

UNITED STATES PATENT OFFICE.

FRANCIS BRIGHAM, JOSEPH S. BRADLEY, WILBUR F. BRIGHAM, AND
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BOOT AND SHOE UPPER.

SPECIFICATION forming part of Letters Patent No. 224,269, dated February 10, 1880.

Application filed August 7, 1879.

To all whom it may concern:

Be it known that we, FRANCIS BRIGHAM, JOSEPH S. BRADLEY, WILBUR F. BRIGHAM, and WALDO B. BRIGHAM, all of Hudson, in the county of Middlesex and State of Massachusetts, have invented certain new and Improved Boot and Shoe Uppers; and we do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figures 1, 2, and 3 are plans of the pieces employed by us in constructing the uppers of boots and shoes by our improved method. Fig. 4 is a plan, showing the three parts combined to form an upper; and Fig. 5 is a side elevation, showing the side of the shoe or boot where the three pieces are applied.

The object of this invention is to economize material by cutting it so as to utilize the small pieces, and at the same time to produce a neat and handsome upper.

The invention consists in a three-part upper having the three parts formed and adapted to each other as herein shown and described.

In carrying this invention into practice, we first cut out the large piece A, shown in Fig. 1, and having the slit *a*. This forms the entire toe, instep, and sides of the boot or shoe, as well as one-half of the counter or quarter

and one side of the leg. The other side of the counter or quarter is formed by the smallest piece, B, and the other side of the leg by the piece C, these pieces being united as shown in Figs. 4 and 5. In this way all that part of the upper which, in wearing, is most liable to be exposed to view is constructed of clear leather or other material without seams, the seams all coming on the opposite side except the single vertical one at the heel. A neat and handsome boot or shoe is thus produced, and the material is worked into it with great economy and convenience.

Having thus described our invention, we claim as new—

As an improved article of manufacture, the improved boot or shoe having the entire toe, instep, and sides and one-half of the quarter and one side of the leg formed in one piece, A, and the other side of the quarter formed of the piece B, and the other side of the leg of the piece C, substantially as described.

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Witnesses:

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