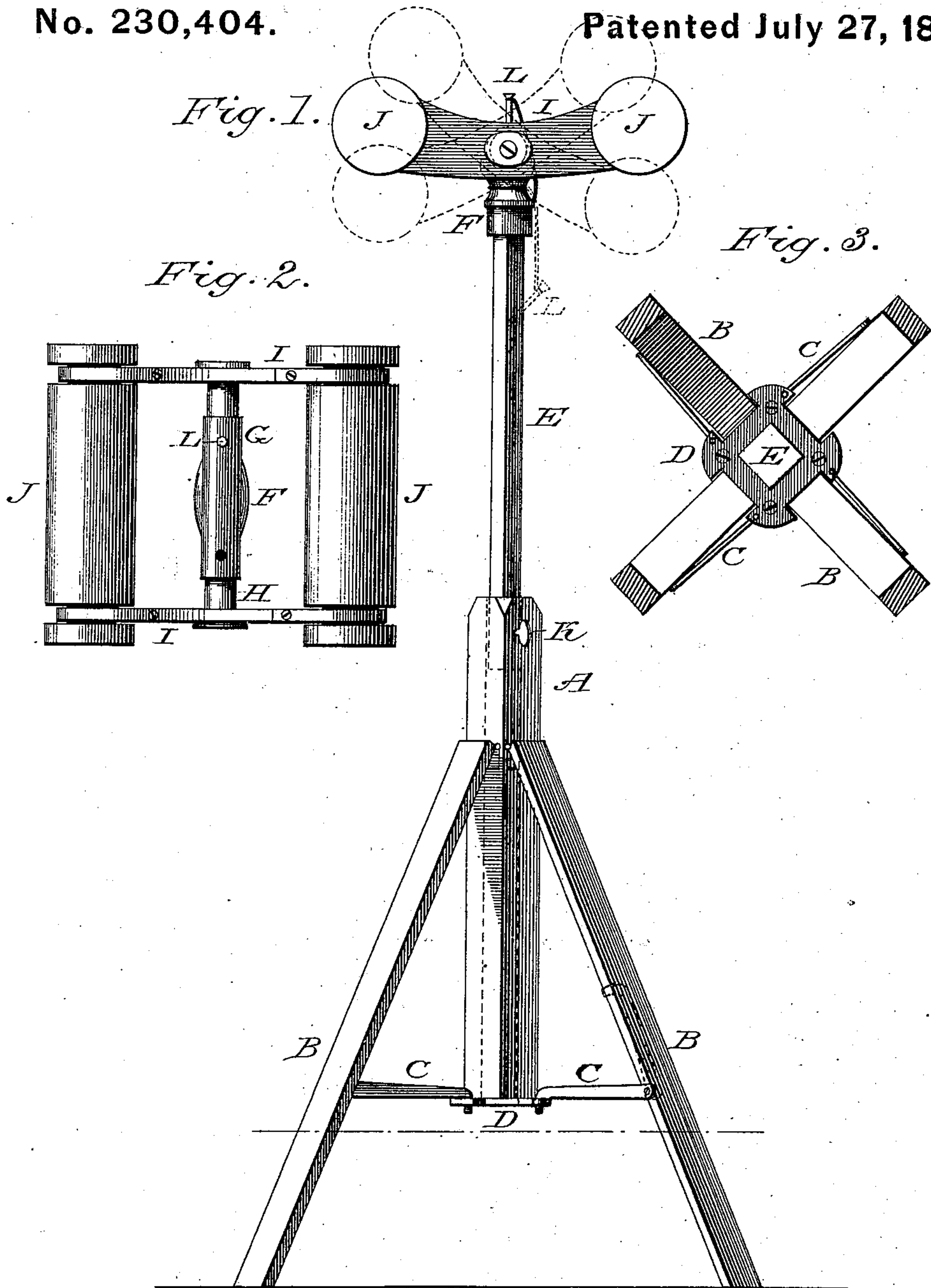


(Model.)

A. CLEMONS.
Machine for Holding up Ceiling Paper while Hanging
the same.

No. 230,404.

Patented July 27, 1880.



Witnesses:

Anth. J. Schullo
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UNITED STATES PATENT OFFICE.

