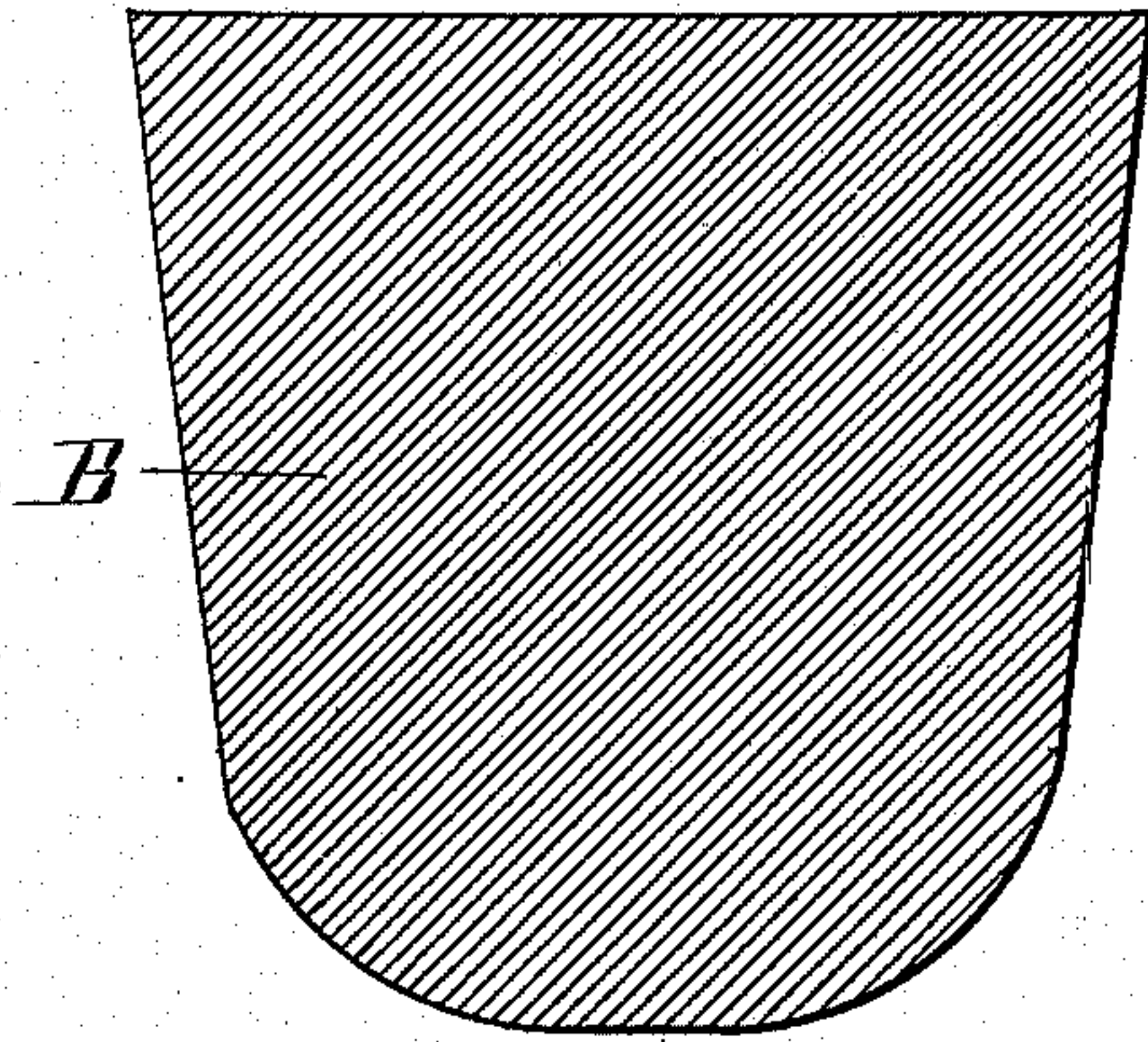


Fig. 2.

