

W. C. H. P. & F. A. HEDGECOCK.

SHOE.

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1,138,473.

Patented May 4, 1915.

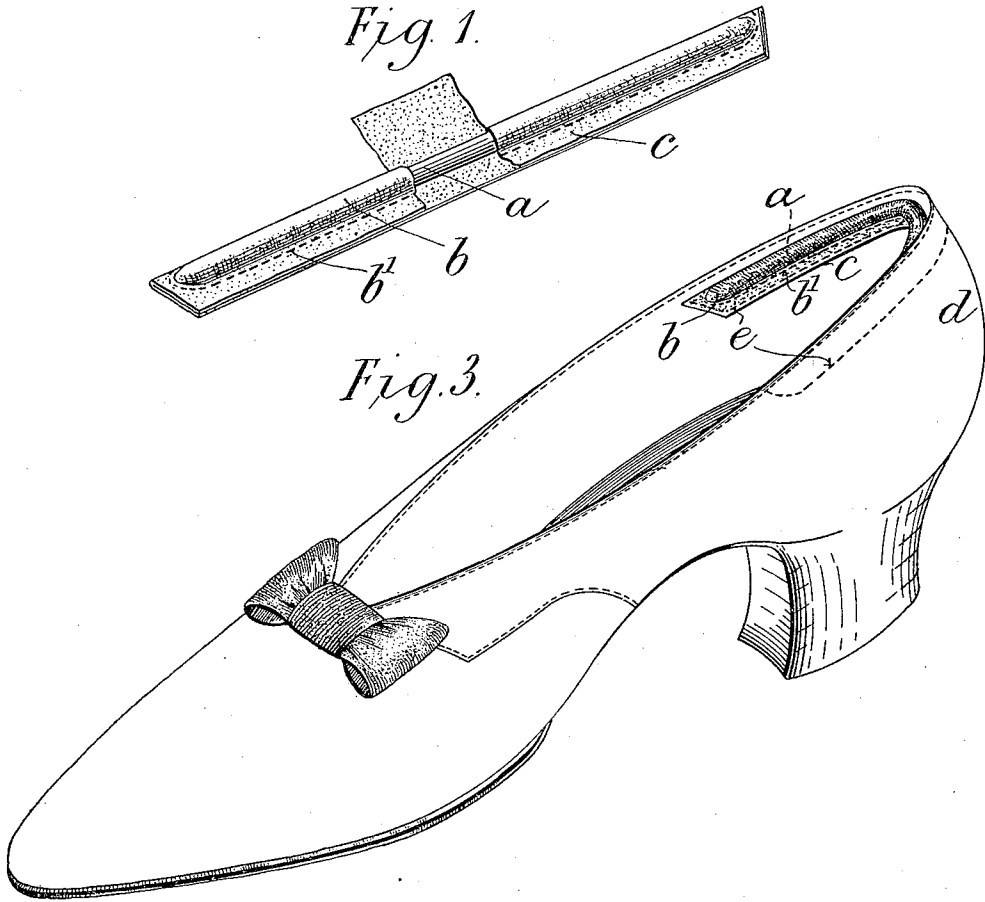


Fig. 2.

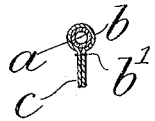


Fig. 4.

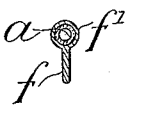
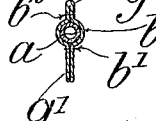


Fig. 5.



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# UNITED STATES PATENT OFFICE.

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SHOE.

1,138,473.

Specification of Letters Patent.

Patented May 4, 1915.

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*To all whom it may concern:*

Be it known that we, WILLIAM CHARLES HENRY POLDEN HEDGE COCK and FLORENCE AMY HEDGE COCK, subjects of the King of Great Britain and Ireland, residing at Brighton, in the county of Sussex, England, have invented Improvements in or Relating to Shoes, of which the following is a specification.

10 The object of the present invention is to provide improved means for increasing the hold of a shoe upon the foot above the heel for the purpose of preventing the shoe slipping up and down on the heel and causing 15 discomfort and rapid wear of the foot covering and lining of the shoe.