ALFRED CLEMONS, OF BUFFALO, NEW YORK.

MACHINE FOR HOLDING UP CEILING-PAPER WHILE HANGING THE SAME.

SPECIFICATION forming part of Letters Patent No. 230,404, dated July 27, 1880.

Application filed May 3, 1880. (Model.)

To all whom it may concern:

Be it known that I, ALFRED CLEMONS, of the city of Buffalo, in the county of Erie and State of New York, have invented a new and
5 useful Improvement in a Machine for Holding up Ceiling-Paper while in Process of Hanging the Same, of which the following is a specification.

The invention or improvement consists in
10 the construction and combination of the different parts of said machine, as shown by letters of reference in the accompanying drawings, in which—

Figure 1 is a view, in perspective, of my device. Fig. 2 is a plan view of the rollers. Fig. 3 is a horizontal section on the line *x x* of Fig. 1, the different parts being in an upright
15 or working position.

The box or cylinder A is made of any length
20 or size required, and on each side, near the top or upper end, are fastened thereto, by butts and screws, legs B B B B, of the proper length and size required, and to each of said legs, opposite the bottom of box or cylinder A, is
25 fastened one end of braces C C C C, by bolt or screw, and the other end by a hook or pivot sliding into a hole made therein in a metal plate, D, which is substantially fastened to the bottom of box or cylinder A. A staff or
30 rod, E, made of hard wood and of the length and size required, is placed in the hollow or cavity left in said box or cylinder A for that purpose, and on the top end of which is fastened a cap, F, made of metal, the lower end
35 having therein a socket fitting onto said staff or rod E, and made fast thereto by screws. The upper side of said cap is left half-round, to receive and hold a metal cylinder, G, substantially fastened therein, and through which
40 a rod or shaft, H, made of hard wood or metal, runs, and on each end are fastened, by screws or pins, pieces I I, which I shall designate "arms," and in the ends of each is made a hole suitable to receive and hold
45 therein the journals of rollers J J, which operate therein.

The rod or shaft H, running through cylinder G, to which the arms are fastened, may be moved back and forth or roll in said cylinder G to any position required, and is made
50 fast by a small pin, L, running through holes made in or through cylinder G and shaft or rod H in such manner as to bring in use one or both rollers at the same time, at the option
55 of the operator.

The object of the improvements in my invention is in making the hanging of ceiling-paper still more easy by the use or application of two rollers at the same time, they being distant from and parallel to each other
60 any distance required, and also on the same level, making two bearings for the paper placed thereon, instead of one, and the operation being as follows:

The machine is set upright. The braces C
65 C C are made fast to box or cylinder A. The rod or shaft H is moved out, so that the ends of rollers J J will extend outside of the bottom of legs B B when placed next to the end wall, where first commencing, equidistant from the
70 side walls, and made fast by pin L, running through cylinder G and rod or shaft H. The paper is then cut into strips the required length, pasted, folded and trimmed, and placed on the rollers J J, which in an ordinary-sized
75 machine are intended to be from five to six feet apart; then partially unfold both ends of the strip, slide up the staff or rod E until the paper nearly touches the ceiling; and fasten
80 the same by turning the thumb-screw K, running through box or cylinder A, and pressing against the rod or staff E; then take one end of the strip to side wall, fasten it to the ceiling, smooth and adjust the same back to the
85 last roller; then take the other end of the strip to the ceiling, fasten and adjust the same, all of which can be easily done by one person without any other assistance than a step-ladder.

After hanging the first strip, the staff or rod
90 E being lowered, the shaft or rod H is slid back, so that the center of the rollers will be over the center of the machine, and so remain until hanging the last strip and borders.

For hanging forty-inch paper it requires
95 rollers of that length, the journals thereof being turned the proper size and equidistant from the ends, so as to fit into the holes in the ends of arms I I.

What I claim as my improvement is— 100

In a paper-hanging machine, the cap F, provided with the sleeve G, shaft H, arms I I, and rollers J J, in combination with the standard E, box A, and legs or supports B, when constructed substantially as described and for
105 the purpose set forth.

ALFRED CLEMONS.

Witnesses:

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