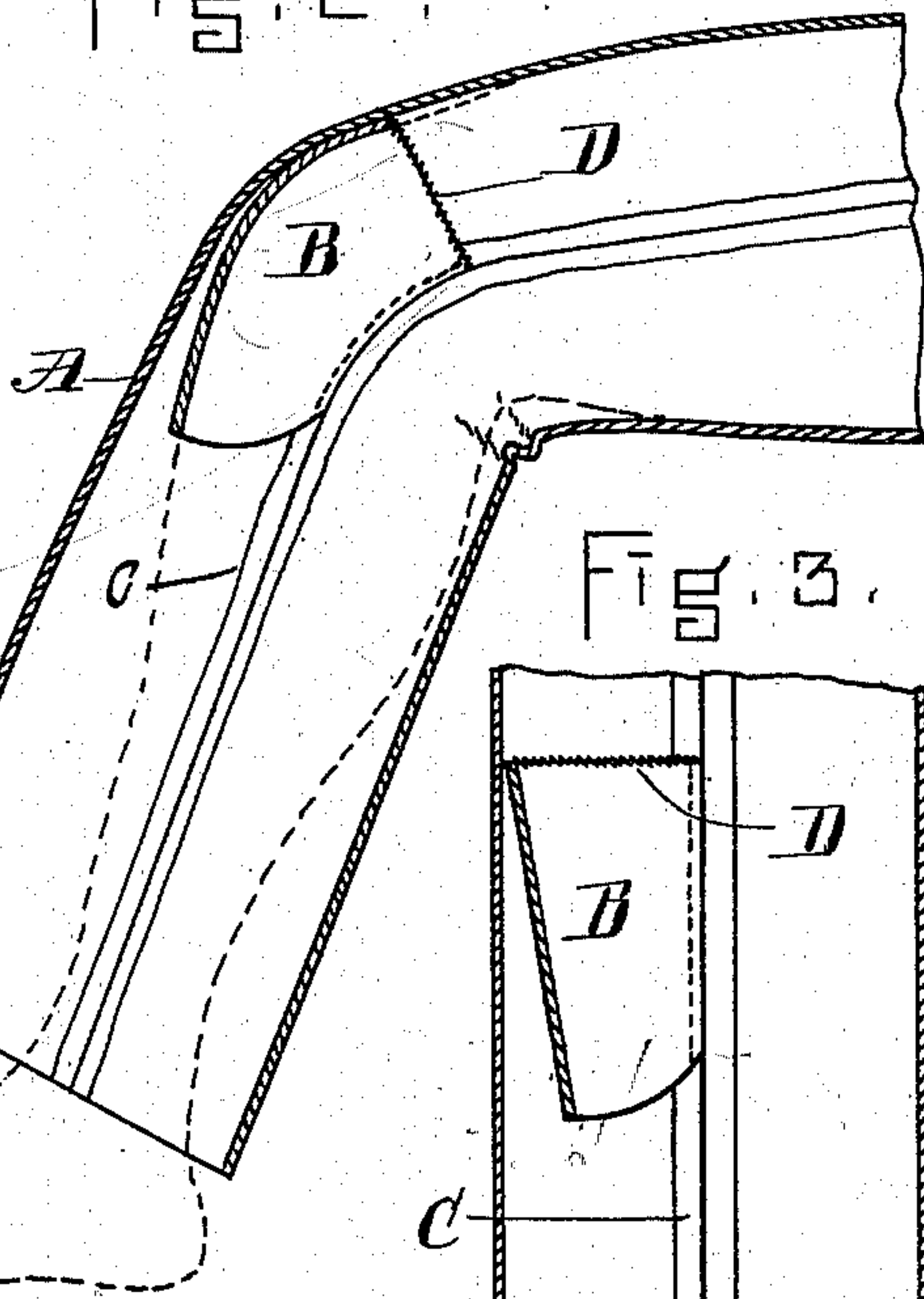
