

No. 690,302.

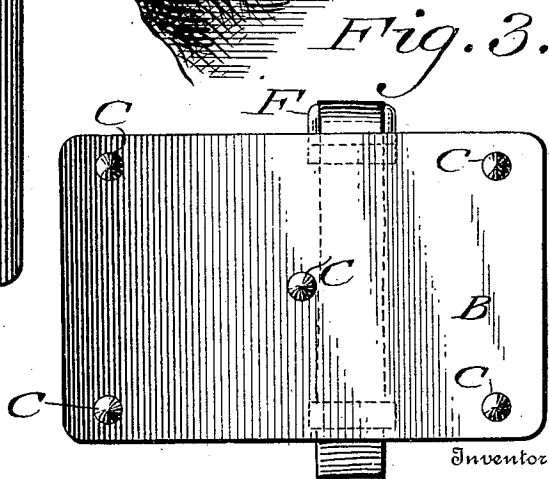
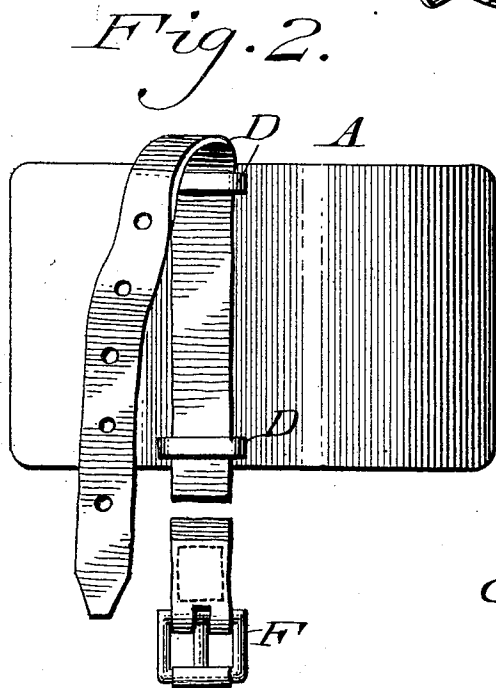
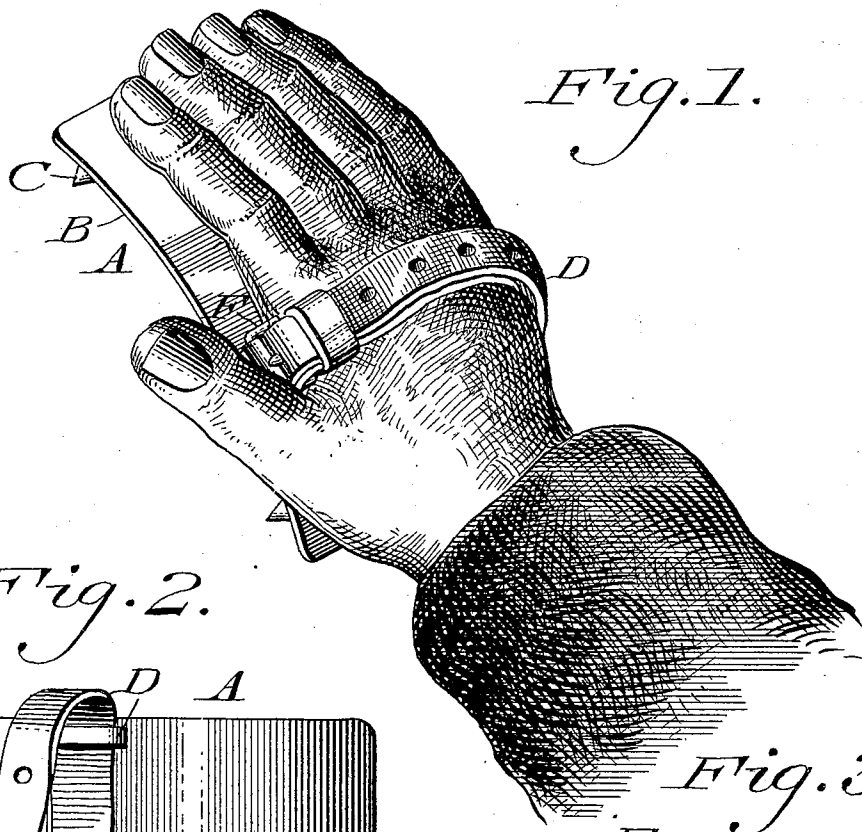
Patented Dec. 31, 1901.

W. L. LEE.

HAND GUARD FOR LINEMEN, &c.

(Application filed Sept. 28, 1901.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

WARREN L. LEE, OF CAMDEN, NEW JERSEY.

HAND-GUARD FOR LINEMEN, &c.

SPECIFICATION forming part of Letters Patent No. 690,302, dated December 31, 1901.

Application filed September 28, 1901. Serial No. 76,849. (No model.)

To all whom it may concern:

Be it known that I, WARREN L. LEE, a citizen of the United States, residing in the city and county of Camden, State of New Jersey, have invented a new and useful Improvement in Hand-Guards for Linemen, Sailors, and others in Climbing and Descending, of which the following is a specification.

My invention consists of a guard for linemen, sailors, and others in climbing and descending electrical and other wooden poles, masts, staffs, &c., the same being adapted to be worn on the hand, and thus nicely under control, provision being also made for exerting greater power on the guard, rendering the same most effective as it takes hold on said poles.

Figure 1 represents a perspective view of a guard embodying my invention. Fig. 2 represents an elevation taken from the back thereof. Fig. 3 represents a face view thereof.

Similar letters of reference indicate corresponding parts in the figures.

In the drawings, A designates a plate having its working face B curved to conform to a pole, mast, &c., to which it is to be presented, and studs or spurs C thereon. On the back of the plate are ears D, through which is passed the strap E, which is provided with a suitable buckle F, whereby the plate may be securely fastened to the hand of the user, it being seen that when the article is in use the plate is pressed against the pole, &c., and the spurs or studs may take firm hold of the same both in ascending or climbing and descending, rendering the work easy and preventing slipping, the guard being fully under control of the hand, adapted to be conveniently manipulated, and is effective in operation, while the thumb engages with the adjacent portion of the strap, thus rendering the plate fully controllable on the hand. The back of the plate is also curved, preferably similar to the face B, whereby the hand when

pressing against the same properly assumes a curve shape thereon and rests comfortable in position. The ears D are set eccentric or at one side of the center of the plate, by which provision a longer space is afforded for the contact of the fingers, whereby the latter obtain a greater purchase and leverage on the plate, and thus assisted by the action of the opposite wrist portion of the palm increased power may be exerted on the device to press it more firmly against the pole, &c., the effect of which is evident. It will also be seen that the hand is prevented from contacting with the pole, &c., and so guarded from any injury that might be occasioned by the same.

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

1. A guard for the purpose described consisting of a plate having a working face, a spur on said face, and means on the plate for attaching the same to the hand of the user, said working face being primarily curved to conform to a pole, mast, &c., to which it is presented.

2. A plate having a curved working face, a stud on the face thereof, ears on the back of said plate, and a buckled strap engaging said ears and being adapted to be passed around the back of the hand of the user from side to side of said plate, said parts being combined forming a guard applicable to the hand for climbing and descending a pole, &c.

3. A guard for the purpose described consisting of a plate, a spur on the face of said plate, and a strap for attaching said plate to the hand of the user, said strap being connected with said plate at a side of the center thereof, said plate having a curved working face.

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Witnesses:

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