

No. 866,423.

PATENTED SEPT. 17, 1907.

L. L. BELLATTY.
SAFETY TREAD.

APPLICATION FILED FEB. 23, 1907.

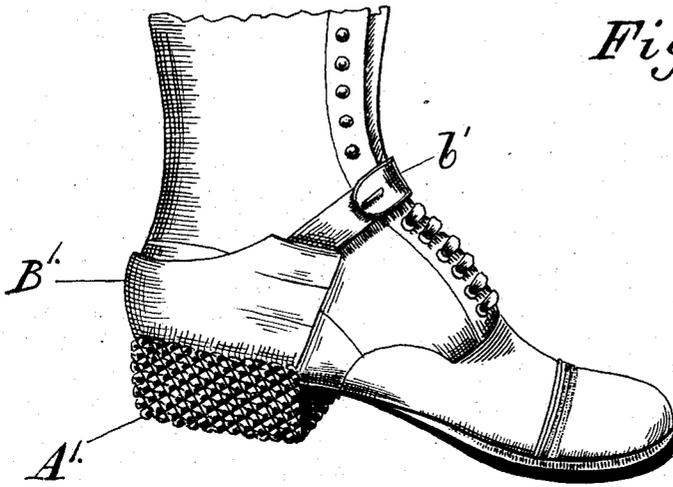
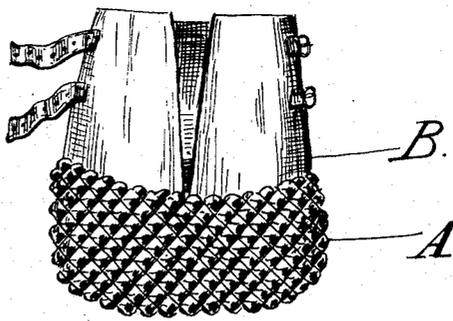
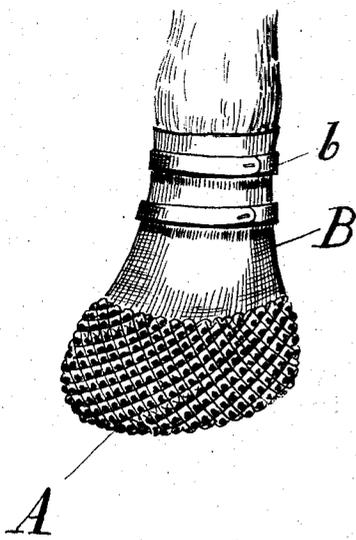


Fig. 3.

Fig. 1.

Fig. 2.



WITNESSES:
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SAFETY-TREAD.

No. 866,423.

Specification of Letters Patent.

Patented Sept. 17, 1907.

Application filed February 23, 1907. Serial No. 358,957.

To all whom it may concern:

Be it known that I, LOUIS L. BELLATTY, a citizen of the United States of America, and a resident of the borough of Brooklyn, of the city of New York, county and State of New York, have invented a certain new and useful Safety-Tread, of which the following is a specification, the same being a full, clear, and exact description of the device, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to protective coverings for the feet, and particularly to boots or slippers designed to afford a firm footing or secure hold in places where the smoothness of surface is such as to cause slipping or sliding, or to render a grip or solid hold difficult, and it has for its object the provision of a device of the class described, the same being of simple construction, and forming in operation a durable and efficient organization.

To attain the desired end, the invention consists in novel devices and combinations of devices as hereinafter explained.

In order to enable the invention to be more fully understood, I will proceed to explain the same by reference to the drawings which accompany and form a part of this specification, and in which

Figure 1 represents a side elevation of a safety tread constructed according to my invention and applied to a horse's foot; Fig. 2 is a rear view of the same detached from the animal; and Fig. 3 is a side elevation of another article embodying the invention and applied to a boot or shoe.

Like letters of reference indicate like parts in all the views.

Referring particularly by reference symbols or characters to the drawings, A denotes the lower part of my protective covering constructed and arranged to be worn by the animal in slippery places, where it is liable to slide or to lose footing, and consisting of a member formed of a chain web or mail constructed of interwoven metallic links, rings or scales, the metallic fabric being of suitable size to inclose the hoof and forming a sole therefor; and B designates the upper member thereof, preferably used in connection therewith, and ordinarily made of leather or other yielding mate-

rial, and having a slit ordinarily located in the rear part thereof, and widened as it approaches the top of the tread, and constructed and arranged when applied to the animal to conform in contour to the shape of the horse's leg, and to be fastened thereto, preferably at or near the fetlock, by straps b.

It will be seen that my safety tread may be easily applied to the horse's leg and readily detached therefrom, and that it is durable, and may be worn by the animal without any inconvenience, and also that the metal antislipping knobs, spurs or projecting portions of the chain web, each of which is movable relative to an adjacent one, provide bearing or retaining points which will afford a firm grip or solid hold possible in slippery places, which cannot be otherwise attained.

In Fig. 3 the safety tread is shown as applied to an ordinary boot or shoe, where the flexible metallic covering consists of a member A' formed of a chain web and designed to inclose the heel, which metallic member is preferably surmounted by a flexible band B', ordinarily made of leather, the whole being attached to the boot or shoe by means of a strap b'.

I wish it to be understood that I do not desire to be limited to the exact details of construction shown and described, for obvious modifications will occur to a person skilled in the art.

What I claim as my invention is:

1. A safety tread or creeper, comprising a flexible metallic body portion formed with a plurality of antislipping projecting spurs or retaining points, each of which is movable relative to an adjacent one.

2. A safety tread or creeper comprising a flexible metallic body portion formed with a plurality of antislipping projecting spurs or retaining points, each of which is movable relative to an adjacent one, and means to attach the same to the foot in a detachable relation.

3. A safety tread or creeper, comprising a flexible metallic body portion formed with a plurality of antislipping projecting spurs or retaining points, each of which is movable relative to an adjacent one, and an upper flexible member to pass around the foot.

In testimony of the foregoing specification, I do hereby sign the same in the borough of Manhattan of the city of New York, in the county and State of New York, this seventh day of February 1907.

LOUIS L. BELLATTY.

Witnesses:

ROB. SCHWARZ,
J. ODELL FOWLER.