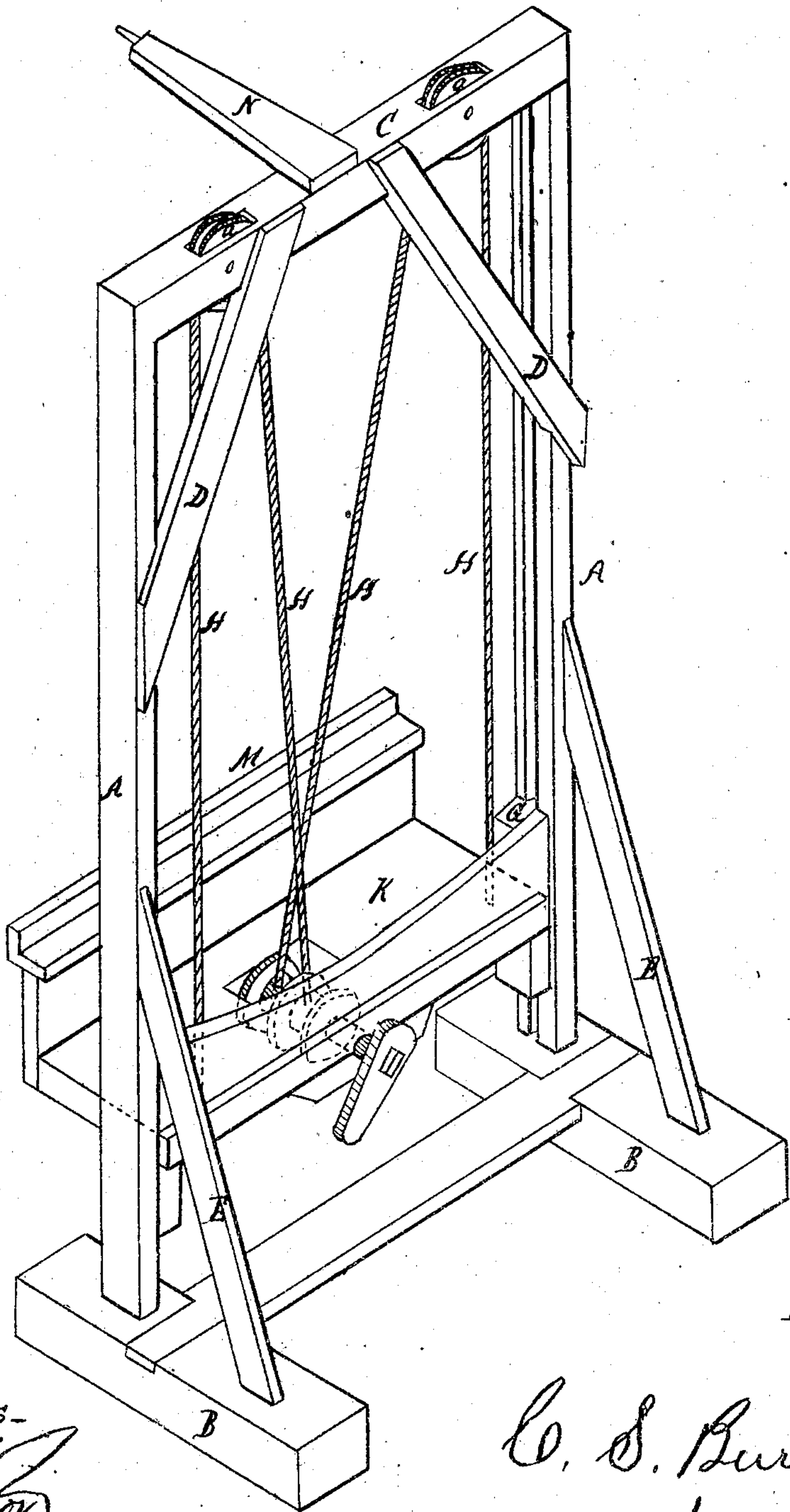


*C. S. Burton,
Staging-App.*

Nº 74.665.

Patented Feb. 18. 1868.



Inventor

Witnesses-

*Wm. Cox
V. D. Stockbridge*

*C. S. Burton
per
Alexander Mason
att.*

United States Patent Office.

C. S. BURTON, OF SENECA COUNTY, OHIO.

Letters Patent No. 74,665, dated February 18, 1868.

IMPROVED STAGING.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, C. S. BURTON, in the county of Seneca, and in the State of Ohio, have invented certain new and useful Improvements in Elevating Staging; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings, making part of this specification, B B represent two sills, which are placed at a suitable distance apart, and connected together by a cross-piece, and which answer the purpose of a base for the scaffold or staging. Erected upon these sills are two uprights or standards, A A, which are provided on their inner sides with grooves, which run lengthwise of them from top to bottom. To steady these uprights they are braced in two ways, by means of the braces D and E. C represents a cross-tie, which lies from one upright to the other, being suitably framed into their upper ends. The braces E run from the sills to the uprights, while the braces D run from the cross-tie C to the uprights, thus securely bracing said uprights in both directions. An arm, N, projects from the centre of the cross-tie C, and, being provided with a metallic point on its outer ends, which rests against the building with which the staging is being used, answers as a brace or rest for the upper end of the scaffold. K represents a platform, upon which the painters or builders stand, and is placed horizontally between the uprights A. At each end of this platform are blocks or bars, G, which are made fast to the said platform, and are provided on their outer sides with tongues or tenons, which fit in the grooves in the uprights sliding in said grooves, and acting as guides for the platform as it is raised or lowered. M represents a narrow counter or bench, which is secured to the outer edge of the platform, and which answers for holding the tools of the workmen. The platform has a slot cut in it, and through this slot cords pass to a windlass, which lies crosswise of the platform, having its bearings in it. To this windlass is attached a crank-handle, for turning it. Near each end of the cross-tie C is a mortise, in which is pivoted a pulley, a. These pulleys are placed vertically. H H represent two cords, one end of each of which is secured to the platform near its ends. The other ends, after being passed over the pulleys a a, are secured to the windlass.

When the windlass is revolved in one direction the cords are wound around it, and the platform is elevated; when it is turned in the opposite direction the cords are unwound, and the platform is lowered. The workmen are thus enabled to elevate or lower the platform while engaged in working upon it.

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

The combination of the grooved standards A A, platform K, and bench M, windlass and cords H H, all constructed and operating as specified.

In testimony that I claim the foregoing, I have hereunto set my hand, this 11th day of December, 1867.

C. S. BURTON.

Witnesses:

A. H. BYERS,

ELVERO PERSONS.