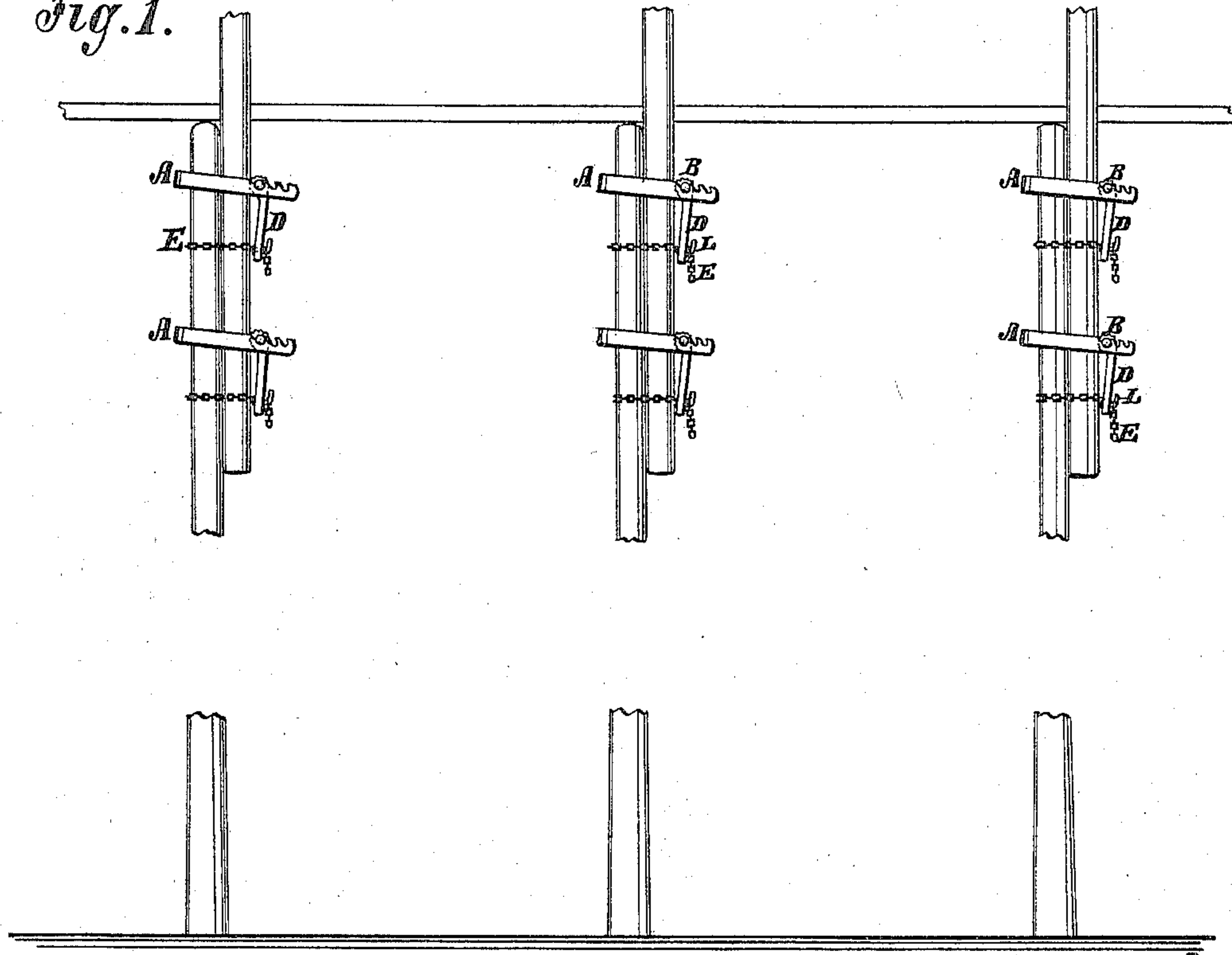


H. HAERING.  
Pole-Clamps.

