

United States Patent Office.

WILLIAM E. PRALL, OF WASHINGTON, DISTRICT OF COLUMBIA.

Letters Patent No. 107,537, dated September 20, 1870.

IMPROVEMENT IN INSIDE SOLES FOR BOOTS AND SHOES.

The Schedule referred to in these Letters Patent and making part of the same.

I, WILLIAM E. PRALL, of Washington, District of Columbia, have invented certain Improvements in Inside Soles for Boots and Shoes, of which the following is a specification.

The nature of my invention consists in the construction of inside soles for boots and shoes, by quilting feathers between two pieces of cloth, or other materials, or by otherwise fastening the material so as to form a sack which will confine the feathers to their proper place. The stitching through the feathers has the effect to stiffen the sole, also, which prevents it from folding under the foot.

Soles constructed in this manner, and of this mate-

rial, are light, soft, and elastic, also a most perfect non-conductor. Oil-cloth may be used for the under side.

I claim as my invention—

The construction of inside soles for boots and shoes, by quilting or otherwise fastening feathers between material which will confine them, as shown and described.

WM. E. PRALL.

Witnesses:

H. S. MILLER,
J. C. WILDMAN.