

No. 620,741.

Patented Mar. 7, 1899.

C. H. COLE.  
CLIMBER.

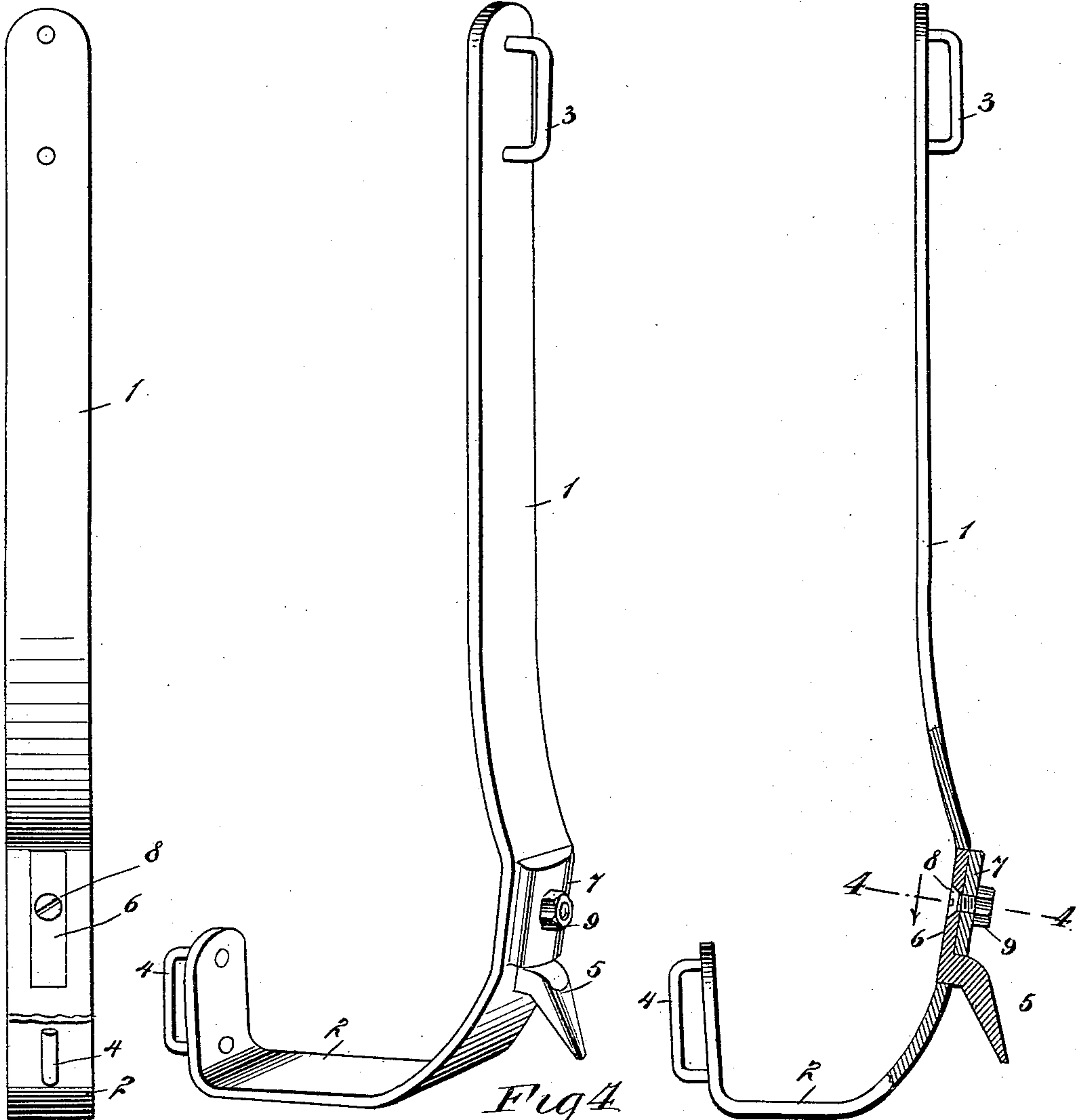
(Application filed Oct. 28, 1898.)

(No Model.)

