(No Model.)

D. S. GRANT.

SHOE NAIL STRIP.

No. 377,804. Patented Feb. 14, 1888.

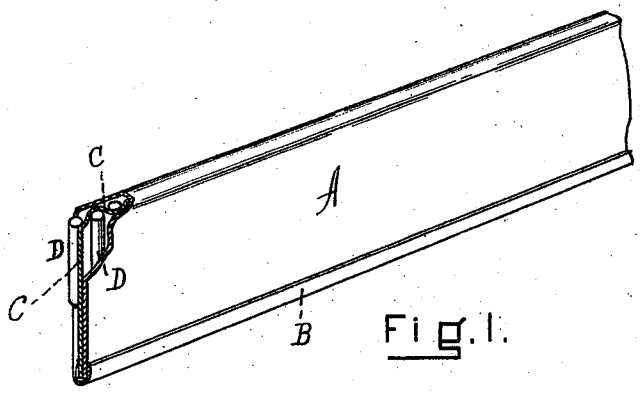


Fig. 1.

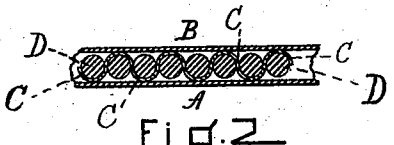


Fig. 2

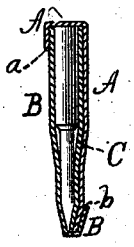


Fig. 3.

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UNITED STATES PATENT OFFICE.

DAVID S. GRANT, OF LAWRENCE, MASSACHUSETTS.

SHOE-NAIL STRIP.

SPECIFICATION forming part of Letters Patent No. 377,804, dated February 14, 1888.

Application filed December 1, 1887. Serial No. 256,639. (No model.)

To all whom it may concern:

Be it known that I, DAVID S. GRANT, of Lawrence, in the county of Essex and State of Massachusetts, have invented a new and Improved Shoe-Nail Strip for Feeding Nails into Shoe-Nailing Machines, of which the following is a specification.

In the accompanying drawings, in which similar letters of reference indicate like parts, Figure 1 is a perspective view of my improved strip, a small portion being represented as having been torn away. Fig. 2 is a horizontal section of a portion of my strip. Fig. 3 is a transverse vertical section of the same.

The envelope or wrapper of this strip consists of two long strips of paper, A and B. The strip of paper A forms one side of the wrapper, extends over the top, and overlaps at *a* the other strip of paper, B, which forms the other side of the wrapper and overlaps the strip A at *b*. The two strips are secured to each other at *a* and *b* by suitable adhesive substance. Within the wrapper thus formed is a corrugated pasteboard strip, C, and in each fold or corrugation of this strip lies a shoe-nail, D. Thus it will be seen that no two shoe-nails touch each other, but each is completely separate from all others. Now this strip is fed into a suitable machine, which tears away the wrapper and the corrugated strip as fast as the nails are driven into the shoe-soles.

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

The herein-described shoe-nail strip for feeding nails into shoe-nailing machines, the same consisting, essentially, of the wrapper A B and the corrugated strip C, placed longitudinally within said wrapper and having the spaces upon each side of the strip formed by its corrugations filled by the shoe-nails, substantially as and for the purpose set forth.

DAVID S. GRANT.

Witnesses:

FRANK G. PARKER,

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