

R. M. SELLERS.
CLUTCH SHOE.
APPLICATION FILED NOV. 4, 1907.

Patented June 15, 1909.

924,944.

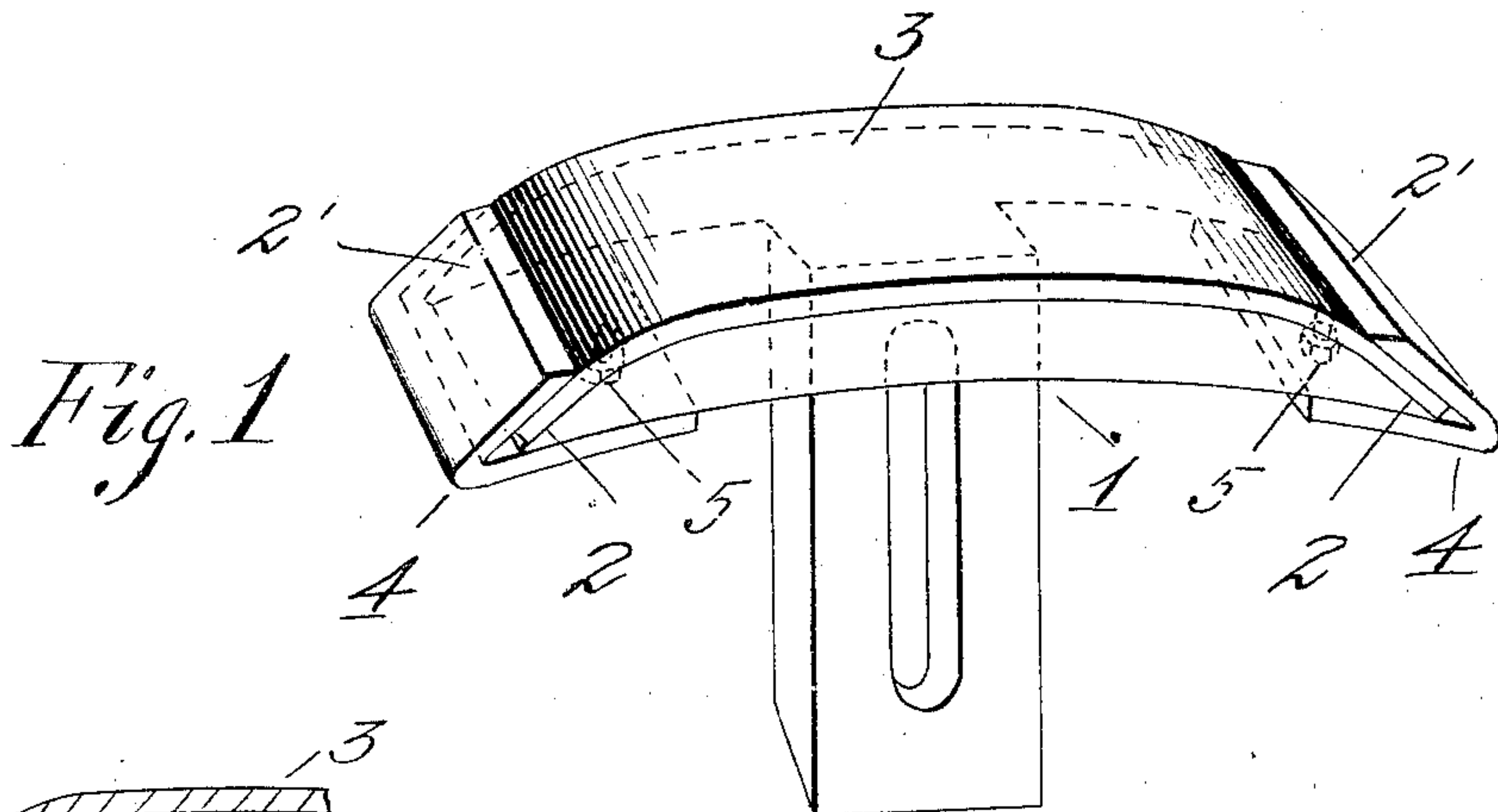


Fig. 1

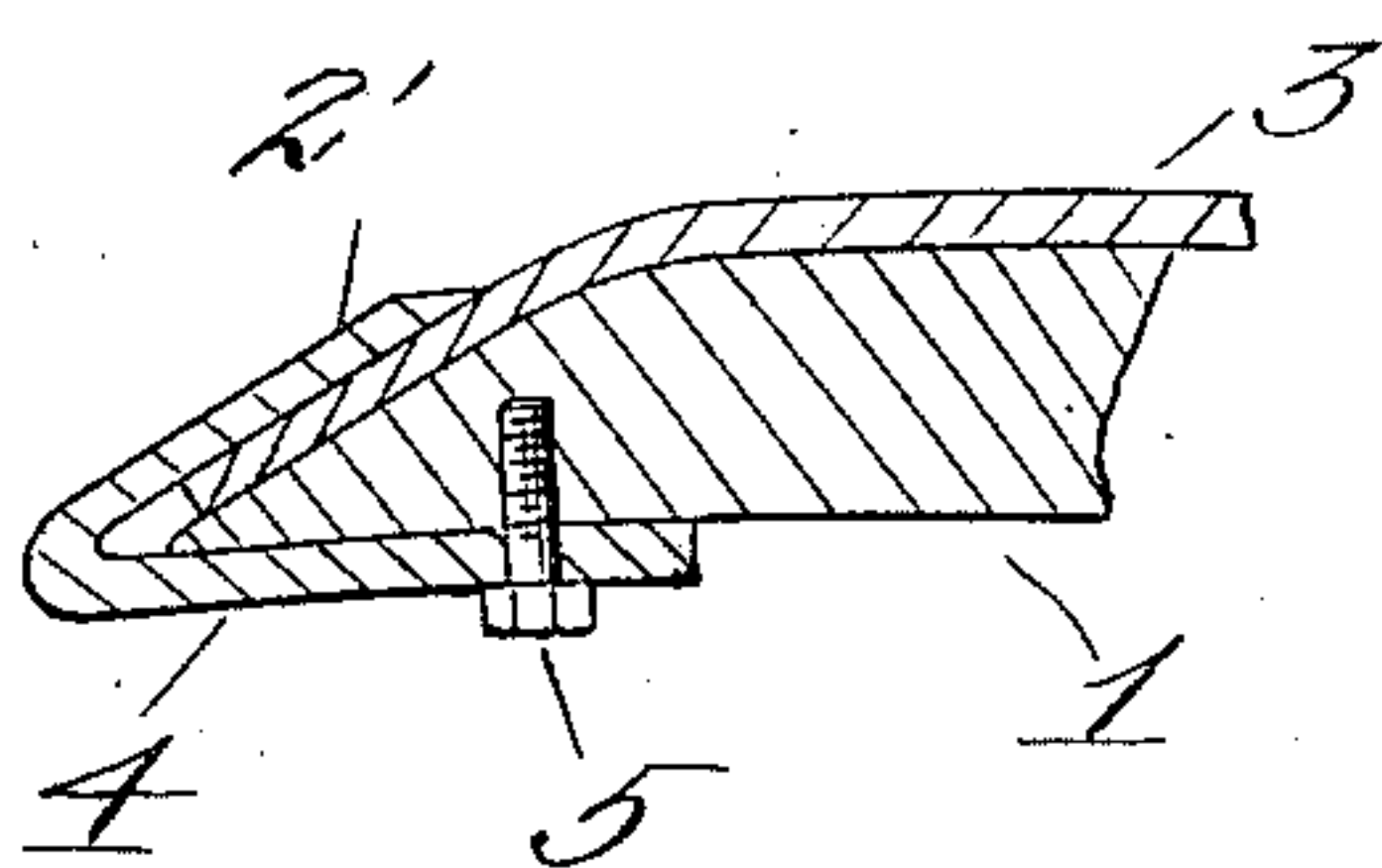


Fig. 2

