

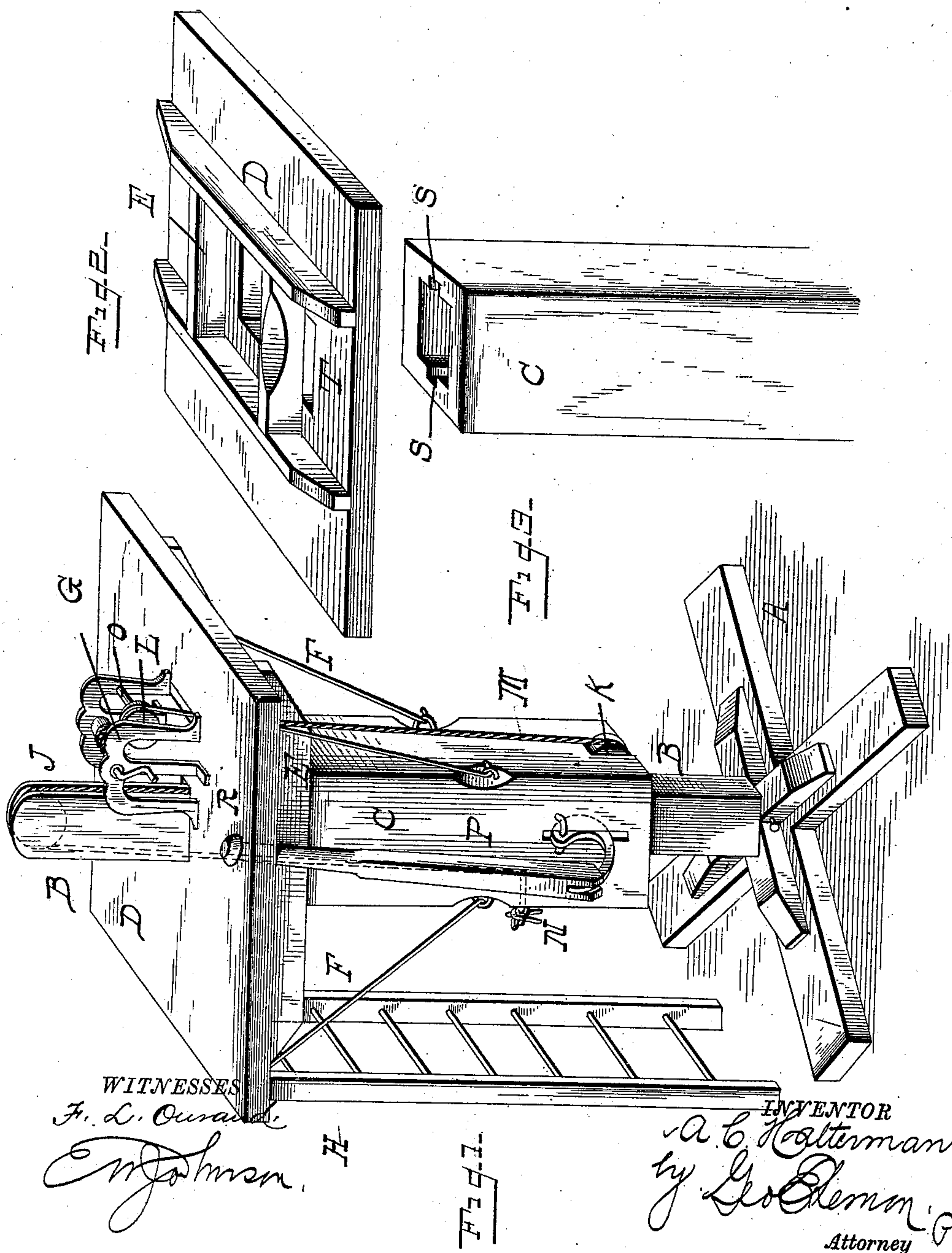
(No Model.)

A. C. HALTERMAN.

SCAFFOLD.

No. 332,893.

Patented Dec. 22, 1885.



UNITED STATES PATENT OFFICE.

ANDREW C. HALTERMAN, OF NEW HAVEN, WEST VIRGINIA.

SCAFFOLD.

SPECIFICATION forming part of Letters Patent No. 332,893, dated December 22, 1885.

Application filed June 1, 1885. Serial No. 167,348. (No model.)

To all whom it may concern:

Be it known that I, ANDREW C. HALTERMAN, a citizen of the United States of America, residing at New Haven, in the county of Mason and State of West Virginia, have invented a new and useful Improvement in Adjustable Scaffolds; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to adjustable scaffolds; and it consists in the improvements hereinafter explained.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view of a device embodying my improvements, and Figs. 2 and 3 are detail perspective views.

Upon a suitable base, A, is rigidly mounted a vertical standard, B, upon which fits and slides a rectangular casing, C. The latter is provided at its upper end with a platform, D, which is maintained in proper position thereon by means of sections E, secured on the under side thereof. The platform is properly braced in position by means of rods F, which are preferably removably secured in position. Upon the platform D is located a windlass, G. A ladder, H, depending from one side of said platform, affords a ready means for mounting the structure. A pulley, J, is located in the top of the standard B, a second pulley, K, at the bottom and at one side of the casing C, while a third pulley, L, slides or plays horizontally upon a shaft, O, arranged parallel with the windlass. A rope, M, is secured to one side of the casing at N, and is then passed through the casing to the central standard, and is passed up vertically alongside of the central standard, is then passed over the pulley J, next passed down and along the opposite side of the central standard and around the pulley K, and is finally passed through a slot, T, over the pulley L, to the windlass. Now, therefore, it will be obvious that when the windlass is rotated in a certain direction the

platform is raised, and if the movement of the windlass be reversed the weight of the platform will cause the same to descend. A vertical slot is made in the casing, so that a cam, P, may be pivotally secured therein as to admit its cam free to bear against the standard B. The free end of the cam is extended and projected for the attachment of the lower end of a lever, R, the upper end of which plays through and is vertically guided in an opening in the platform D. Now, should it be desired to retard or stop the descending movement of the platform, the lever R is depressed, so that the cam P is thrown inward against the face of the standard, and thus completely stop or partially retard the movement of the casing down said standard. By having the slot I elongated parallel with the shaft O, and by having the pulley L loose thereon, the pulley moves horizontally back and forth over said shaft to accommodate the natural tendency of the rope to wind evenly upon the windlass. The casing is provided interiorly with grooves s s, for receiving and guiding the rope as it passes to and from the pulley J.

I claim—

1. The combination, in an adjustable scaffold, of a standard, a casing sliding thereon and carrying a platform, a windlass located on said platform, a rope connected thereto passing around pulleys and connected to the standard, and a pulley, L, adapted to move on a shaft arranged parallel with the windlass, substantially as set forth.

2. The combination, in an adjustable scaffold, of a standard, a casing sliding thereon, carrying a platform, and provided with grooves s s, and a windlass and rope for raising said platform, said grooves being provided for the retention of said rope, substantially as set forth.

ANDREW C. HALTERMAN.

Witnesses:

LEVI SALSER,
A. R. WETZEL.