

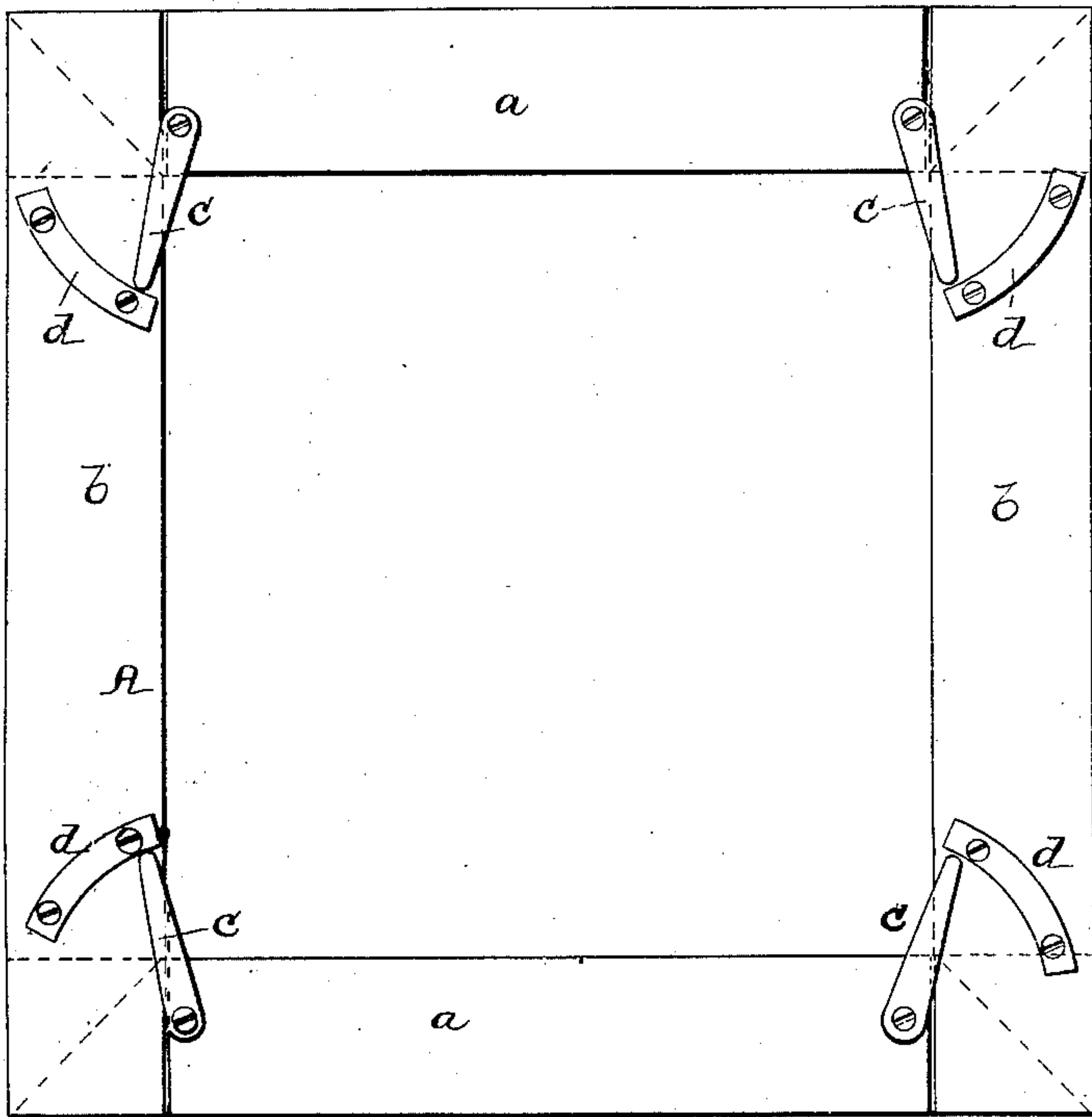
C. Dowd

Canvas Stretcher,

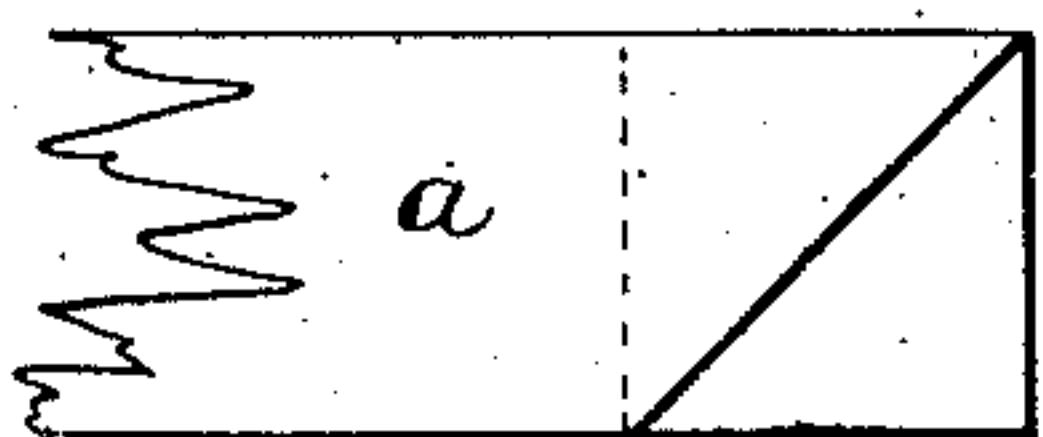
Nº 55,579.

