

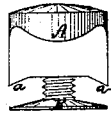
*A. Patten,*

*Shoe Lacing Hook.*

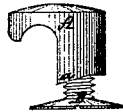
*No. 109,933.*

*Patented Dec. 6. 1870.*

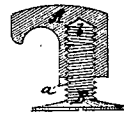
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Witnesses*

*S. H. Piper*  
*J. H. Snow*

*A. Patten.*

*by his attorney.*

*W. H. Cady*

# United States Patent Office.

ALPHONSO PATTEN, OF BIDDEFORD, MAINE, ASSIGNOR TO HIMSELF AND  
ROBERT W. RUMERY, OF SAME PLACE.

Letters Patent No. 109,933, dated December 6, 1870.

## IMPROVEMENT IN SHOE-LACING HOOKS.

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

*To all persons to whom these presents may come:*

Be it known that I, ALPHONSO PATTEN, of Biddeford, in the county of York and State of Maine, have invented a new and useful Shoe-Lacing Hooked Stud; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawing making part thereof, and of which—

Figure 1 is a front elevation;

Figure 2, a side view; and

Figure 3, a transverse section, on an enlarged scale, of the said fastening.

In carrying out my invention I form the head A as a prismatic or cylindrical hook, having two dents, *a a*, at its base, and also with a screw-hole, *b*, made upward in the head from its base, such screw-hole being to receive a headed male-screw, B, which, after having been passed through a hole in the upper of a shoe, is to be screwed into the head A, so as to draw it closely down upon the leather, the dents or spurs *a*

servng to so fix the head as to prevent it from being revolved on the leather by the strain of the lacing.

I am aware of the lacing-studs described in the United States Patent 42,517 and 77,421, which, although in some respects are analogous to my invention, yet differ materially from it, one very important point of difference being that neither of such studs of such patents has any dents arranged upon it in manner and for the purpose in which are those of my improved or new lasting-stud; therefore, while I make no claim to either of the said lacing-studs exhibited in such patents,

I claim—

As a new manufacture, the lacing-fastening, as made with the dents and in other respects as hereinbefore described, and as represented in the accompanying drawing.

Witnesses:

ALPHONSO PATTEN.

E. H. HAYES,  
DANIEL POND.