

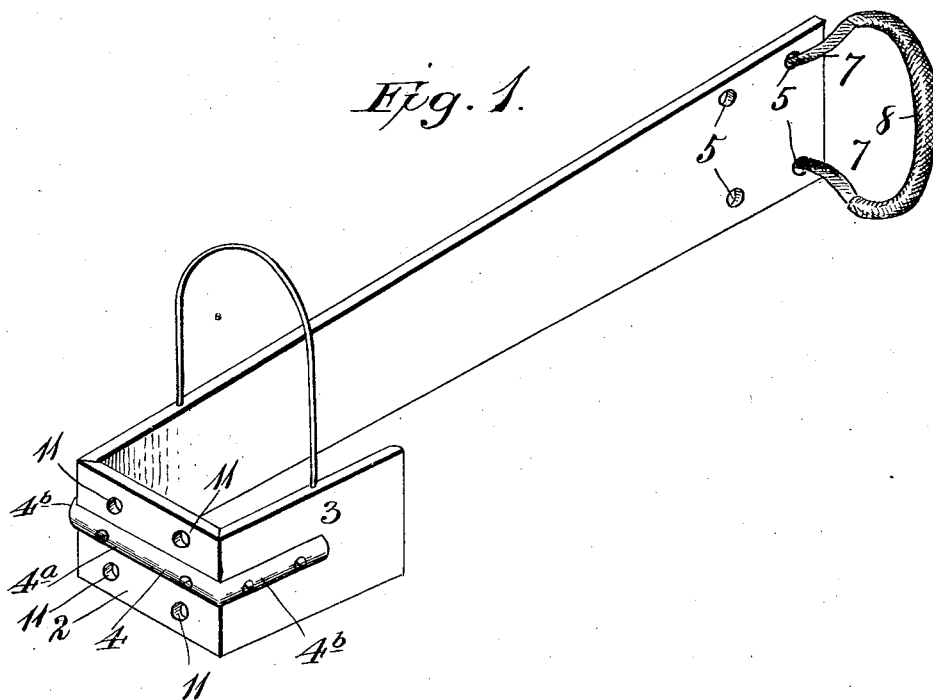
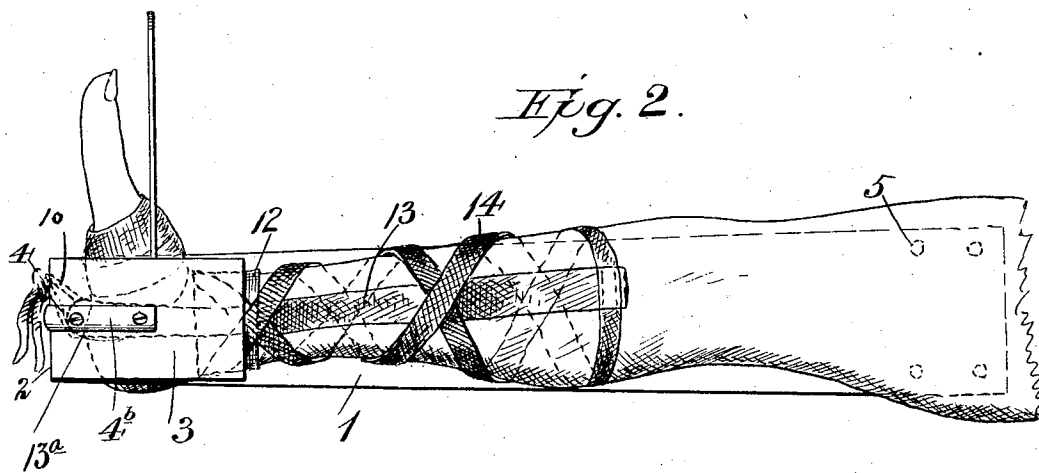
No. 739,200.

PATENTED SEPT. 15, 1903.

J. R. MOORE.
SPLINT.

APPLICATION FILED MAR. 16, 1903.

NO MODEL.



Witnesses:
H. L. Curand.

Frank G. Radelfinger

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UNITED STATES PATENT OFFICE.

JOHN R. MOORE, OF IRONWOOD, MICHIGAN.

SPLINT.

SPECIFICATION forming part of Letters Patent No. 739,200, dated September 15, 1903.

Application filed March 16 1903. Serial No. 148,079. (No model.)

To all whom it may concern:

Be it known that I, JOHN R. MOORE, a citizen of the United States, residing at Ironwood, in the county of Gogebic and State of Michigan, have invented new and useful Improvements in Splints, of which the following is a specification.

My invention relates to splints to be applied to fractured limbs to securely hold them in position while healing and keep the muscles taut to prevent the injured leg drawing up and becoming shorter than the other.

The simple and novel construction employed by me in carrying out my invention is fully described and claimed in this specification and illustrated in the accompanying drawings, forming a part thereof, in which—

Figure 1 is a perspective of my device. Fig. 2 is an edge view of the same attached to a patient.

The numeral 1 designates a leg-piece which is made long enough to extend from the bottom of the foot to the hip-joint or a little above. The piece 1 is about six inches wide at the upper end and tapers uniformly to the other end, where it is about half as wide; but these dimensions may be varied within considerable limits.

Secured to the lower end of the leg-piece 1 and extending at right angles thereto is a foot-piece 2, a little longer than the width of a foot, substantially parallel to the leg-piece 1, and secured to the free end of the foot-piece 2 is a guide-piece 3 to engage the side of the foot and hold the splint against turning. A yoke-shaped brace 4 is attached by its cross-bar 4^a to the foot-piece 2 and guide-piece 3 by its side bars 4^b.

Apertures 5 are formed in the upper end of the leg-piece 1 to serve to accommodate thongs or bands 7, which are connected to opposite ends of a roll 8 and are threaded through the apertures 6. The roll 8 is made of oiled silk stuffed with cotton and in combination with the bands 7 forms a perineal band. Apertures 11 are formed in the foot-piece 2 to accommodate bands 10.

In applying my device to a patient the ankle is encircled with a piece of adhesive plaster 12. A long heavy strip of cloth 13 is then taken and doubled in the middle to form a loop 13^a, which is placed beneath the foot, and the ends 13^b are passed under the adhesive plaster 12 and extended up the sides of the leg, after which a bandage 14 is applied to hold the ends 13^a in place. The foot is then rested on the foot-piece 2, and the perineal band adjusted with the roll 8 resting in the groin and the bands 7 pulled taut and knotted opposite the hip-joint. The bands 10 are then passed through the apertures 11 and loop 13^a and drawn to extend the limb to its natural length.

My splint is short enough so that it may be employed when the patient is lying on any kind of bed whether provided with a hinged footboard or not.

I do not wish to be limited as to details of construction, as these may be modified in many particulars without departing from the spirit of my invention.

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

In a splint, the combination of an apertured leg-piece tapering uniformly from end to end, an apertured foot-piece rigidly secured to the narrow end of said leg-piece and extending at right angles thereto, a guide-piece rigidly secured to the free end of said foot-piece and extending parallel to said leg-piece, a flexible roll, bands connected to said roll and passing through the apertures in said leg-piece to secure it in place, and bands passing through the apertures in said foot-piece to secure it to the foot of a patient, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN R. MOORE.

Witnesses:

CUSTER BUCK,
BELMONT WAPLES.