Patented June 12, 1866.

Fig; 1.



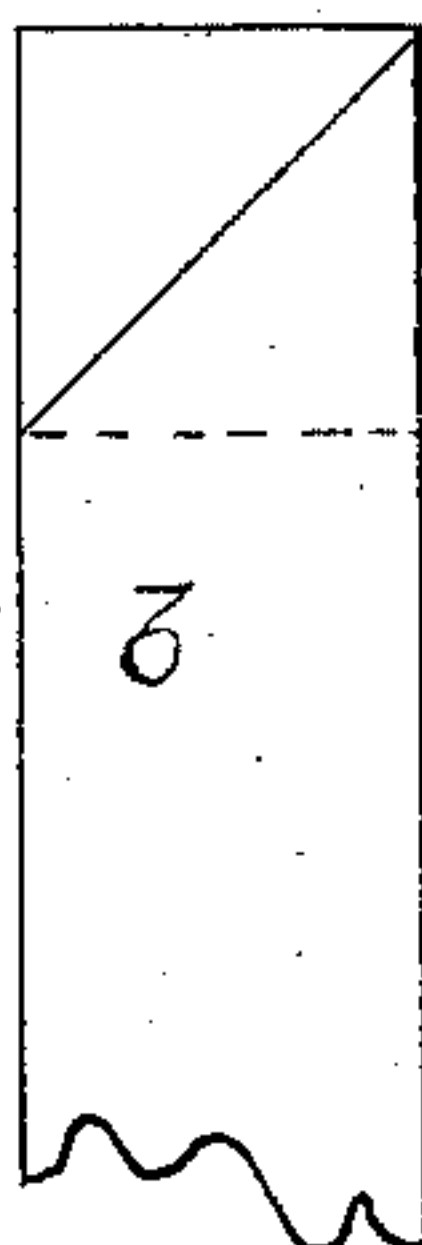
Fig; 2.



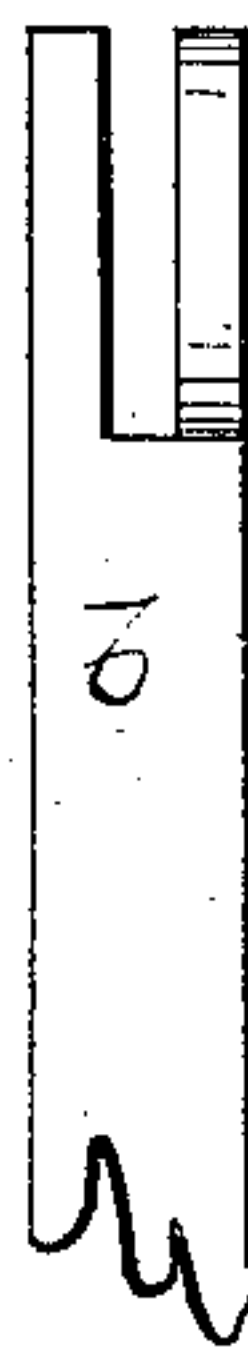
Fig; 3.



Fig; 4.



Fig; 5.



Witnesses;
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UNITED STATES PATENT OFFICE.

CHAUNCEY DOWD, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO H. W. GEAR, OF NEW YORK CITY.

CANVAS-STRETCHER.

Specification forming part of Letters Patent No. 55,579, dated June 12, 1866.

To all whom it may concern:

Be it known that I, CHAUNCEY DOWD, of New Haven, in the county of New Haven and State of Connecticut, have invented a new and Improved Canvas-Stretcher; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a rear elevation of this invention. Figs. 2, 3, 4, and 5 are details to illustrate the construction of the canvas-stretcher.

Similar letters of reference indicate like parts.

This invention consists of a frame composed of movable strips, and provided with swivel-buttons and eccentric abutting-plates in such a manner that when the canvas is secured to the movable strips of the frame by turning the swivel-buttons against the eccentric abutting-plates the frame is spread and the canvas stretched to any desired extent.

A represents a frame, which is composed of four strips, *a b*, that are loosely connected at their corners, the strips *a* being provided with miter-shaped tongues, which fit into corresponding grooves in the ends of the strips *b* in such a manner that the frame can be expanded or contracted within certain limits.

The canvas is secured to the edges of the

strips *a b* by tacks or any other suitable means in the ordinary manner, and said strips are prevented from separating by the action of the canvas itself.

To the under surface of the strips *a* are secured the swivel-buttons *c*; and the points or ends of these buttons can be made to bear against eccentric abutting-plates *d*, which are fastened in the proper positions to the under surface of the strips *b*, as clearly shown in Fig. 1 of the drawings.

By turning the buttons against the abutting-plates the frame *A* is spread or expanded and the canvas is stretched.

The attachment of the swivel-buttons and eccentric-abutting-plates causes but a trifling expense, and a canvas-stretcher is obtained which is cheap, easily operated, and of great convenience for artists.

What I claim as new, and desire to secure by Letters Patent, is—

The swivel-buttons *c* and eccentric abutting-plates *d*, in combination with the strips *a b* of the frame *A*, constructed and operating substantially as and for the purpose described.

The above specification of my invention signed by me this 7th day of March, 1866.

CHAUNCEY DOWD.

Witnesses:

J. A. WOOD,
WM. E. FOSTER.