A. BROOKS.

Machine for Calcimining.

No. 208,366. Patented Sept. 24, 1878.

Fig: 1.

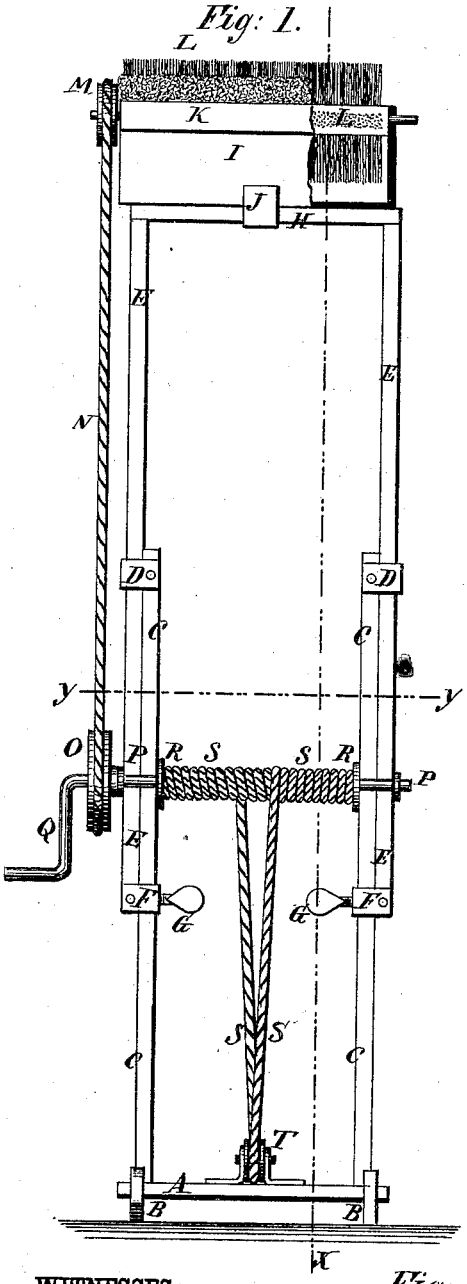


Fig: 2.

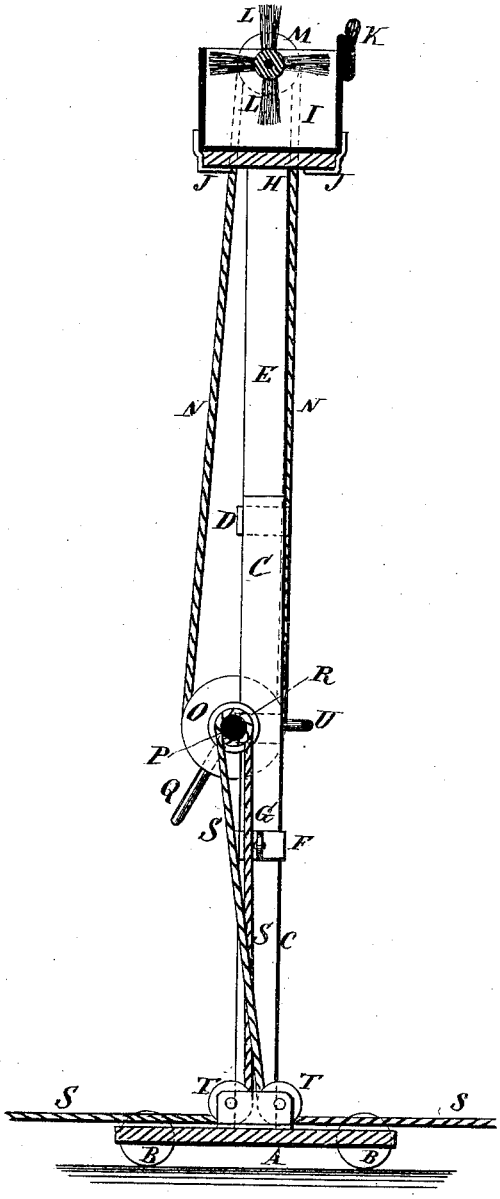
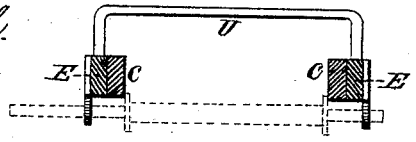


Fig: 3.