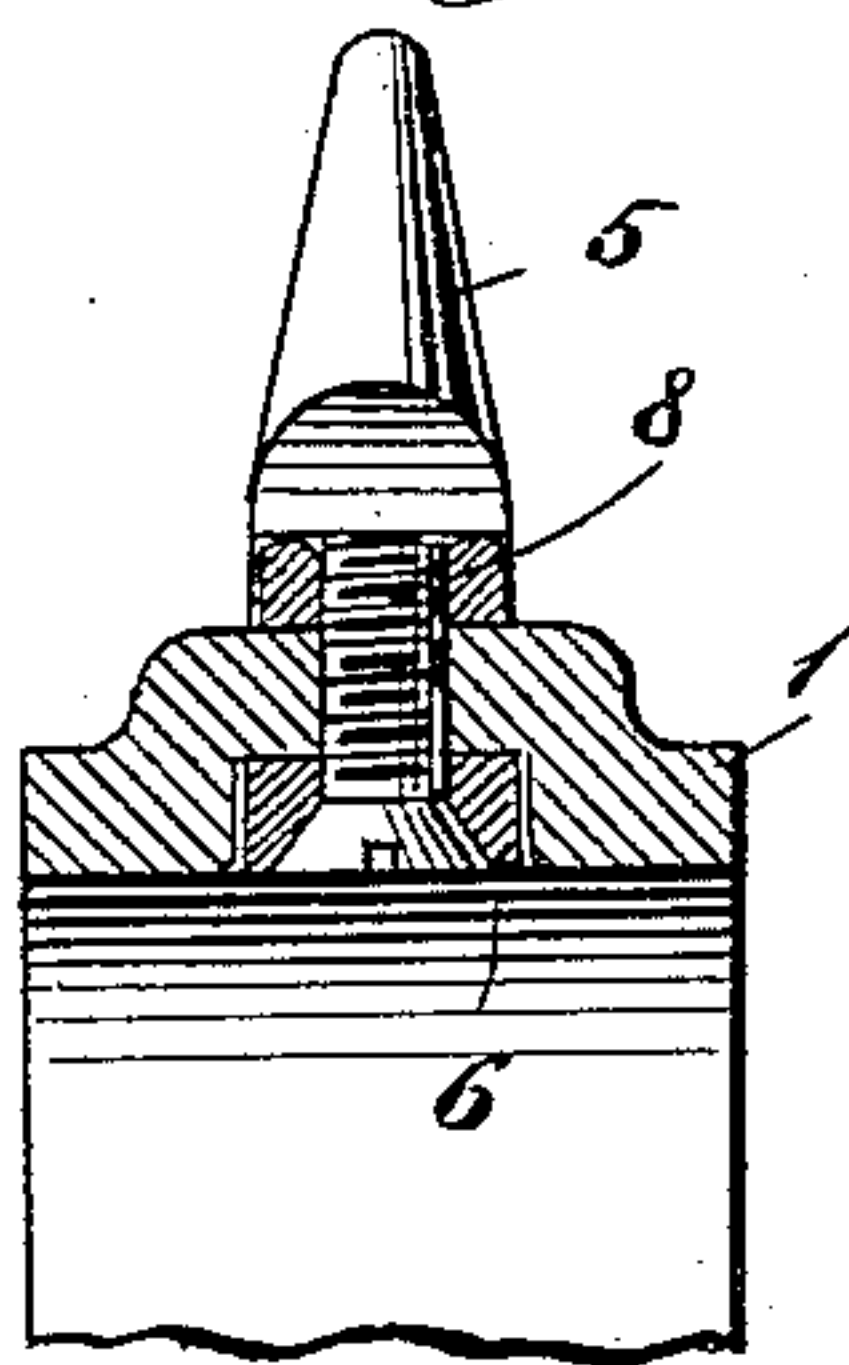
*Fig. 3.*

*Fig. 1.*

*Fig. 2.*



*Fig. 4.*



WITNESSES:  
*Paul Johst*  
*C. H. Ferguson*

INVENTOR  
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# UNITED STATES PATENT OFFICE.

CHARLES H. COLE, OF NEW YORK, N. Y.

## CLIMBER.

SPECIFICATION forming part of Letters Patent No. 620,741, dated March 7, 1899.

Application filed October 28, 1898. Serial No. 694,839. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES H. COLE, of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Climbers, of which the following is a full, clear, and exact description.

This invention relates to climbers used by riggers and linemen; and the object is to provide a climber having a spur that may be easily removed for the purpose of sharpening, repairing, or replacing.

I will describe a climber embodying my invention and then point out the novel features in the appended claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of a climber embodying my invention. Fig. 2 is a partial side elevation and partial section thereof. Fig. 3 is an inside elevation, and Fig. 4 is a section on the line 4 4 of Fig. 2.

The climber comprises a shank portion 1 and a stirrup 2 of the usual construction and having the loops 3 and 4, through which straps are passed for securing the device to the leg

and foot of a rigger or lineman. Removably attached to the shank portion is a spur 5. This spur 5 has a plate portion 6 extended through an opening at the lower end of the shank and engaging against the inner side of a boxing 7, formed on said shank by pressing the metal outward, and the parts are secured together by means of a screw 8, extended through a perforation in the plate portion and engaging a tapped hole in the wall of the boxing. For better security a nut 9 may be placed on the outer end of the screw.

It will be noted that when the spur is in position the inner surface of the shank is flush with the inner surface of the plate.

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

A climber, comprising a shank having an opening in its lower portion, a boxing, and a spur having a plate extended through said opening and secured in the boxing, substantially as specified.

CHARLES H. COLE.

Witnesses:

PETER HENRY,  
THOMAS F. CAMPION.