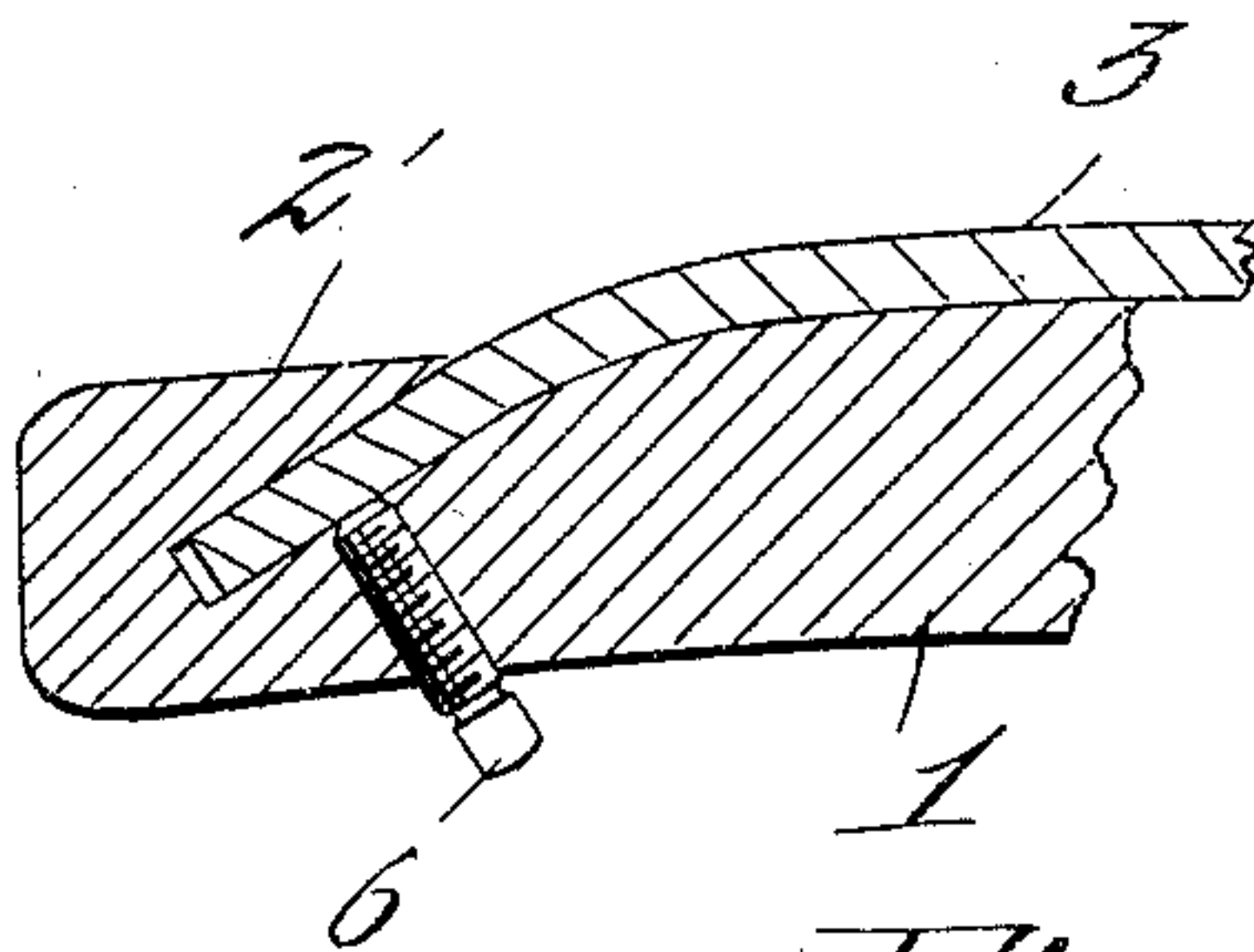


Fig. 4

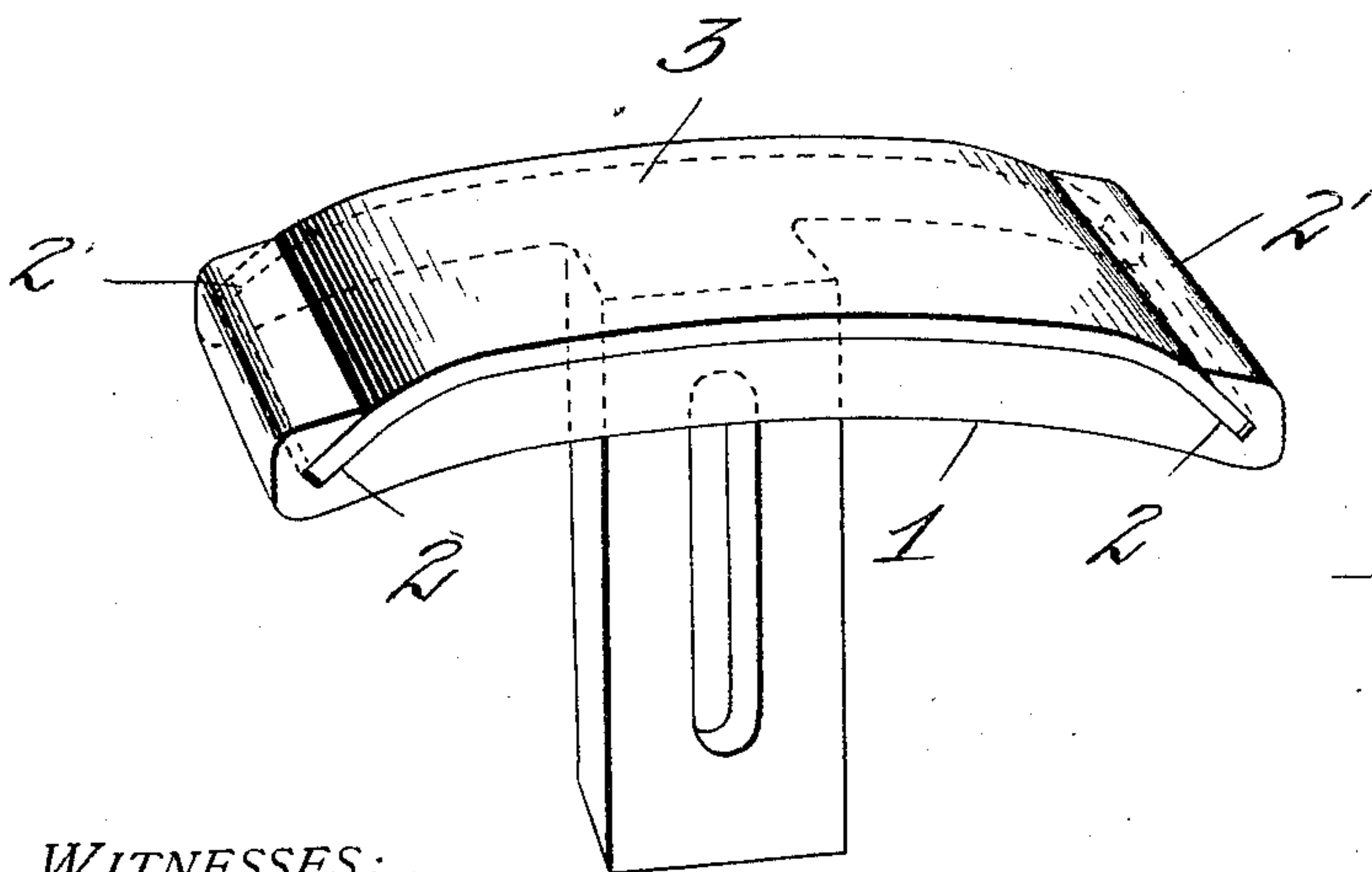


Fig. 3

WITNESSES:

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UNITED STATES PATENT OFFICE.