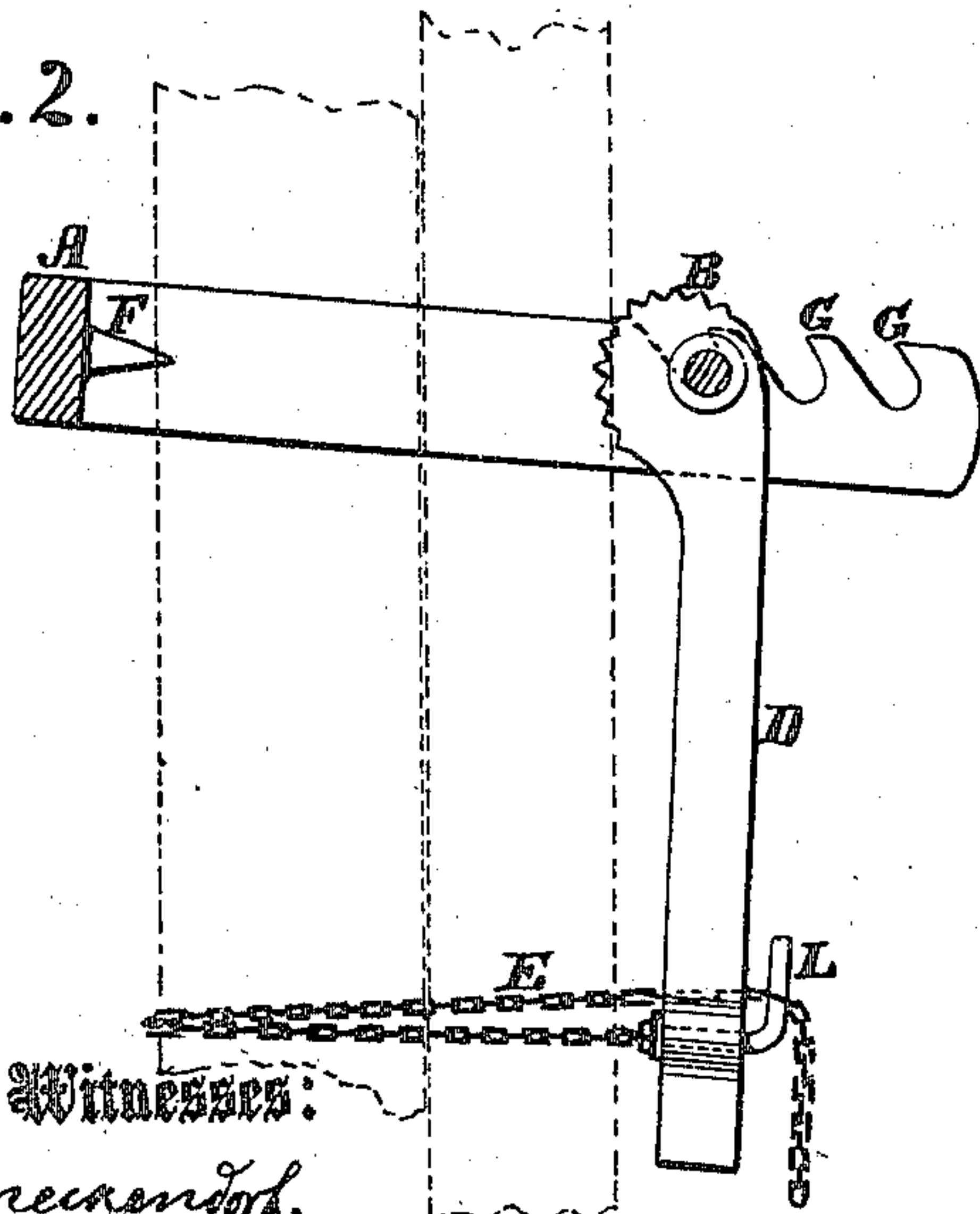
No. 134,598.

Patented Jan. 7, 1873.