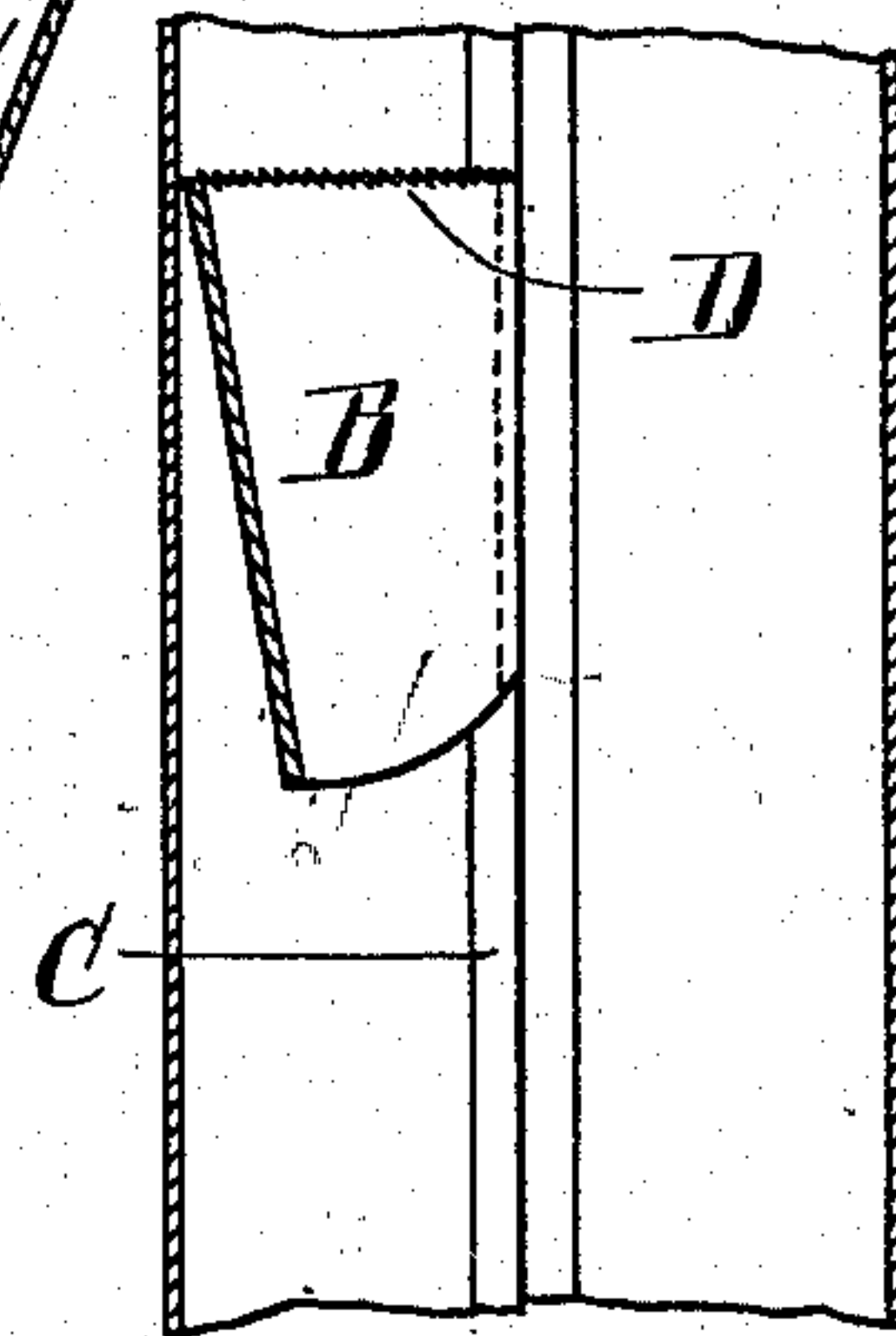


