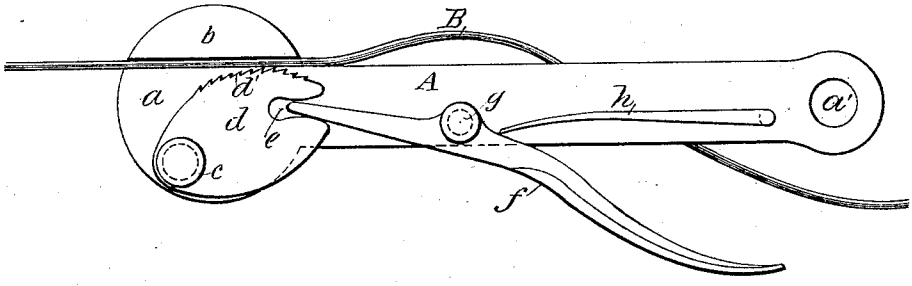
(No Model.)

A. B. FERDINAND.

WIRE STRETCHER.

No. 302,389. Patented July 22, 1884.



Witnesses:
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UNITED STATES PATENT OFFICE.

ANTHONY B. FERDINAND, OF OSHKOSH, WISCONSIN.

WIRE-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 302,389, dated July 22, 1884.

Application filed January 18, 1884. (No model.)

To all whom it may concern:

Be it known that I, ANTHONY B. FERDINAND, of Oshkosh, in the county of Winnebago, and in the State of Wisconsin, have invented certain new and useful Improvements in Wire-Stretchers; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to wire-stretchers, and will be fully described hereinafter.

In the drawing, which shows a side elevation of my device, A is the bearing-plate of my stretcher, having on its front end, *a*, preferably made circular, a flange, *b*, and a headed stud, *c*, on which is pivoted the jaw *d*. Said jaw *d* is serrated on its curved upper edge, *d'*, and has an open slot, *e*, in its free end, in which works the front end of a lever, *f*, fulcrumed on headed stud *g* of said bearing, plate A. A spring, *h*, suitably fastened on the rear end of said plate A, presses against the upper face of said lever *f*, and thereby the serrated jaw *d* is forced up against said flange *b*. For convenience in handling my stretcher a suitable strap or band is passed through an eye, *a'*, formed in the rear end of said plate A, or otherwise attached to the same. The spring *h* may be applied directly to the jaw.

In operating my stretcher, the free end of the lever *f* being pressed up against the spring *h*, the serrated jaw *d* is forced down from the flange *b*, and in the gap thus left between said flange *b* and the serrated edge of said jaw *d* the wire B is inserted. The lever *f* being now released by the operator, the spring *h* forces said jaw *d* up against the wire B, which is grasped to resist any amount of pulling, as the tighter it is pulled the tighter its grip will be.

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

In a wire-stretcher, the bearing-plate A, having flange *b*, headed stud *c*, and fulcrumed stud *g*, in combination with the pivoted jaw *d*, having serrated edge *d'* and open slot *e*, with lever *f* and spring *h*, substantially as shown and described, and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand, at Oshkosh, in the county of Winnebago and State of Wisconsin, in the presence of two witnesses.

ANTHONY B. FERDINAND.

Witnesses:

H. B. HARSHAW,

H. W. WRIGHT.