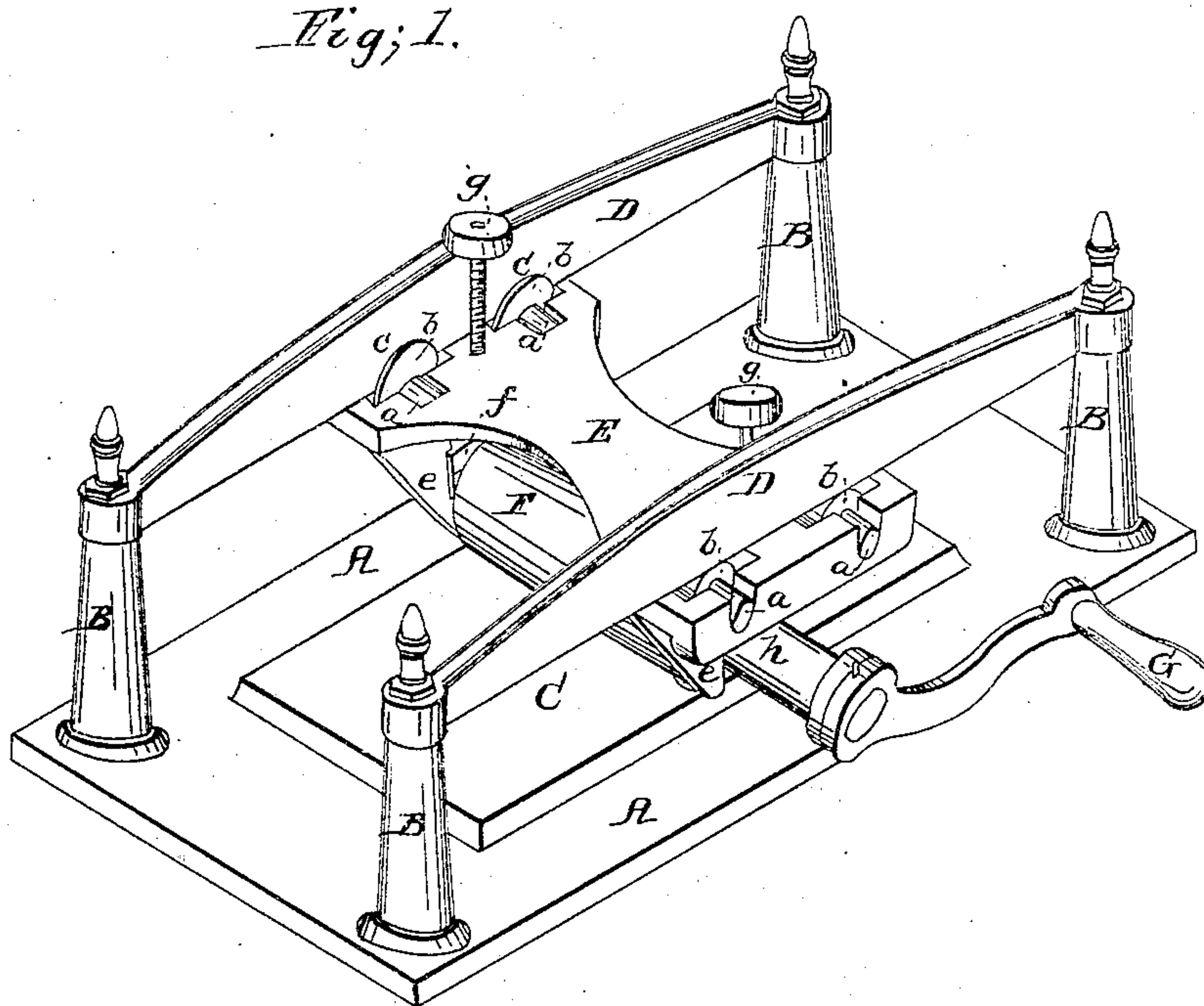
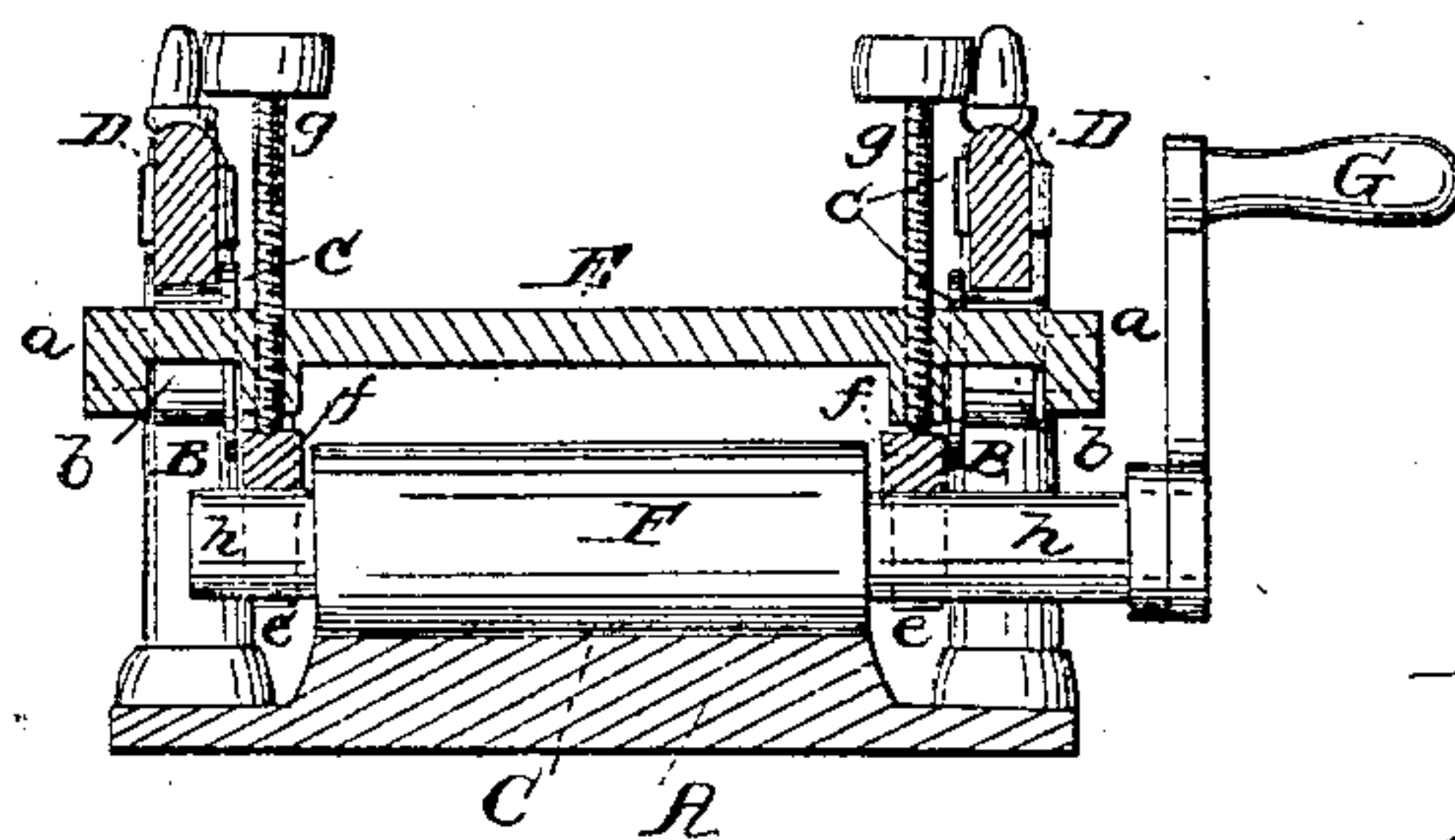


