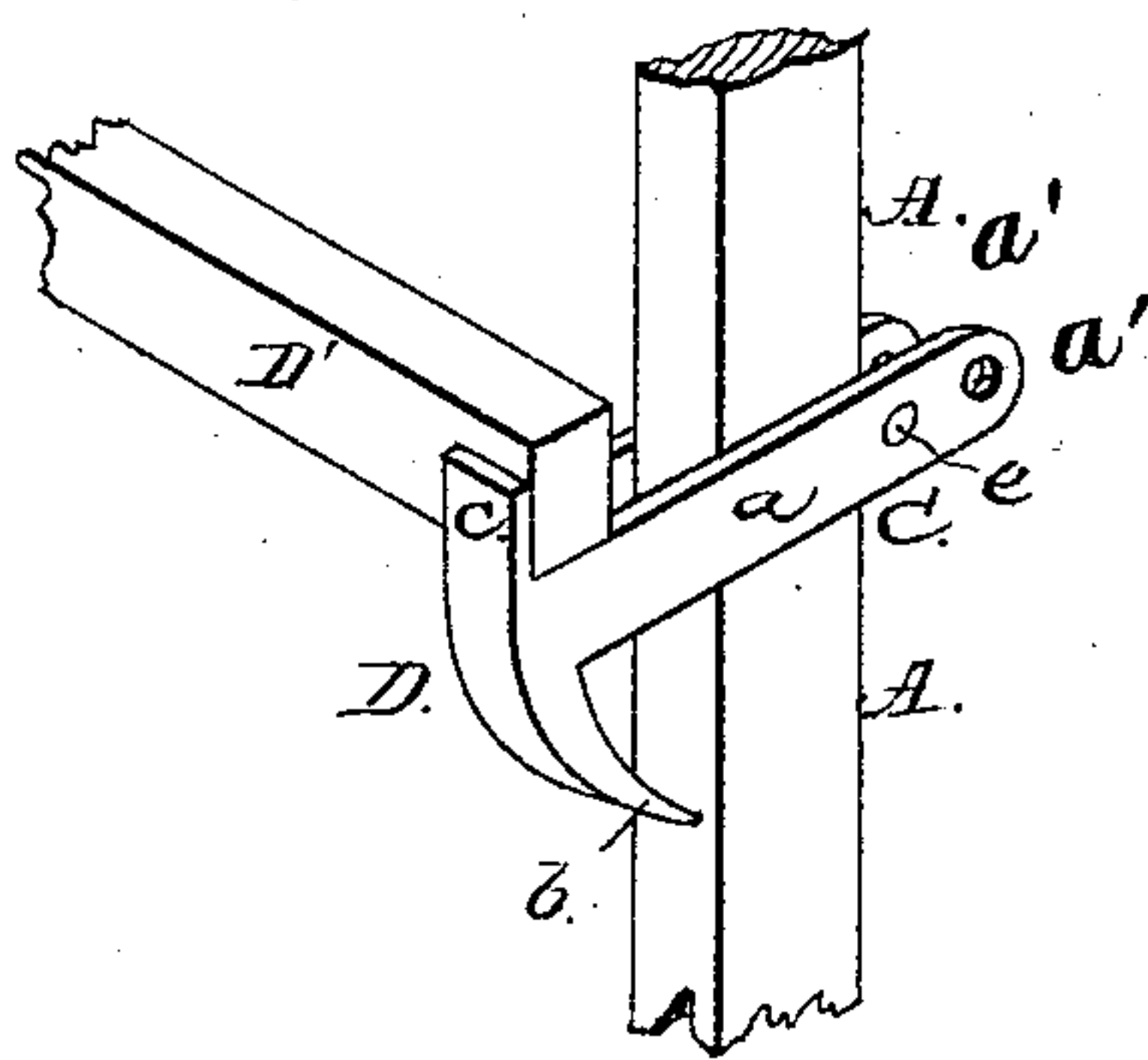


(No Model.)

E. S. PALMER.  
Adjustable Scaffold Clamp.  
No. 236,616. Patented Jan. 11, 1881.



WITNESSES

*John A. Ellis.*  
*F. J. Chas.*

INVENTOR

*E. S. Palmer.*  
*by E. W. Anderson*  
*his* ATTORNEY

# UNITED STATES PATENT OFFICE.

ERASTUS S. PALMER, OF FARIBAULT, MINNESOTA.

## ADJUSTABLE SCAFFOLD-CLAMP.

SPECIFICATION forming part of Letters Patent No. 236,616, dated January 11, 1881.

Application filed June 12, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, ERASTUS S. PALMER, of Faribault, in the county of Rice and State of Minnesota, have invented certain new and  
5 useful Improvements in Adjustable Scaffold-Clamps; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, in which the figure is a  
10 perspective view of an adjustable scaffold-clamp embodying my improvements.

This invention has relation to adjustable scaffold-clamps; and it consists in the improved features of construction and combination here-  
15 inafter fully described, and particularly pointed out in the claim.

Referring by letter to the accompanying drawing, A designates a section of one of the  
20 uprights of a scaffold.

D designates a claw having dog *b*, guard *c*, and straps or arms *a a*, formed in one piece with the claw, and perforated at *a' a'* for the  
25 reception of a through-bolt, *e*, by which the clamp is adjustably secured to the upright A.

D' designates a joist, one end of which rests upon the clamp C, between the guard *c* and the upright A. Weight upon joist D' causes the clamp to vibrate on the bolt *e* as a pivotal point and the dog *b* to bite the upright A, and

thereby sustain the clamp at any point upon 30 the upright A to which it may have been adjusted.

Heretofore clamps of this class have been so constructed as to render the clamp liable to lateral play or motion on the upright, thereby 35 endangering the security of the clamps. I have obviated this defect by providing the prolonged straps or arms *a a*, firmly joined to the claw and closely embracing the upright. By this construction there can be no tendency of 40 the supporting bracket or claw to swing laterally. Absolute security is thus afforded in this class of clamps.

Having thus described my invention, what I claim as new, and desire to secure by Letters 45 Patent of the United States, is—

In an adjustable scaffold-clamp, the claw D, having dog *b*, guard *c*, and prolonged arms *a a*, perforated at *a' a'*, made in one piece, in combination with the removable bolt *e*, sub- 50 stantially as and for the purposes set forth.

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

ERASTUS S. PALMER.

Witnesses:

JOHN M. HUNTER,  
JOSEPH C. MOLD.