Fig. 3.



WITNESSES.

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UNITED STATES PATENT OFFICE.

GEORGE J. MORSE, OF HYDE PARK, MASSACHUSETTS.

TROUSERS OR COAT.

SPECIFICATION forming part of Letters Patent No. 528,178, dated October 30, 1894.

Application filed May 1, 1893. Renewed March 31, 1894. Serial No. 505,956. (No model.)

To all whom it may concern:

Be it known that I, GEORGE J. MORSE, of Hyde Park, in the county of Norfolk and State of Massachusetts, have invented certain
5 new and useful Improvements in Trousers or Coats, of which the following, taken in connection with the accompanying drawings, is a specification.

The object of my invention is to prevent
10 the stretching and "bagging" of trousers at the knees and of coats at the elbows, and to thereby render such garments more symmetrical and durable, without requiring any of the numerous forms of trousers stretchers
15 or equivalent devices.

My invention consists in such a garment provided with a reinforcing piece of thin, flexible, non-stretching fabric inserted within
20 each leg of the trousers at the knee portion, or in each sleeve of the coat at the elbow, and secured near the side seams thereof to the inward-turned edge of the goods, the upper edge of such reinforcing piece being attached to the interior of the leg portion or lining at
25 a line above the knee, and having the same horizontal length, from seam to seam, as the material to which it is attached, while the lower edge of such piece is of less length than the upper edge and of less extent than
30 the adjacent portion of the trousers leg or coat sleeve so that the front of the reinforcing piece is not in contact with the garment at and near its lower edge, but is inclined downwardly and rearwardly, against the knee
35 or elbow of the wearer, so that no strain comes upon the material of which the garment is made from seam to seam, but the same is borne by the reinforcing piece, which acts as an inclined plane to slightly raise the
40 garment. The attachment of the upper edge of such piece to the goods prevents catching the foot or hand upon it in putting on the garment.

My invention is illustrated as applied to
45 trousers, but it is obvious that it is also applicable to coats and like garments.

In the drawings, Figure 1 is a representation of a pair of trousers in which dotted lines indicate the position of the inclosed re-
50 inforcing pieces. Figs. 2 and 3 are sectional views each showing part of the leg of a pair

of trousers provided with my improvement, Fig. 2 indicating in dotted lines the position of the leg of the wearer. Fig. 4 is a plan of one form of the reinforcing piece. 55

I introduce into the legs A of trousers or the sleeves of coats, reinforcing pieces B of thin flexible non-elastic fabric, and secure them parallel and adjacent to the side seams of the leg or sleeve in the vicinity of the
60 knee or elbow. These pieces are of such length as may be desired and of a width, from seam to seam, at and near their lower edges, somewhat less than the outer material of the garment, so as to bear the strain ordinarily
65 coming upon such outer material, and thus to prevent it from becoming stretched or "bagged" by the bending at the joints incident to use.

By my improvement the front material is
70 relieved from strain and the part in rear of the seams is drawn up somewhat closer under the knee.

The sides or edges of the reinforcing pieces are secured by stitching them to the inward-
75 turned edges C of the outer material adjacent to the seam. This manner of attachment is well represented in Figs. 2 and 3, and its advantage is that the pieces may be applied after the garment is made up without having
80 the stitching visible from the outside.

I prefer to round or cut away the lower corners of the pieces B as shown, thereby allowing more flexibility to these pieces. Their upper edges should extend considerably
85 above the joint and be suitably connected to the garment or its lining, as at D, to prevent catching the foot or hand on them. This line of connection will be at any desired point from the waist-band or shoulder seam,
90 downwardly.

I am aware that it is not broadly new to apply to garments a strengthening piece inside of the fabric, to relieve the outer material from strain; but I am not aware that
95 such reinforcing pieces have ever before been secured along their vertical sides to the inward-turned edges of the material of which the garment is made, the upper edges of such pieces being in substantial contact with the
100 inner surface of the goods, while the lower edges are of materially less area than the

goods and a space is maintained between them, increasing downwardly as herein shown and described.

I claim as my invention—

- 5 The improved garment described, having within the legs the reinforcing pieces B, such pieces being secured edgewise to the inward-turned edges of the material at the knee portion, connected along their upper edges to
10 the garment, and there made of the same area as the goods of which the garment is composed, and inclined downwardly and rear-

wardly away from such goods so as to have a space between them, increasing downwardly, to relieve the outer material from strain, substantially as set forth. 15

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 10th day of March, A. D. 1893.

GEO. J. MORSE.

Witnesses:

A. H. SPENCER,
JOHN C. LANE.