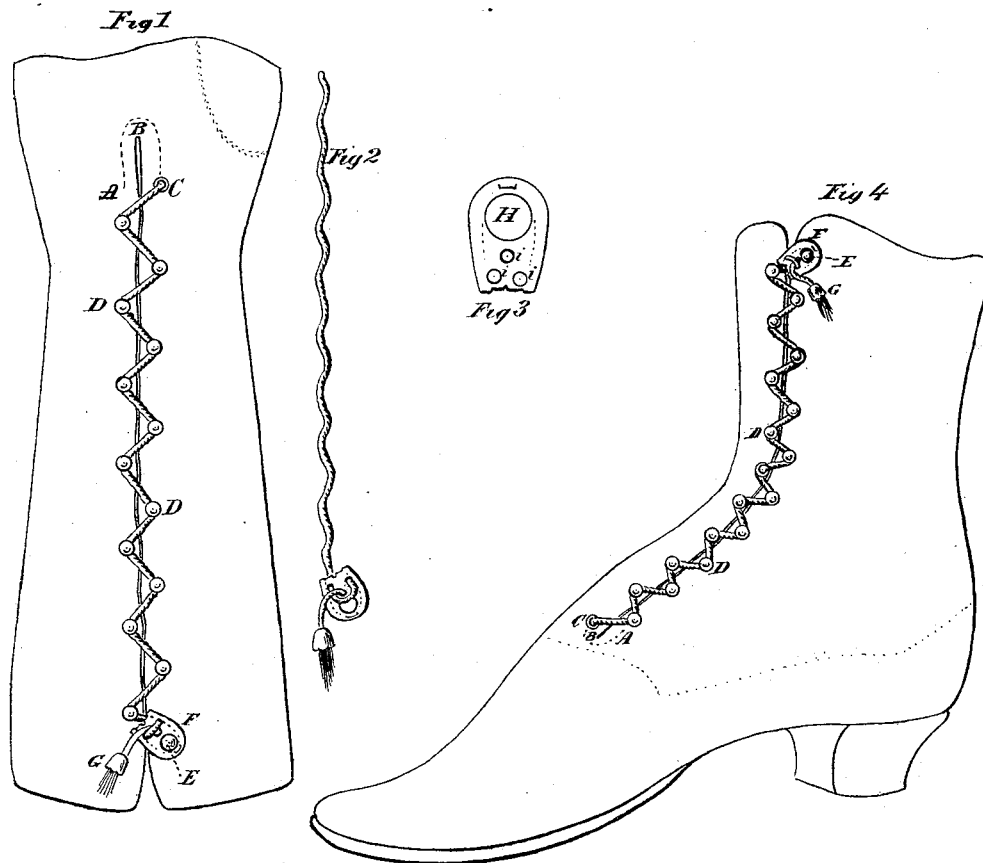


(No Model.)

H. W. DUCKER.
GLOVE OR BOOT FASTENING.

No. 262,653.

Patented Aug. 15, 1882.



WITNESSES:

James H. Hunter
Thos. Andrews

INVENTOR

Henry W. Ducker

UNITED STATES PATENT OFFICE.

HENRY W. DUCKER, OF NEW YORK, N. Y.

GLOVE OR BOOT FASTENING.

SPECIFICATION forming part of Letters Patent No. 262,653, dated August 15, 1882.

Application filed April 25, 1882. (No model.)

To all whom it may concern:

Be it known that I, HENRY W. DUCKER, a citizen of the United States, residing at New York, county and State of New York, have invented certain new and useful Improvements in Glove or Boot Fastenings, the construction and operation of which will be fully understood from the following description, reference being had to the accompanying drawings, making part of this specification.

Figures 1 and 4 are front and side views of a glove and a boot laced and fastened according to my invention. Fig. 2 is a lacing-cord furnished at one end with a tip to retain the knotted end of the cord and my adjustable fastening. Fig. 3 is the adjustable fastening device, made preferably from sheet-brass and in horse-shoe form.

The invention of my adjustable fastening device F, as shown at Fig. 3, remedies the many existing difficulties attending single-cord lacing combinations and avoids the use of lacing with double cord, and my method of staying the lower part of the opening of a glove or boot by attaching one end of the cord to and around it at the inside prevents the usual tearing of the material at this point when subject to severe strain.

I attach, as shown at Figs. 1 and 4, to each side of the glove or boot opening B, preferably in diagonal form, one or more eyelets, C, together with a series of lacing-studs, D, D, and E, preferably my own, patented November 2, 1880, No. 234,005. I then insert through the lower eyelet, C, one end of the lacing-cord A, and firmly attach it to and around the inside edge of the binding at the lower part of the opening B and back to the eyelet C, as shown by dotted lines, thereby effectually staying this part of the glove or boot and preventing the material from tearing when subjected

to excessive strain. The lacing-cord is then passed around each stud and tightly drawn in the usual manner until the last one, E, is reached. At this point it is furnished with the metallic tip G and the adjustable fastening device F, which is passed over the head of the stud by the hole H. (Shown at Fig. 3.) A slight pull upon the cord at tip G will then effect a positive fastening at the desired tension.

The adjustable fastening device F, Fig. 3, is preferably made from sheet-brass, and is of one piece only. Four holes are punched or drilled out of it, as shown, the larger one being of size adequate to pass over and be held by the head of the lacing-stud to be used. The same rule respecting the size of cord will govern the size of the three holes *i i i*, which are threaded in the manner shown at Fig. 2, which is as follows: Pass the cord through the upper hole, 60 return it through either of the other two lower holes; and regulate for either a right or left fastening, as may be desired, by passing it through the remaining hole. The device so laced effects a positive tension by overlapping the cord a little above the tip G.

Having thus described my invention, the following is what I do claim as new therein and desire to secure by Letters Patent for the herein-specified and other analogous purposes, viz:

An adjustable securing device for glove or shoe laces, which consists of the plate F, provided with the aperture H for attaching the same to a suitable stud on the shoe or glove, and the small holes *i i i*, through which the lacing-cord is passed, as described, and adjustably secured therein, all for the purposes set forth.

HENRY W. DUCKER.

Witnesses:

JAMES H. HUNTER,
THOMAS ANDREWS.