(No Model.)

J. HILL.

INSOLE FOR BOOT OR SHOE.

No. 275,767. Patented Apr. 10, 1883.

Fig. 1.

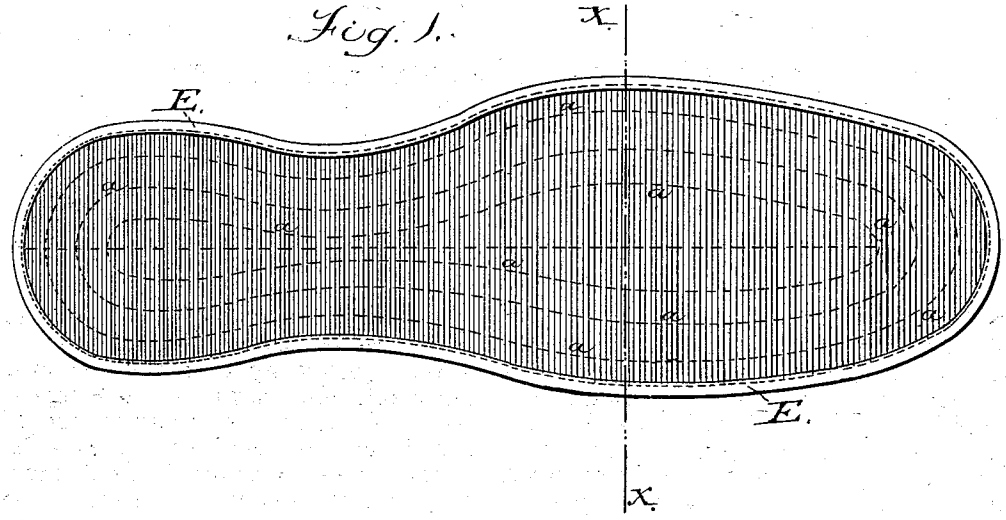
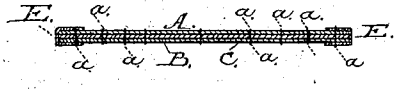


Fig. 2.



Witnesses;

S. Walter Fowler,

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Inventor;

John Hill

per Attys

A. H. Evans & Co

N. PETERS. Photo-Lithographer. Washington. D. C.

UNITED STATES PATENT OFFICE.

JOHN HILL, OF MINNEAPOLIS, MINNESOTA.

INSOLE FOR BOOT OR SHOE.

SPECIFICATION forming part of Letters Patent No. 275,767, dated April 10, 1883.

Application filed December 11, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOHN HILL, of Minneapolis, in the county of Hennepin and State of Minnesota, have invented a new and Improved Removable Insole for Boots and Shoes; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a plan of one side of the improved insole. Fig. 2 is a sectional view on line *x x* of Fig. 1.

Heretofore removable insoles for boots and shoes to raise the foot from close contact with the sole have been made in a number of ways and of a variety of materials, but have always been objectionable and unhealthy for many reasons. For instance, insoles made of kid, upon becoming damp from perspiration, will readily buckle or crease up and change both form and position beneath the wearer's foot, and cannot be cleansed from accumulated dirt by washing without destroying the shape and value of the insole. The well-known insole of cork and felt, known as "cork soles," are great absorbents of perspiration, but do not dry quickly, and any attempt to cleanse them by washing out the accumulations of perspiration simply ruins them for further use. Light rubber insoles have been used in boots for sportmen's wear, and may be cleansed, yet they are absolutely impervious to air and absorb none of the perspiration. Hence I observe that it is highly desirable for hygienic and economic reasons, as well as cleanliness, to provide an insole which will not rub up or buckle into ridges when damp from perspiration, which will absorb the perspiration, and which may be removed, thoroughly washed and dried, and returned, to be reused so long as may be desirable.

The object of my invention is to provide a removable insole having all the necessary prerequisites named for economy, comfort, health, and cleanliness; and it consists of a series of strata or layers of cotton duck cut in the proper conformation to fit on the interior surface of the sole, piled and quilted together, and subsequently bound by tape or other material along the edges.

In order that those skilled in the art may make and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A, B, and C illustrate a series of layers of cotton duck or similar fabric not injured by water, which have been cut in proper conformation, as seen in Fig. 1. These pieces are laid or piled upon each other and "quilted" together by numerous sewing-machine or other stitches, *a a*. The edges of the entire number of pieces or quilted structure are then bound with a suitable binding, E, when it is ready to be put upon the market.

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

As an improved article of manufacture, an insole for boots and shoes, consisting of a series of layers of cotton duck quilted together in a proper outline and with bound edges, as set forth.

In testimony that I claim the foregoing I have hereunto set my hand.

JOHN HILL.

Witnesses:

CHAS. D. MILLER,

JEROME G. LAYMAN.