*Fig. 1.*



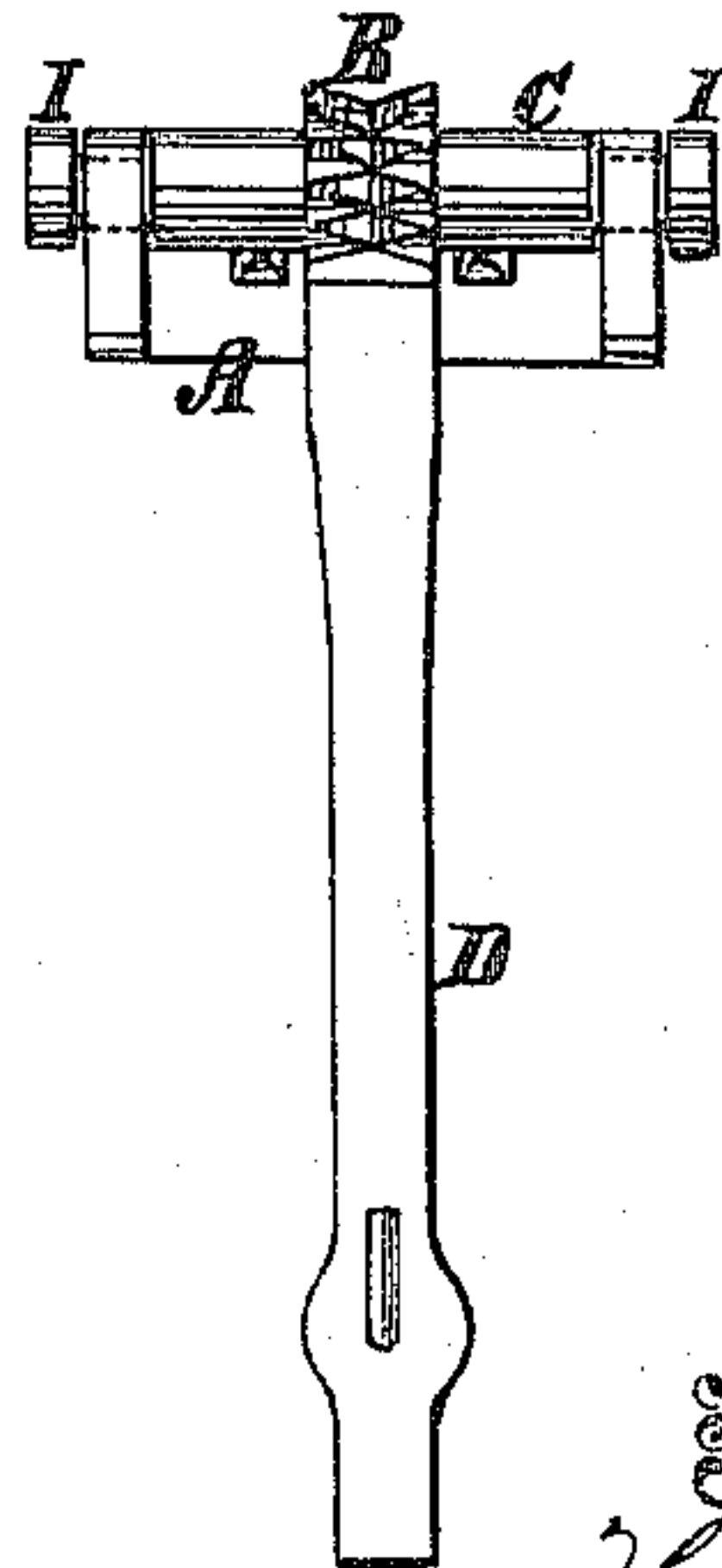
*Fig. 2.*



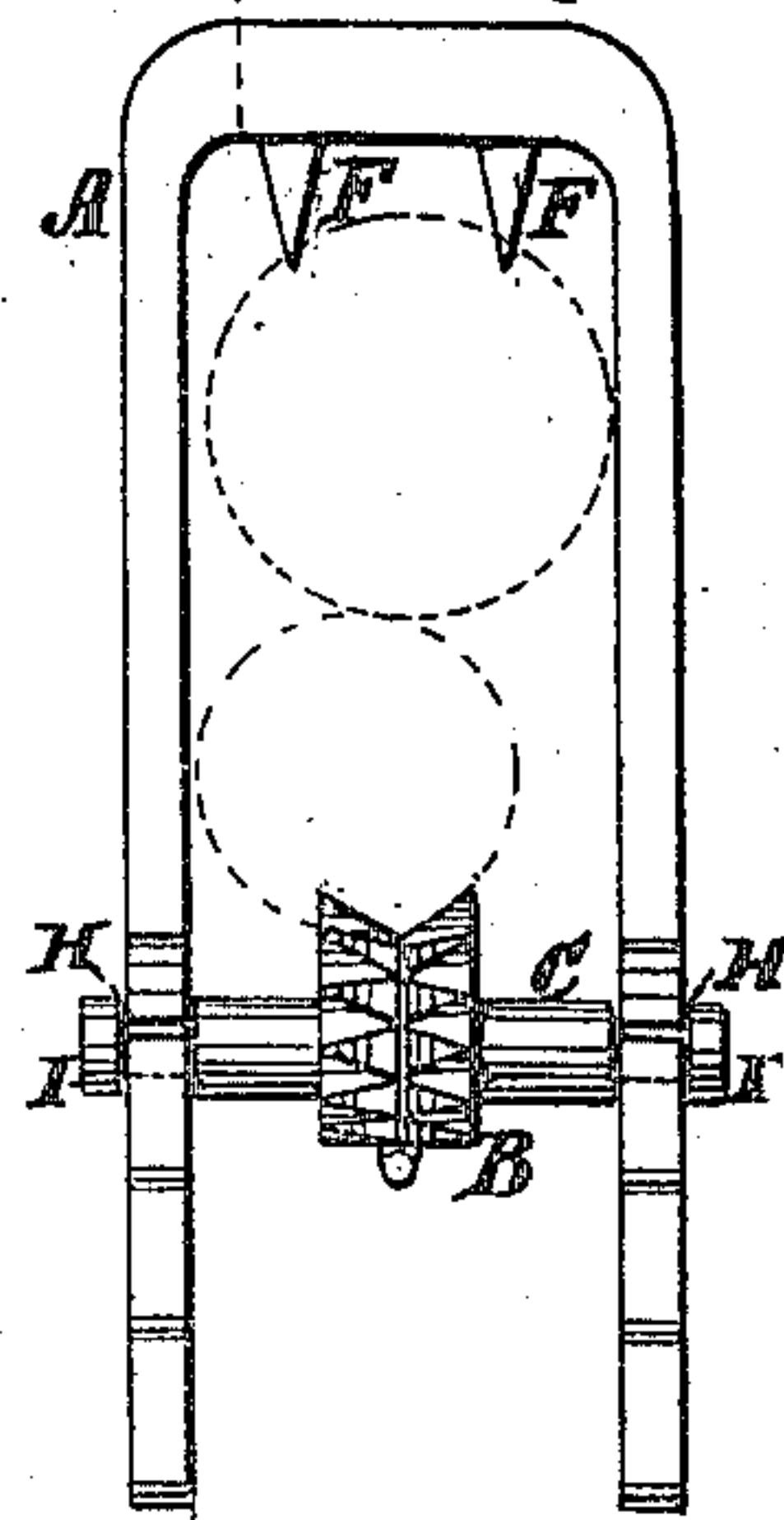
Witnesses:

A. Benneckenhof.  
C. Guiguet

*Fig. 3.*



*Fig. 4.*



Inventor:

H. Haering

PER

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# UNITED STATES PATENT OFFICE.

HENRY HAERING, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND  
HERMANN ALLIS, OF SAME PLACE.

## IMPROVEMENT IN POLE-CLAMPS.

Specification forming part of Letters Patent No. 134,598, dated January 7, 1873.

*To all whom it may concern:*

Be it known that I, HENRY HAERING, of the city, county, and State of New York, have invented a new and Improved Pole-Clamp, of which the following is a specification:

My invention consists of a U-shaped yoke with bearings in the bars near the open ends, an eccentric clamp with a hand-lever, and journals for working in the aforesaid bearings, and a fastening chain or rope, all combined and arranged so that a couple of scaffold or other poles lapping each other may be embraced between the bottom of the yoke and the eccentric clamp by placing the yoke around them and then putting the clamp in its bearings, and thus be bound together very firmly and in a simple manner. The clamp is designed for splicing scaffold, tent, and other poles.

Figure 1 is a side elevation of a scaffold with poles spliced and clamped together by my improved pole-clamp. Fig. 2 is a section of the yoke and side elevation of the eccentric lever, clamp, the chain, and part of the poles spliced together. Fig. 3 is a front elevation, and Fig. 4 is a plan view of the clamp.

Similar letters of reference indicate corresponding parts.

A represents the U-shaped yoke; B, the eccentric head of the lever-clamp; C, the axle of the lever-clamp; D, the lever; and E, the binding chain or cord. The bottom of the yoke will preferably be made thicker and stronger than the other parts, as shown in the plan view, Fig. 4, and it will have points F on the inside to enter the pole to prevent slipping. Near the outer ends of the bars of the yoke there are notches G, which form bearings for the journals H, adapted for readily

putting the clamp in and taking it out. The journals have a collar, I, outside of the bars of the yoke to prevent the yoke from spreading under the strain of the clamp. The face of the eccentric lever-head is notched or serrated to indent the wood and prevent slipping on it.

To clamp the pole-splice together, the yoke is put around the pole, as shown in the drawing, the eccentric lever is put in its bearings as near to the poles as it can be with the handle raised, so that the lowest part of the eccentric head will be next to the pole. The handle is then forced downward, which brings the high part of the eccentric against the pole and draws the bars of the yoke downward obliquely in a manner to bind the poles very firmly together, which will be readily understood by inspection of the drawing. After the lever is turned downward as far as it will go, it is secured by the chain or a cord, E, passed around the poles, and engaged to a hook, L, as shown. Several notches will be made in the bars of the yoke for the journals of the lever to adapt the clamp to poles of different sizes.

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

A pole-clamp, consisting of the yoke A with notches G, the eccentric lever B D with journals H, and a binding chain or cord, E, all combined and arranged substantially as specified.

H. HAERING.

Witnesses:

T. B. MOSHER,  
C. SEDGWICK.