R. Sibley,
Photographic Press,
Nº 35,570, *Patented June 10, 1862.*

Fig; 1.



Fig; 2.



Witnesses;
Harry W. Price
John Mathys

Inventor;
Rufus Sibley
By atty A. B. Soughton

UNITED STATES PATENT OFFICE.

RUFUS SIBLEY, OF GREENVILLE, CONNECTICUT, ASSIGNOR TO SAMUEL MOWRY, OF SAME PLACE.

PRESS FOR PHOTOGRAPHS.

Specification forming part of Letters Patent No. 35,570, dated June 10, 1862.

To all whom it may concern:

Be it known that I, RUFUS SIBLEY, of Greenville, in the county of New London and State of Connecticut, have invented certain new and useful Improvements in Photograph-Presses; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a perspective view of the press. Fig. 2 represents a vertical cross-section through the same.

The object and purpose of my invention is to make a cheap, efficient, and powerful press for pressing photographic pictures, which shall not be bulky or unwieldy. This I have accomplished, as I will hereinafter explain.

My invention consists in the use, in connection with a suitable bed, of a polishing-roll set and turning in a traveling truck or carriage, and guided and controlled by ways and set-screws to regulate the necessary pressure between the roll and bed, for the purposes hereinafter specified.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings.

The bed A and columns B may be cast in one piece. That portion of the bed marked C is raised higher than the other parts, so that it alone may be planed off without planing off the other portions. The tops of the columns B may be planed off at the same time that the portion C is, which will insure their parallelism, as they bear particular working relations to each other.

D D are two side rails, their upper edge or side arched for the sake of strength, and the under side planed to make a true way for the truck-wheels to run against. These rails are snugly fitted to the tops of the columns, and by means of screws or otherwise may be made adjustable thereon.

E is a cast-iron frame made with suitable recesses and boxes for the journals *a* of the truck-wheels *b* to turn in, as also for the wheels themselves to revolve in. The wheels *b* are of cast-iron, and may be cast onto the axles or journals, which are of wrought-iron. They

have flanges *c* upon them, that bear against the inside of the rails D to keep the truck or carriage from moving laterally.

Pillar-blocks *e* are cast on the under side of the frame E, for supporting properly the boxes *f f* for the journals *h* of the polishing-roll F, and set-screws *g g* pass through the frame E and against the boxes or followers *f*, for regulating the pressure of the polishing-roll upon the picture.

The truck or carriage can be easily removed from the bed and rails for cleansing it or for repair by simply running up the set-screws.

G is a crank arranged upon the protruding journal *h* of the polishing-roll for turning said roll. In ordinary cases this crank will be found to be sufficient to turn the roll with when the pressure is upon it; but should it not be powerful enough, the crank may be connected to a spur-wheel, which may work with a gear-wheel on the journal of the roll, and thus increase the facility for revolving the polishing-roll.

In operating this press a steel plate, with its polished side up, is laid upon the bed C.

The picture to be polished is laid upon this polished plate with the face down, and the finishing-roll (which may also be of polished steel) is run over the picture once or twice, which completes the process. The friction or traction between the truck-wheels and the rails and between the polishing-roll and the bed or picture causes the truck or carriage to move along over the picture with great regularity, while the pressure can be regulated at any time on one or both ends of the roll, as may be required.

Having thus fully described the nature and objects of my invention in photograph-presses, what I claim therein as new, and desire to secure by Letters Patent, is—

In combination with the bed and rails, the traveling truck or carriage, and the polishing-roll operating in connection therewith, substantially in the manner and for the purpose herein described.

RUFUS SIBLEY.

Witnesses:

TIMOTHY PARKER,
CHARLES C. FULLER.