WITNESSES:

A. Schehl.

C. Sedgwick

INVENTOR:

A. Brooks

BY Munn & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

ASA BROOKS, OF HAWLEYTON, NEW YORK.

IMPROVEMENT IN MACHINES FOR CALCIMINING.

Specification forming part of Letters Patent No. **208,366**, dated September 24, 1878; application filed July 24, 1878.

To all whom it may concern:

Be it known that I, Rev. ASA BROOKS, of Hawleyton, in the county of Broome and State of New York, have invented a new and useful Improvement in Machines for Calcimining, of which the following is a specification:

Figure 1 is a side view of my improved machine, part being broken away to show the construction. Fig. 2 is a vertical section of the same, taken through the line *x x*, Fig. 1. Fig. 3 is a horizontal section of the same, taken through the line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved machine for calcimining, painting, and whitewashing the ceilings of rooms, and which shall be so constructed as to do the work in a rapid and workmanlike manner.

The invention consists in the combination of the base, the wheels, the stationary standards, the sliding standards, the keepers and set-screws, the top board, the pan, the guard-brush, the rotating brush, the pulleys and cord, the crank-shaft, crank, and drum, the two cords, and the two pulleys, with each other, as hereinafter fully described.

A is the base or platform of the machine, which is mounted upon four small wheels, B, so that it may be readily moved back and forth across the floor. To the middle part of the ends of the platform A are firmly attached the lower ends of two standards, C, to the upper ends of which are attached bands or keepers D.

E are extension-standards, which pass through the keepers D, and slide up and down along the outer sides of the standards C. To the lower ends of the sliding standards E are attached bands or keepers F, which pass partially around the standards C, and are provided with set-screws G, to lock the standards E in any position into which they may be adjusted. To the upper ends of the sliding or extension standards E are attached the ends of a board or platform, H, upon which is placed a pan, I, to receive the calcimine, paint, or whitewash to be applied to the ceiling.

To the pan I are attached half-keepers J, which overlap and slide along the side edges of the top board, H, to keep the said pan I in place upon it, and allow it to be readily attached and detached, as required.

To one or both the side edges of the pan I is attached a guard-brush or sponge, K, to brush off the wall before the calcimine, paint, or whitewash is applied to it, and to prevent the calcimine from spattering over. In bearings in the ends of the pan I revolve the journals of a cylindrical or rotary brush, L, by which the calcimine, paint, or whitewash is applied.

One of the journals of the brush L projects, and to it is attached a pulley, M, around which passes a cord, N. The cord N also passes around a pulley, O, attached to the crank-shaft P, which works in bearings attached to the lower parts of the sliding standards E, and to one of the ends of which is attached, or upon it is formed, a crank, Q, by means of which the machine is operated.

To the shaft P, between the standards C, is attached a drum, R, having flanges upon its ends, to which are attached the ends of two cords, S, which are wound upon it in such a way that one may be unwound as the other is being wound up. The cords S pass around two guide-pulleys, T, attached to the middle part of the base A.

The ends of the cords S project upon the opposite sides of the machine, and have hooks, rings, or loops attached to or formed upon them, to receive the awl or other instrument by which they are secured to the floor at the opposite sides of the room.

To the sliding standards E are attached the ends of a curved rod, U, to serve as a handle for steadying the machine while being used.

With this construction, when the ends of the cords S have been secured to the floor and the crank Q is turned, the machine will be drawn across the floor, and the brush L

will be rotated to apply the calcimine, paint, or whitewash to the ceiling.

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

The combination of the base A, the wheels B, the stationary standards C, the sliding standards E, the keepers and set-screws D F G, the top board, H, the pan I, the guard-brush K, the rotating brush L, the pulleys and cord M O N, the crank-shaft, crank, and drum P Q R, the two cords S, and the two pulleys T, with each other, substantially as herein shown and described.

ASA BROOKS.

Witnesses:
HENRY MOSHER,
CALEB S. GAGE.