

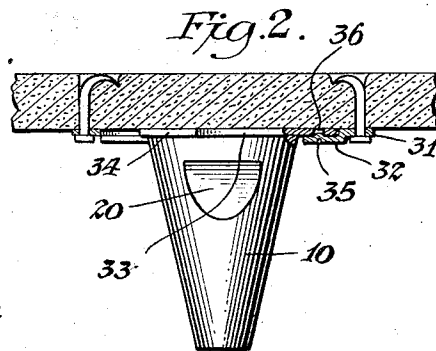
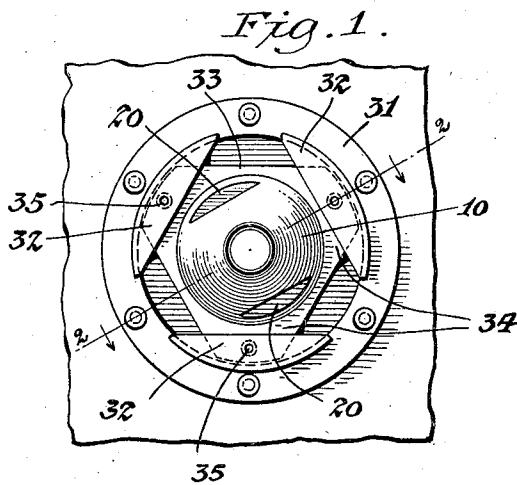
May 13, 1930.

G. L. PIERCE ET AL

1,758,408

CLEAT FOR SPORT SHOES

Filed Nov. 12, 1926



George L. Pierce and Harry V. Rice
Inventors
By their Attorneys *Frank Hunt*

UNITED STATES PATENT OFFICE

GEORGE L. PIERCE AND HENRY V. RAU, OF BROOKLYN, NEW YORK, ASSIGNORS TO
A. G. SPALDING & BROS., OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY

CLEAT FOR SPORT SHOES

Application filed November 12, 1926. Serial No. 147,899.

The object of this invention is the provision of a detachable cleat to be used on shoes for football and other outdoor sports. These games must be played upon fields that are subject to the vagaries of the climate and hence it becomes necessary at times to change the type of cleat worn in order to meet the various conditions of the playing surface. For this reason as well as to provide for replacement of worn cleats, the present invention provides a structure in which the cleats may be quickly removed and replaced.

A further aim is to provide a detachable cleat without in any way weakening the connection between the cleat and the sole of the shoe. In the present invention this is done by providing the base of the cleat with an outstanding flange and mounting on the sole a flange adapted to firmly grip the cleat flange.

While preferred embodiments have been disclosed for purposes of illustration, it will be clear that the structure may be changed without departing from the invention herein set forth.

In the drawings:

Fig. 1 is a plan view of a cleat embodying the invention;

Fig. 2 is a section on line 2—2 of Fig. 1.

The frusto-conical body 10 of the cleat is formed of molded rubber or other suitable material, and a metallic plate 33 is secured to the base of the cleat and extends beyond the sides thereof to form fastening means.

The base member comprises a ring 31 across the inner side of which extend raised chorded flanges 32. The plate 33 attached to the bottom of the cleat is formed of such a shape and size that it may be set into the ring 31 past the flanges 32 and has segmental flanges 34 adapted to engage under the flanges 32 upon rotation of the cleat. An indentation 35 is pressed into each flange 32 and engages an aperture 36 in the underlying flange 34 to prevent accidental rotation and disengagement of the parts.

We claim.

1. In a detachable cleat construction for shoes, a socket consisting of a metal plate having an annular rim portion lying in one plane

and provided with means for securing the socket to a shoe sole, said plate having a series of inwardly projecting lips spaced evenly about the rim and offset downwardly to lie in a second plane, and a cleat having a base member of general polygonal shape and of a size to fit within the rim of the first plate and pass between the lips thereof to lie in the plane of the rim portion, said cleat and base being rotatable to bring portions of the base above the said lips.

2. In a detachable cleat construction for shoes, a socket consisting of a metal plate having an annular rim portion lying in one plane and provided with means for securing the socket to a shoe sole, said plate having a series of inwardly projecting lips spaced evenly about the rim and offset downwardly to lie in a second plane, a cleat having a base member of general polygonal shape and of a size to fit within the rim of the first plate and pass between the lips thereof to lie in the plane of the rim portion, said cleat and base being rotatable to bring portions of the base above the said lips, and means to prevent accidental rotation of the base from beneath said lips.

3. In a detachable cleat construction for shoes, a socket consisting of a metal plate having an annular rim portion lying in one plane and provided with means for securing the socket to a shoe sole, said plate having a series of inwardly projecting lips spaced evenly about the rim and offset downwardly to lie in a second plane, said lips having straight inner edges arranged at 120 degrees to each other, and a cleat having a base member of six sided shape with the sides alternately arcs of a circle and segments of an equilateral triangle shape and of a size to fit within the rim of the first plate and pass between the lips thereof to lie in the plane of the rim portion, said cleat and base being rotatable to bring portions of the base above the said lips.

In testimony whereof we affix our signatures.

GEORGE L. PIERCE.
HENRY V. RAU.

55

60

65

70

75

80

85

90

95

100