RUSSELL M. SELLERS, OF MARSHALL, OHIO.

CLUTCH-SHOE.

No. 924,944.

Specification of Letters Patent.

Patented June 15, 1909.

Application filed November 4, 1907. Serial No. 400,672.

To all whom it may concern:

Be it known that I, RUSSELL M. SELLERS, a citizen of the United States of America, and a resident of the city of Marshall, in the county of Highland, State of Ohio, have invented certain new and useful Improvements in Clutch-Shoes, of which the following is a specification.

My invention relates to improvements in shoes for clutches and has for its primary object the provision of an improved construction wherein the wearing strip or facing of the shoe can be readily secured in position and firmly held in such position so that it for its entire thickness can be worn away or utilized before necessitating the substitution of a new wearing strip or facing.

With the above and other objects in view, to be referred to as the description progresses, the invention resides in the structural features, arrangements of parts hereinafter described and succinctly defined in the appended claims.

Referring now to the accompanying drawing, in which like numerals of reference indicate like parts throughout: Figure 1 is a view in perspective of a clutch shoe provided with a wearing strip or facing arranged and secured in accordance with my invention. Fig. 2 is a fragmentary view thereof in longitudinal section. Fig. 3 is a view in perspective, illustrating more particularly a slightly modified form of clutch shoe, and Fig. 4 is a fragmentary view in longitudinal section of a clutch shoe provided with suitable securing means for the wearing strip or facing.

Reference numeral 1 indicates a clutch shoe of any desired construction, provided at its end portions with outwardly converging grooves or seats 2 and having an intermediate outer face curved slightly to conform to the curvature of the wheel (not shown), and disposed for its entire length outwardly of said end portions of the shoe. In the grooves or seats 2 are received the end portions of the wearing strip or facing 3.

The outer walls 2' of the grooves or seats 2 have their upper ends slightly beveled, as shown, and terminating a little below the up-

per or outer face of the shoe so as to lie below that portion of the wearing strip or facing arranged for engagement by the wheel, thereby permitting of said wearing strip or facing being utilized for its entire thickness as will be readily understood. Walls 2' may be either formed integral with the shoe, as illustrated in Figs. 3 and 4, or removable (see Figs. 1 and 2) in which latter construction said walls 2' are provided by angle plates 4, having their lower portions projecting beneath the shoe and removably secured thereto as by screws 5, or the like.

Wearing strip or facing 3, as now considered, is of a fibrous material and in operation this is preferably first softened, as by soaking the same in water, then arranged on the shoe with its end portions seated in grooves or seats 2, and allowed to set. One or more set screws, as 6 can be employed as an auxiliary securing means if desired. This however, under ordinary circumstances is unnecessary.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent of the United States of America, is:

1. A clutch shoe having end portions formed with grooves and an intermediate curved outer face disposed for its entire length outwardly of said end portions of the shoe, and a wearing strip extending over the curved outer face of said shoe and having its end portions bent inwardly and engaged in the grooves of the end-portions of said shoe.

2. A clutch shoe having a curved outer face, a wearing strip extending over said outer face of the shoe and having inturned end portions, and angle plates arranged at the end portions of said shoe below the curved outer face thereof and engaged with the inturned end portions of said wearing strip, the lower portions of said angle plates projecting beneath said shoe and being removably secured thereto.

Signed at Renton, Washington, this 21st day of October, 1907.

RUSSELL M. SELLERS.

Witnesses:

SIDNEY J. WILLIAMS,
GRACE H. WILLIAMS.