

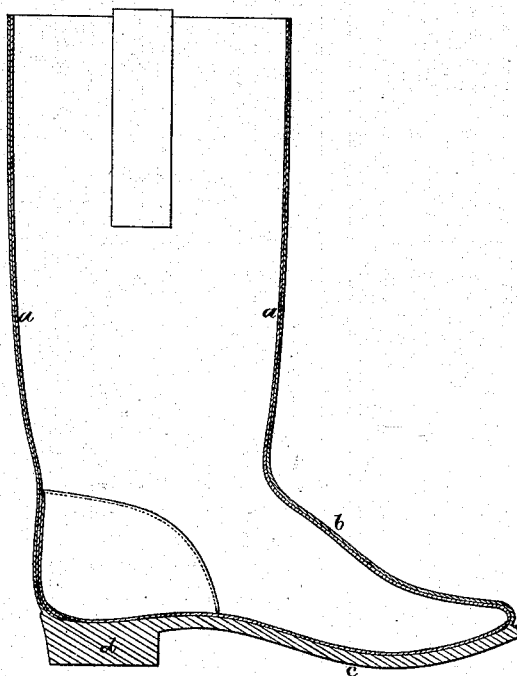
(No Model.)

H. F. C. PEARSON.  
WATER PROOF BOOT OR SHOE.

No. 261,952.

Patented Aug. 1, 1882.

*Fig. 1.*



*Fig. 2.*



*Witnesses*

*S. N. Piper*  
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*Henry F. C. Pearson.*

*by R. H. Sady atty.*

# UNITED STATES PATENT OFFICE.

HENRY F. C. PEARSON, OF ANDOVER, MASSACHUSETTS.

## WATER-PROOF BOOT OR SHOE.

SPECIFICATION forming part of Letters Patent No. 261,952, dated August 1, 1882.

Application filed June 14, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY F. C. PEARSON, of Andover, in the county of Essex, of the State of Massachusetts, have invented a new and useful Improvement in Boots or Shoes; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 denotes a longitudinal and Fig. 2 a transverse section of a boot of my invention.

In making water-proof shoes or boots of the composition known as "vulcanizable india-rubber" it has been customary to line them with cloth or a material that would endure without injury the heat necessary to the performance of the vulcanizing of the rubber or water-proof composition. For such purpose leather has not, to my knowledge, been employed, as it will not withstand the temperature of vulcanization without injury; but leather as a lining for a water-proof boot is much preferable to cloth, because it is more comfortable to wear and enables the boot to be easier drawn on or off the foot of a person. I have therefore sought to produce a water-proof vulcanized rubber boot or shoe having a lining of leather; and in carrying out my invention I do not cement the lining to the rubber upper and sole and afterward subject them so connected to the vulcanizing process, but after having formed or made the leather lining and applied it to a last or boot-tree I with water-proof cement apply to such lining and to each other the upper and sole composed of vulcanized rubber. In this way I

completely avoid subjecting the lining to the heat of vulcanization. The flesh side of the leather I usually place next to the rubber, in order for the smooth or hair side to be next the stocking when the boot or shoe may be upon the foot of a person.

In the drawings, *a* denotes the leather lining; *b*, the upper; *c*, the sole, and *d* the heel, such upper, sole, and heel being of india-rubber vulcanized before being cemented to each other and to the leather lining.

I have found that a water-proof or vulcanized rubber boot or shoe of my invention can be easily and durably made, and not only in most, if not all cases, present a better appearance than one lined with cloth and afterward vulcanized, but have important advantages over such.

I do not claim the mere substitution of leather for cloth as a lining for water-proof boots or shoes; nor do I claim a boot or shoe having a lining of cloth and an upper and sole of a vulcanizable material or composition vulcanized after being combined with the cloth lining.

I claim—

As an improved article of manufacture, a rubber boot or shoe provided with a lining of leather secured to the vulcanized stock by means of water-proof cement, substantially as set forth.

HENRY F. C. PEARSON.

Witnesses:

R. H. EDDY,  
S. N. PIPER.