The improved holding means or device is made in the form of a marginal cushion which can be readily applied to the upper 20 edge portion of the shoe at the inside thereof either during the manufacture of the shoe or subsequently. To this end the improved holding device comprises a length of rubber tubing incased in velvet or other suitable 25 material having an edge portion or portions adapted to be sewn or otherwise attached to and around the top inside edge portion of the heel of the shoe.

30 In the accompanying drawings, Figure 1 is an elevation of the improved holding device alone. Fig. 2 is a cross section thereof and Fig. 3 is a perspective view of a shoe with the improved holding device applied thereto. Figs. 4 and 5 are cross sections 35 of modified forms of holding devices.

As shown in Figs. 1, 2 and 3 the rubber tube *a* of the holding device is laid upon a strip *b* of velvet, chamois leather, or other suitable fabric or material (hereinafter referred to generally as covering material) but 40 preferably having a soft nature like velvet or chamois leather, which is then doubled or folded around the tube as shown and the two layers of material stitched, as at *b*<sup>1</sup>, or otherwise secured together to hold the rubber tube in place and leave a flange portion 45 *c* for attachment to the shoe. The length of the rubber tube *a* and its covering *b* is such as to extend well around the heel portion *d* of the shoe as shown. In Fig. 3 the attachment of the holding device to the shoe is shown as effected by stitching at *e*. The two 50 thicknesses of material forming the flange portion *c* may be caused to adhere to one another by adhesive material. The free edge

of the flange portion *c* may also be caused by adhesive material to closely adhere to the inner surface or lining of the heel portion *d* of the shoe so as to remain closely against the same and form a smooth surface there- 60 with and present a neat appearance. In Fig. 4 the rubber tube *a* is drawn into a tubular or pocket portion *f*' that is woven or otherwise formed at the edge of a strip *f*' of textile material or fabric.

In Fig. 5 the covering material *b* is doubled or folded around the tube *a* and stitched as at *b*<sup>1</sup>, *b*<sup>2</sup> in such a manner, as shown, as to form opposite flanges *g*, *g*<sup>1</sup> for attachment 70 to the shoe above and below the tubular cushioning portion of the device formed by the covered tube *a*. The tubing *a* may be hermetically closed at its ends and be wholly inclosed in the covering *b*.

What we claim is:—

1. The combination with a shoe, of a marginal holding device comprising a length of rubber tubing and a covering material incasing said tubing and attached around the top inside edge portion of the shoe heel. 80

2. The combination with a shoe, of a marginal holding device comprising a length of rubber tubing and covering material incasing said tubing and having upper and lower marginal portions for attachment around 85 the top inside edge portion of the shoe heel.

3. The combination with a shoe, of a marginal holding device comprising a length of rubber tubing, a length of covering material doubled over to incase the said tubing, at 90 the same time leaving an attaching flange, and means securing said flange around the top inside edge portion of the shoe heel.

4. The combination with a shoe, of a marginal holding device comprising a length of 95 rubber tubing, a length of covering material doubled over to incase the said tubing, at the same time leaving attaching flange portions and means securing said flange portion around the top inside edge portion of 100 the shoe heel.

5. In a shoe, means for holding the shoe firmly upon the foot, comprising a length of rubber tubing and covering material inclosing said tubing and having a marginal 105 flange for attachment to the shoe.

6. In a shoe, means for holding the shoe firmly upon the foot, comprising a length of rubber tubing and a strip of covering material doubled over said tubing and stitched 110

to leave marginal material for attachment to the shoe.

7. In a shoe, means for holding the shoe firmly upon the foot, comprising a length of rubber tubing and covering material inclosing said tubing and having marginal flanges for attachment to the shoe.

8. As a new article of manufacture, means for holding a shoe firmly upon the foot comprising a length of rubber tubing sufficient to extend around the top inside edge portion of a shoe heel and covering material inclosing said tubing and having a marginal flange for attachment to a shoe heel.

9. As a new article of manufacture, means

for holding a shoe firmly upon the foot comprising a length of rubber tubing sufficient to extend around the top inside edge portion of a shoe heel and covering material inclosing said tubing and having upper and lower marginal flanges for attachment to a shoe heel.

Signed at London, England, this 13th day of January, 1915.

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Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."