

(No Model.)

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PANTALOONS.

No. 249,596.

Patented Nov. 15, 1881.

Fig. 1.

Fig. 2.

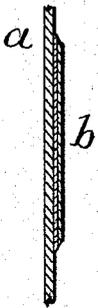
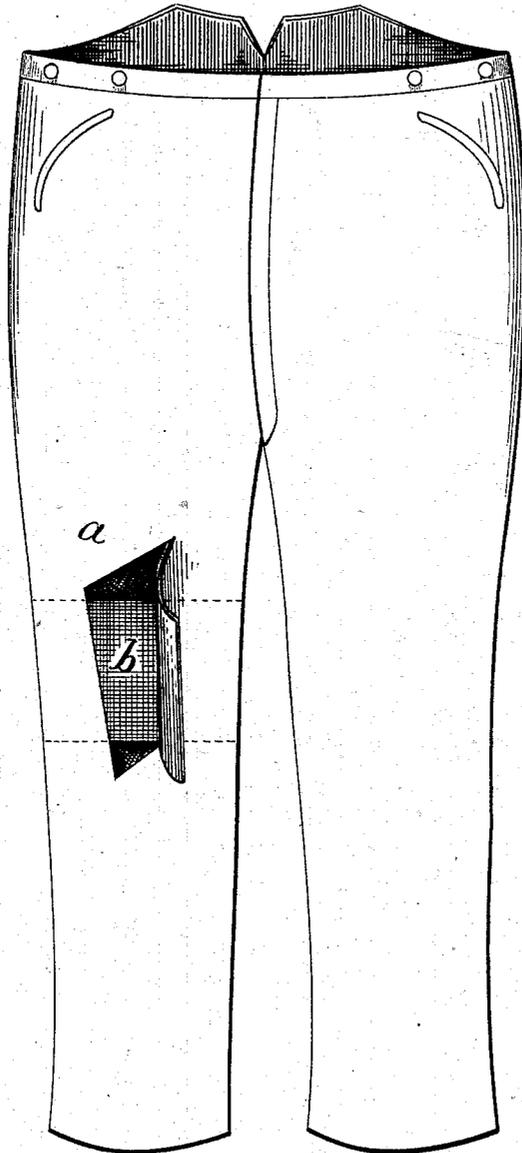
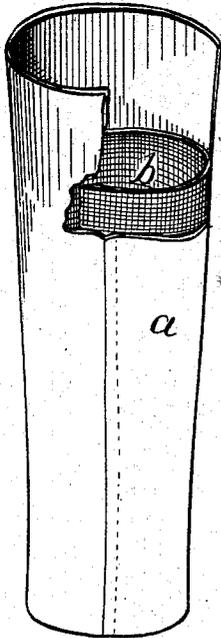


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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H. DOUGLASS, DECEASED.

PANTALOONS.

SPECIFICATION forming part of Letters Patent No. 249,596, dated November 15, 1881.

Application filed June 14, 1881. (No model.)

To all whom it may concern:

Be it known that JOHN HODGEN DOUGLASS, deceased, late of Calhoun county, Illinois, did, during his life-time, invent a new and useful Improvement in Pantaloons; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a front elevation of a pair of pantaloons, with the front part of one leg turned up to show the improvement. Fig. 2 is a cross-section in the line *xx* of Fig. 1; and Fig. 3 is a rear elevation of one leg of a pair of pantaloons, with the upper end of the back part of the leg removed to show the improvement.

The object of the invention is to retain the original shape or form of pantaloons at the knees, where they are liable to bag or be drawn out of shape by the knee in bending the leg, and remain in that position.

Heretofore short pieces of rubber or other elastic material have been placed on the inside of pantaloons at the knees to attain this result.

The invention relates to improvements in this construction; and it consists in securing by heat, or adhesive solution, or otherwise, a thin sheet of rubber cloth forming a ring to the inside of both legs of the pantaloons at the knees, so that the rings of rubber cloth or elastic material will extend entirely around the inside of the pantaloons at the knees and be secured thereto. The inner surface of the rubber or elastic material is also lined with tissue-paper or other material to protect the rubber and prevent it from adhering or sticking. By this construction it will be seen that when the leg of the pantaloons is bagged outwardly by the pressure of the knee upon it, the pressure upon the rear part of the pantaloons, opposite the knee, will be resisted by the elastic material or ring, and that the original form of the pantaloons will be more readily restored when the pressure of the knee is removed than in

the case in which a short piece of elastic material is applied to the inside of the pantaloons, over the knee.

In the accompanying drawings, *a* represents the front of one of the legs of a pair of pantaloons, to the inside of the cloth of which, over or around the knees, is secured a continuous sheet of gum-elastic or rubber cloth, *b*, extending entirely around the inside of the pantaloons at the knees, and forming a ring of rubber cloth secured to the inside of the pantaloons-legs, at the knees; and the inner surface of rubber or other elastic material is lined with tissue-paper or other protecting material, to prevent the rubber cloth from adhering or sticking, the result attained being that when the leg of the pantaloons is bagged outwardly by the pressure of the knee upon it, the original form of the pantaloons-leg at the knee will be restored, when the pressure of the knee is removed, by the elastic force of the rubber or other elastic material employed.

The device, constructed and arranged as described, may also be applied to coat-sleeves at their elbows, in the same manner and with the same results as when applied to pantaloons at their knees.

What I claim as the invention is—

1. Pantaloons provided with rings *b* of rubber cloth, extending entirely around the inside of the legs at the knees, and secured thereto, substantially as described, and for the purpose set forth.

2. Pantaloons provided with rings *b* of rubber cloth, lined on their inner faces with a protecting material and extending entirely around the inside of the legs at the knees and secured thereto, substantially as described, and for the purpose set forth.

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Witnesses:

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