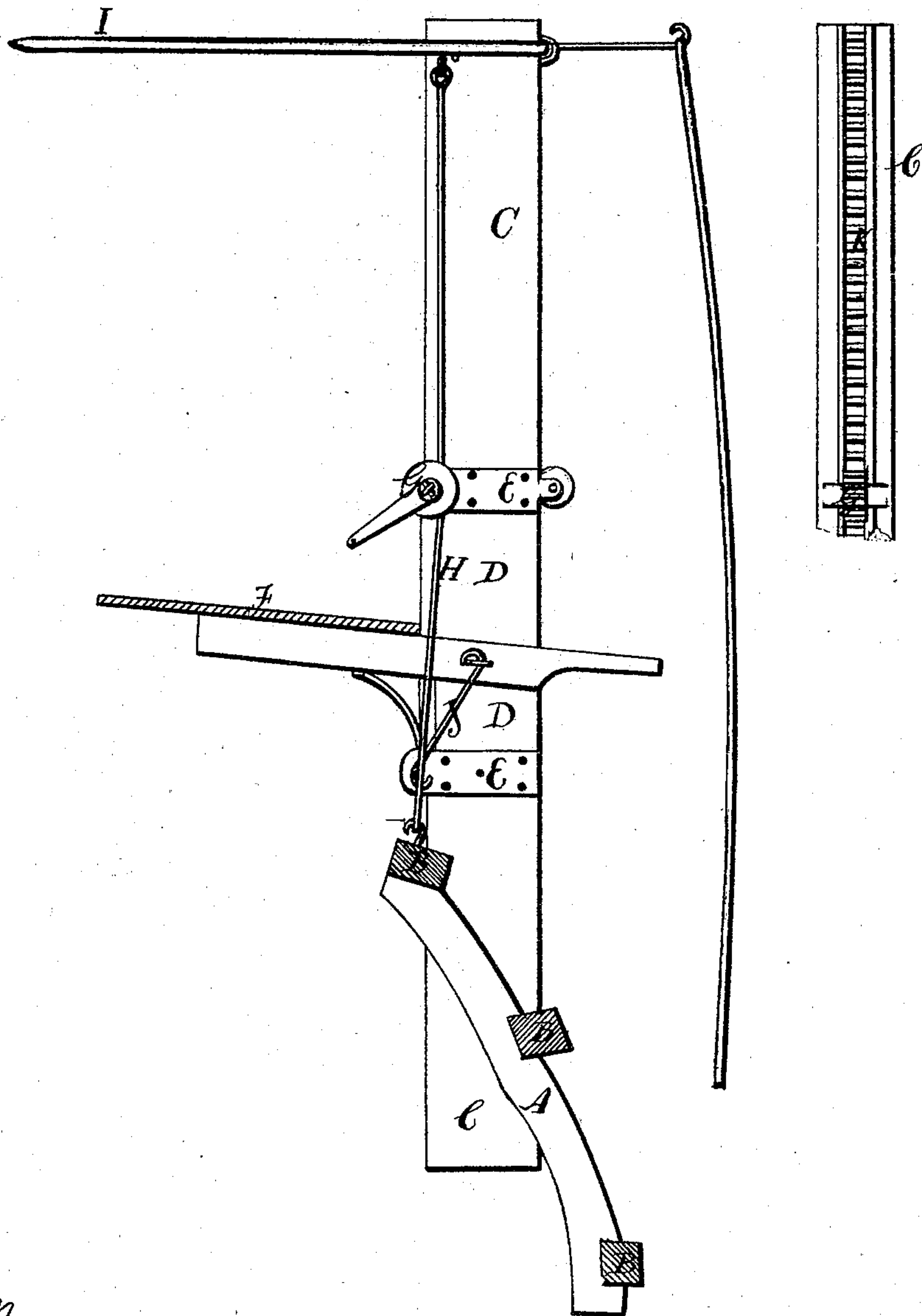


*G. G. Winans,*

*Elevator.*

*No. 99802.*

*Patented Feb. 15. 1870.*



*Witnesses.*  
*E. O. Brown.*  
*H. S. Miller.*

*Geo. G. Winans, Inventor, by*  
*Geo. E. Brown, Atty.*

# United States Patent Office.

GEORGE G. WINANS, OF SCRANTON, PENNSYLVANIA.

*Letters Patent No. 99,802, dated February 15, 1870.*

## IMPROVED ELEVATING APPARATUS.

The Schedule referred to in these Letters Patent and making part of the same

Be it known that I, GEORGE G. WINANS, of the city of Scranton, county of Luzerne, and State of Pennsylvania, have invented a new and useful Machine, which I have entitled GEORGE G. WINANS' Machine for Elevating Heavy Weights and for the convenience and use of builders and painters in the erecting and painting of buildings, &c.; 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 drawings, making a part of this specification.

A, feet.

B, cross-stays.

C, upright pole.

D, rolling-box on pole C.

E, rollers on rolling-box.

F, platform.

G, shaft, with drums, crank, and cog-wheel.

H, upright stay-ropes to stay platform at any desired height (or a ratchet-wheel to be used in place of ropes, if preferable).

I, rest to support top of pole from against building, wall, &c.

J, crank-hook.

K, metal cog-work or rack imbedded in and running from top to bottom of pole C, on which cog-wheel on shaft G works.

Said machine to be used with two legs with use of rest I, or with four legs without the use of said rest, as necessity may require.

Workmen to mount platform F, and by turning of crank G, to elevate themselves and their materials to the desired height.

What I claim as my invention is—

The combination of the standard C, box D, platform F, stay-rope H, windlass G, and rests I, all constructed and arranged substantially as described.

GEO. G. WINANS.

Witnesses:

W. H. GEARHART,

D. MARTIN DYE.