

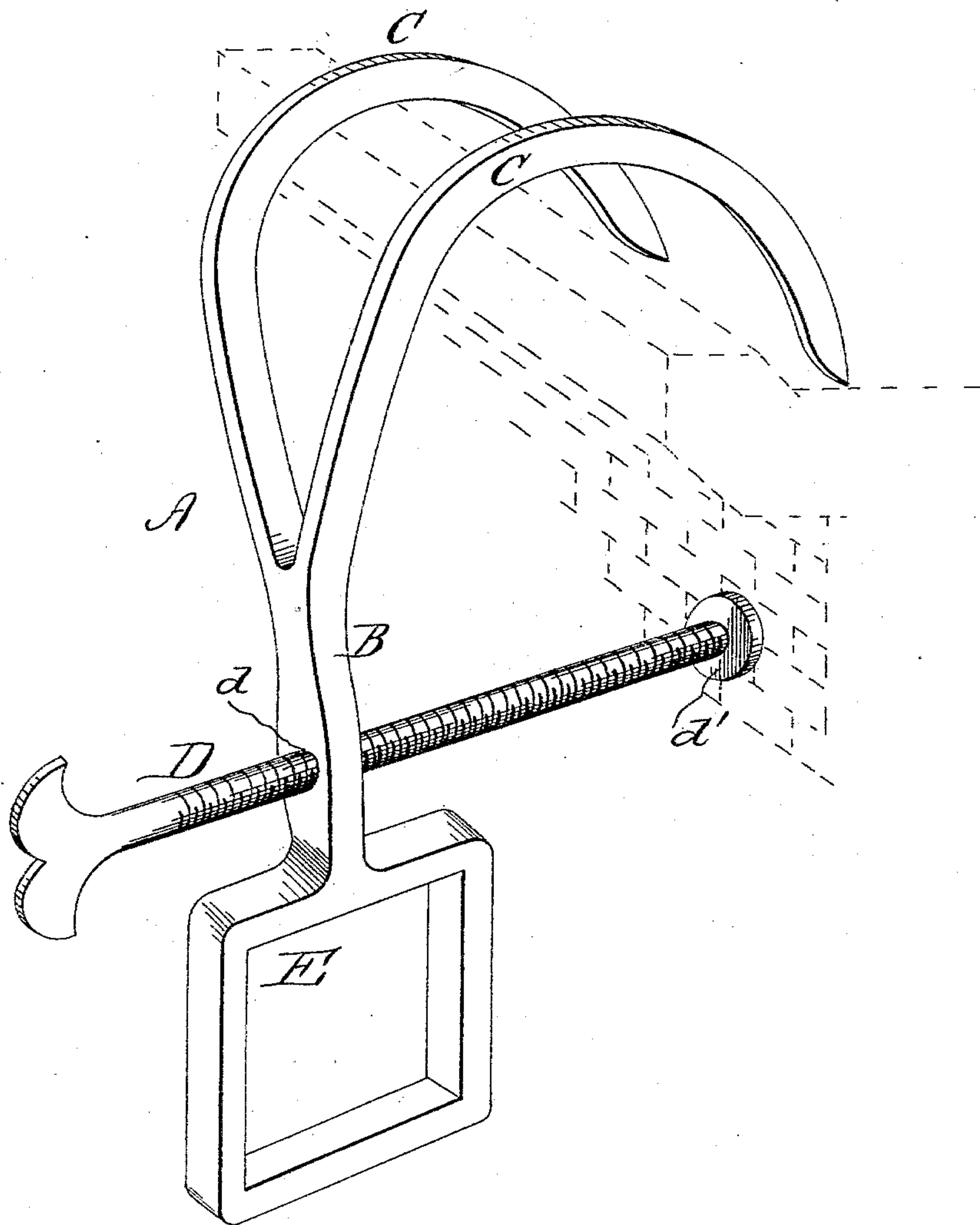
(No Model.)

A. H. CAMPBELL.

SCAFFOLD IRON.

No. 315,720.

Patented Apr. 14, 1885.



WITNESSES:

George W. Seizer
Math. Clifton

INVENTOR

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by
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his
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UNITED STATES PATENT OFFICE.

ANDREW H. CAMPBELL, OF PHILADELPHIA, PENNSYLVANIA.

SCAFFOLD-IRON.

SPECIFICATION forming part of Letters Patent No. 315,720, dated April 14, 1885.

Application filed October 16, 1884. (No model.)

To all whom it may concern:

Be it known that I, ANDREW H. CAMPBELL, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and valuable Improvement in Scaffold-Irons; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making a part of this specification, and to the letters and figures of reference marked thereon.

The drawing represents a perspective of a hook embodying my invention.

My invention has relation to swinging scaffold irons or hooks. Heretofore these irons each contained a single hook or bent end, which rendered the scaffold extremely unsteady and frequently caused a swaying motion, which was difficult to stop and often resulted in accident and loss of life.

My invention has for its object to avoid the above-described objections by providing the iron with two or more upper hooked ends or grasping-irons, or making it in the form of a double hook and furnishing it with an adjustable steadying pin or screw, which bears against the wall of the building from which the scaffold is suspended and keeps the scaffold-board away from or out of contact with said wall.

My invention accordingly consists of the combination, construction, and arrangement of parts comprising a swinging-scaffold iron, as hereinafter described and claimed.

In the drawing, A represents an iron or hook for a swinging scaffold, and is composed of a bar or middle part, B, having upper double or bifurcated bent or hooked ends, C C, a threaded aperture, *d*, for a screw, D, which is provided with a buffer or enlarged bearing, *d'*, at its outer end, *d''*, and an eye, E, for the end of the rope or chain of the scaffold to be suspended therefrom. The hooks C C, bar B, and eye E may all be made inte-

gral or otherwise secured together, as desired. 45
The eye E may be square, as shown, or oblong, or it may be round or otherwise configured. The screw D is employed to provide the iron A with an end, *d'*, for bearing or impingement against the wall of a building or other structure from which the scaffold is suspended, and to obtain the necessary adjustment or regulation of the hook for keeping the scaffold-board the required distance from said wall. 50

Instead of using two hooked or bent ends C, three or more may be employed, if desired. 55

The use of the double-hooked iron A, and the impingement of the end *d'* against the building-wall, gives increased steadiness to the scaffold and tends to prevent swinging of the same, and the adjustment of screw D gives all the lateral space required for the scaffold to keep it out of contact with said wall or the fixtures thereon. In some cases said screw may be dispensed with, and a smooth round or square bar can be used and fastened in position by means of a pin or wedge. 60

Having described my invention, what I claim is— 65

1. A scaffold-iron having two or more upper hooked ends, C C, and a screw or bar, D, substantially as shown and described. 70

2. A scaffold-iron having two upper hooked ends, C C, an eye, E, and a screw-rod, D, substantially as shown and described. 75

3. A scaffold-iron having two upper hooked ends, C C, an eye E, and screw-rod D, having enlarged end *d'*, substantially as and for the purpose set forth. 80

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ANDREW H. CAMPBELL.

Witnesses:

MATT. CLIFTON,

GEORGE W. SELTZER.