F. CUCINOTTA.

SPORTING SHOE.

APPLICATION FILED SEPT. 3, 1912. RENEWED DEC. 22, 1913.

1,088,328.

Patented Feb. 24, 1914.

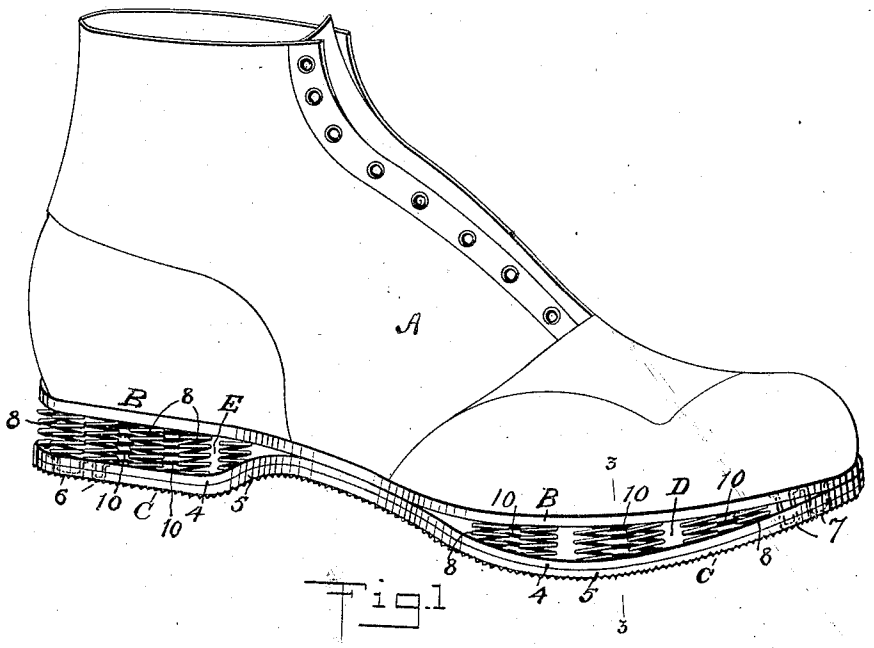


Fig. 1

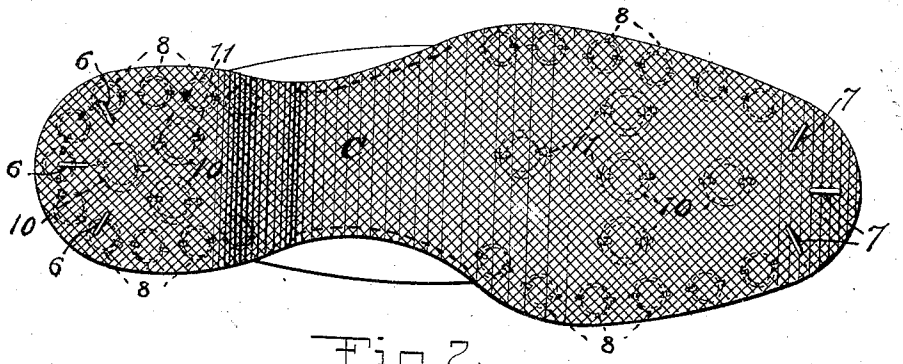


Fig. 2

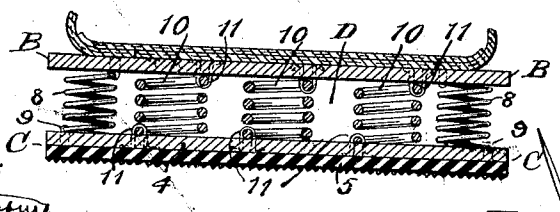


Fig. 3

WITNESSES:

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FRANCESCO CUCINOTTA, OF NEW YORK, N. Y.

SPORTING-SHOE.

1,088,328. Specification of Letters Patent. Patented Feb. 24, 1914.

Application filed September 3, 1912, Serial No. 718,184. Renewed December 22, 1913. Serial No. 808,278.

To all whom it may concern:

Be it known that I, FRANCESCO CUCINOTTA, a subject of Italy, and resident of the city of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Sporting-Shoes, of which the following is a specification.

My invention relates to sporting or athletic shoes, and in general to such as used for running and jumping.

The object of my invention is to provide a cushioned shoe that will materially aid the athlete in finishing and winning a heat.

A further object of my invention is to provide a shoe that will minimize the jolt and jar of the body of the athlete.

A still further object of my invention is to provide a shoe where the cushion may be easily adjusted and where the outer sole can be removed when worn out and replaced by a new one.

The invention further consists of parts and combinations of parts all as more fully disclosed hereinafter and particularly pointed out in the claim.

Reference is to be had to the accompanying drawings, forming part of this specification in which similar characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a perspective view embodying my invention. Fig. 2 is an inverted plan view of same. Fig. 3 is a cross section taken on line 3—3 of Fig. 1.

To an ordinary sporting shoe A with its sole B is fastened an outer flexible sole C. This outer sole C is preferably made of one layer of leather 4 and one of rubber 5 cemented together. The heel portion thereof is additionally secured by clenched wire staples 6. The outer surface of the rubber portion of the sole C may be made in any approved form. The sole C is fastened to the shoe A at the toe with wire staples 7 clenched into the sole B, at the middle of the ball of the shoe A. The soles B and C are spread apart from each other forming a transverse opening D, which is deeper in the middle than at the ends, best shown in Fig. 1. At the arch of the shoe the soles B and C are cemented and sewed together. At the heel portion of the shoe the outer sole C is depressed, and spaced apart from the sole B thereby forming an open transverse pocket E. In the recesses D and E formed between the soles B and C, are spaced apart from each other at the outer edges of the shoe, a number of springs 8 which are held in place by wire staples 9 clenched into the soles B and C. In the center of the shoe between the outer rows of springs are spaced apart somewhat larger and stronger springs 10, also fastened to the soles B and C with clenched wire staples 11. The object of this is so as to sustain the largest portion of the weight in the center of the shoe. The springs along the outside edges of the pocket D are somewhat of a different length, that is, longer in the center than at the ends. The object of this is to give a more uniform cushion. The springs in the pocket E are about of the same length. In case of any adjustment to the spring cushion, it is only necessary to stretch the springs more or less, so as to give the required result.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent:

A sporting shoe, comprising, in combination with the usual outsole covering the entire bottom of the shoe, an additional sole attached to said outsole at the toe and shank portions thereof only, and cushion springs disposed between said soles under the ball and heel portions of the shoe.

Signed at New York city, in the county of New York, and State of New York, this 24th day of August, A. D. 1912.

FRANCESCO CUCINOTTA.

Witnesses:
JACOB SYANGA,
ROSARIO BRUNETTI.