

(Model.)

G. H. RICHARDS.

BACKGROUND FRAME FOR PHOTOGRAPHERS.

No. 253,101.

Patented Jan. 31, 1882.

Fig. 1.

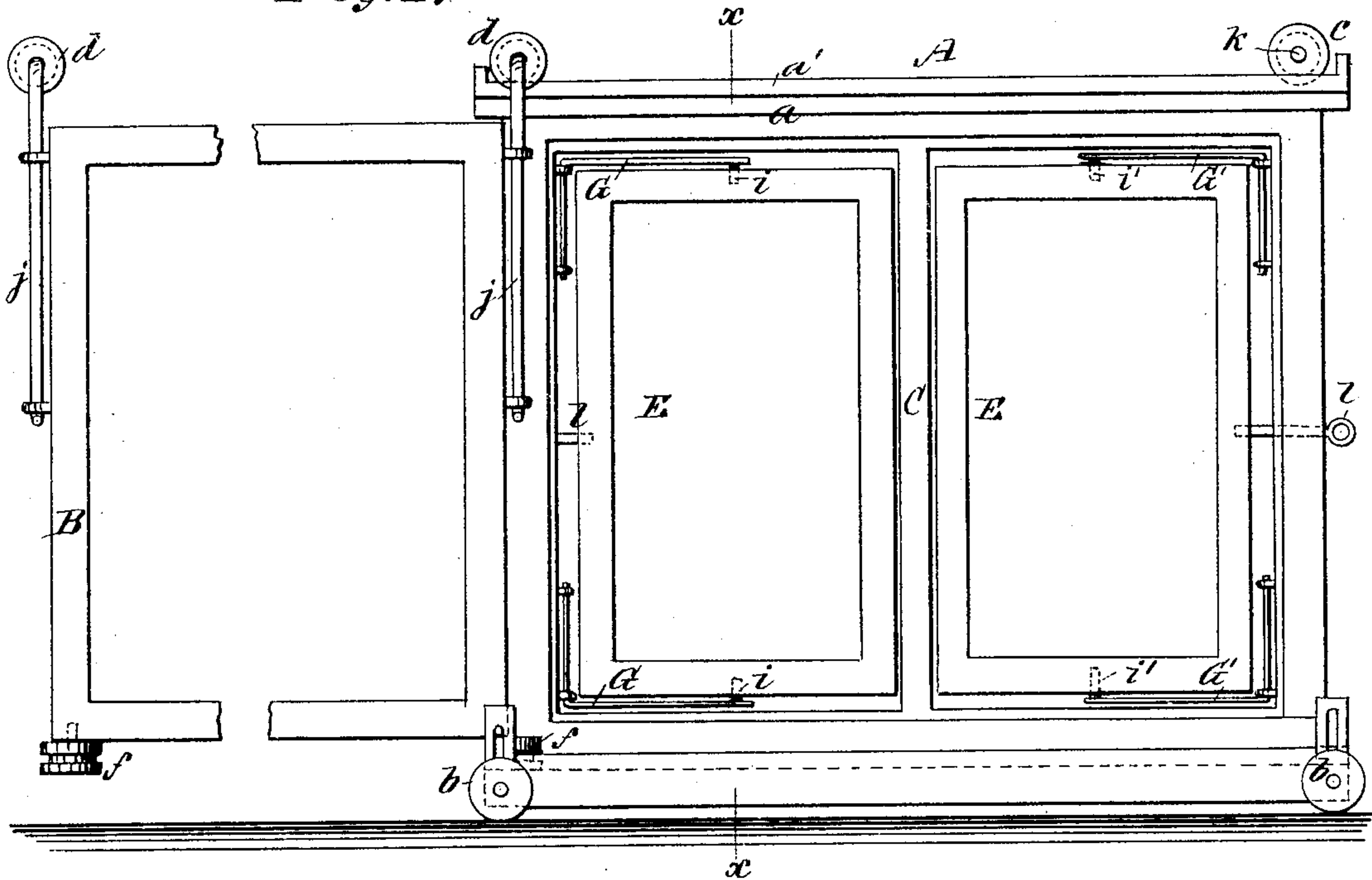
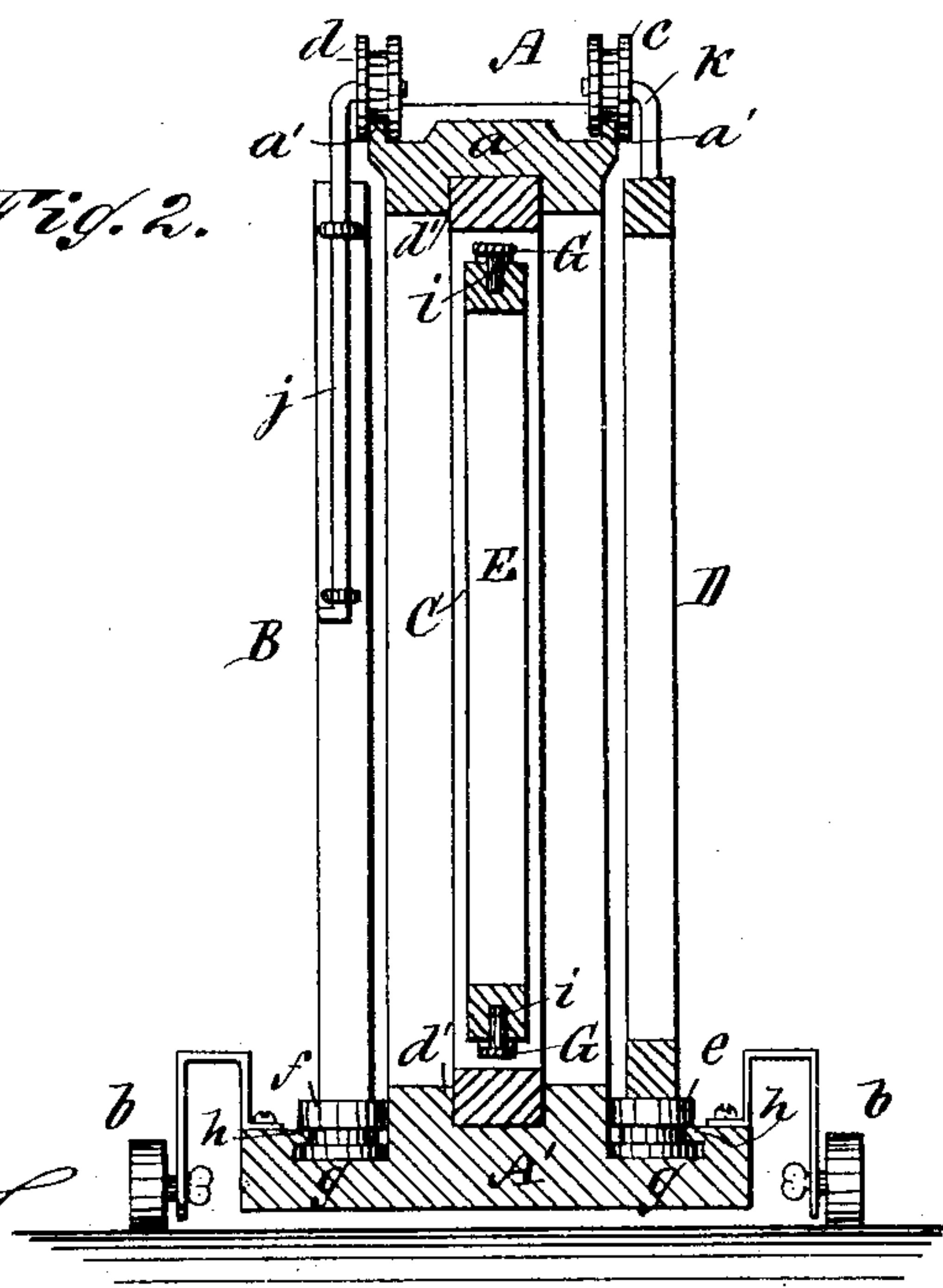


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE H. RICHARDS, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
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BACKGROUND-FRAME FOR PHOTOGRAPHERS.

SPECIFICATION forming part of Letters Patent No. 253,101, dated January 31, 1882.

Application filed December 6, 1881. (Model.)

To all whom it may concern:

Be it known that I, GEORGE H. RICHARDS, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and Improved Background-Frame for Photographers' Use, of which the following is a full, clear, and exact description.

The object of my invention is to provide folding or closing scenery or background frames united in such manner that several frames are joined and compactly held, and so that any one or more of them may be drawn out and set at the proper angle for use.

The invention consists principally of a main frame, in combination with sliding or moving scenery-frames. The scenery-frames are made reversible, and the main frame is adjustable to different heights, which also constitute principal features of my invention.

The invention also consists in the details of construction and the combination and arrangement of parts, all as hereinafter more fully described.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a front elevation of my invention, one of the sliding scenery-frames being drawn out; and Fig. 2 is a sectional elevation of the same, taken on the line *xx* of Fig. 1.

A represents the main frame, which is supported upon the casters *b b*, which are adjustable for holding the frame at different heights; and B, C, and D represent the sliding scenery-frames. The frames D and B are upon the outside of the main frame, and are provided with the guttered rollers *c c* and *d d* at the top, which run upon the ways *a' a'*, formed on the upper bar or cross-piece, *a*, of the main frame, and with the horizontal guttered rollers *e e* and *f f* at the bottom, which run in the ways *g g*, formed in the bottom board, *A'*, of the main frame, the outer edges or flanges of the ways being formed with the lips *h h*, which fit in the gutters of the wheels, as shown in Fig. 2, and serve to keep the sliding frames in place in the main frame. The upper rollers, *c* and *d*, are journaled upon the bent rods *k k* and *j j*, which are attached to the sliding frames in such man-

ner as to act as hinges, so that after the frame has been drawn out from the main frame it may be set at any desired angle, the frame being free to turn on the roller *f* at the bottom.

The frame C is placed in the ways *d' d'* of the main frame, and carries the two panels or scenery-frames, E E. The frame C is adapted to be drawn out of the main frame to bring either one or both of the panels into position for use; or by swinging or drawing away the side frame which is in front of the frame C the panels E may be used without drawing out frame C from the main frame. The panels are reversible, so that either side may be brought into use by being pivoted in the frame C upon the studs *i i* and *i' i'*, formed on the ends of the bent rods G G and G' G', and the panels can be set at any angle by reason of the said rods G G' being secured to the vertical bars of the frame C in such manner as to serve as hinges for the panels. The panels are held in parallel position with the frame C by means of the pins *l l*, which pass through the outside vertical bars of the frame and enter suitable holes or catches formed in the side bars of the panels, as will be clearly understood.

By this construction it will be seen that the frames may be quickly and easily shifted to suit the circumstances, and so as to bring any desired scene or background into use; that the whole number of scenes will occupy but small space, and that the whole can be easily and quickly moved upon the rollers or casters *b*.

It will be understood that the outside frames, B and D, may be drawn out of the main frame in either direction, and that these frames may be reversed, so that the scene upon either side may be used.

I do not confine myself to any particular number of frames or scenes, as a greater or less number than I have shown in the drawings may be used and still involve the spirit of my invention.

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

1. The combination, with the vertically-adjustable main frame A, of the sliding scenery-frames B D, arranged upon the outside of said main frame, as and for the purpose specified.

2. The main frame A, in combination with

the scenery-frames B, C, and D, substantially as described.

3. The frame A, carrying the movable frames B, C, and D, in combination with the adjustable casters *b*, substantially as and for the purposes set forth.

4. The combination, with the frame C, of the two reversible panels E E, pivoted in frame C on the studs *i i'*, said studs forming a part of bent rods G G', secured to the vertical bars of frame C, as and for the purpose specified.

5. The frame B, provided with the wheels *f* at the bottom and the wheels *d* at the top, in combination with the gutter *g*, and the way *a* of the main frame, the wheels *d* being journaled upon the rod *j*, which is loosely connected to the frame, substantially as and for the purposes set forth.

GEORGE H. RICHARDS.

Witnesses:

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