

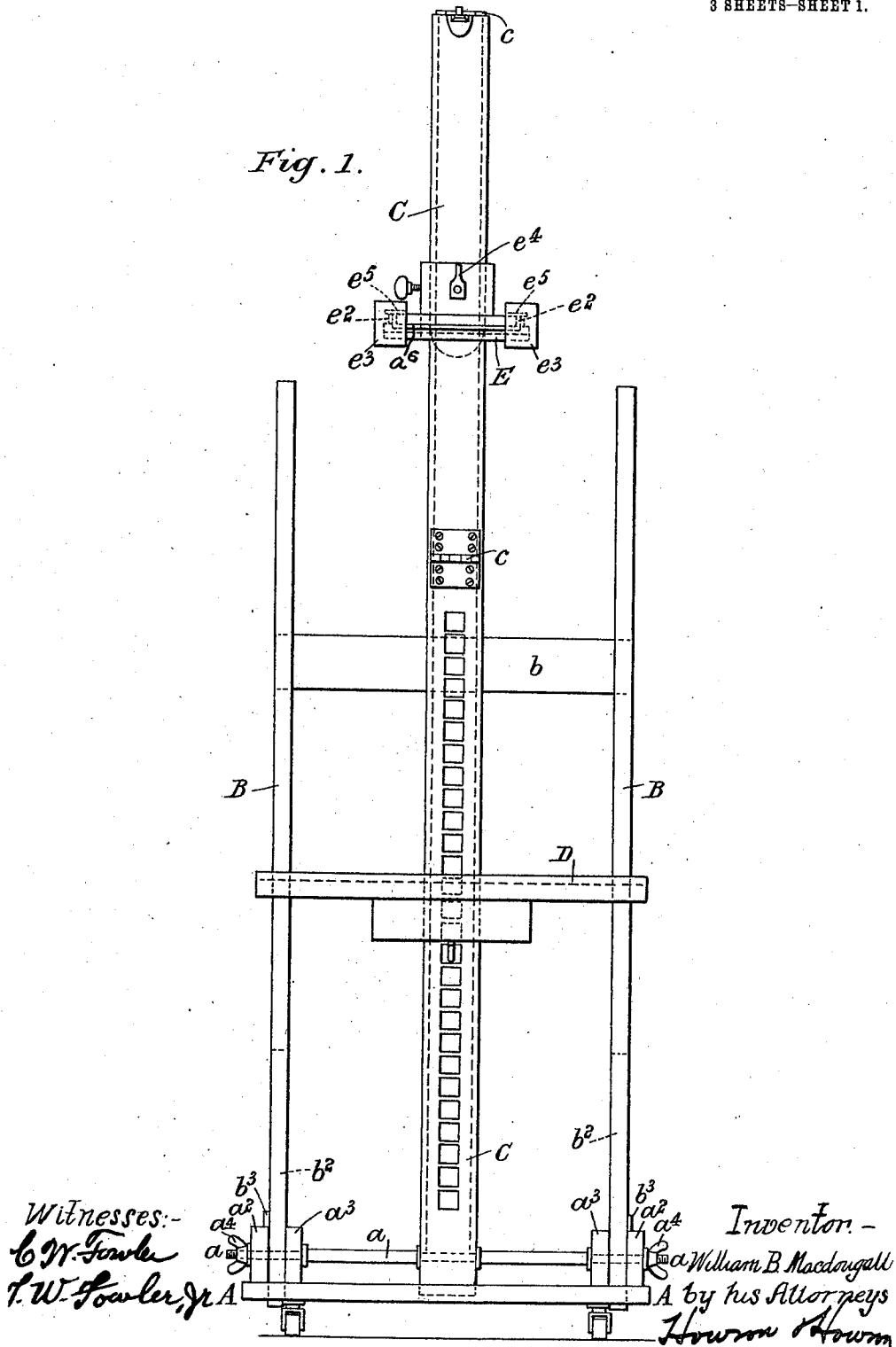
W. B. MACDOUGALL.
ARTIST'S STUDIO EASEL AND THE LIKE.
APPLICATION FILED JULY 13, 1911.

1,002,167.

Patented Aug. 29, 1911.

3 SHEETS—SHEET 1.

Fig. 1.



Witnesses:-

C. W. Fowler

T. W. Fowler, Jr.

Inventor:-

W. B. MacDougall

by his Attorneys

Howan Howan

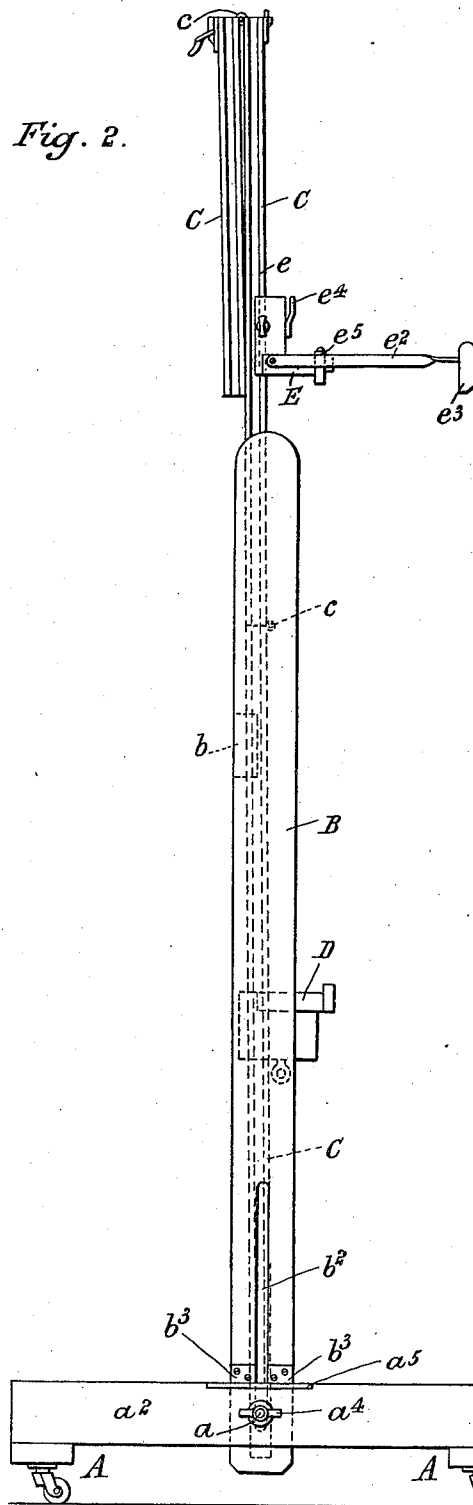
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3 SHEETS-SHEET 2.

Fig. 2.



Witnesses:-
B. W. Fowler
J. W. Fowler, Jr.

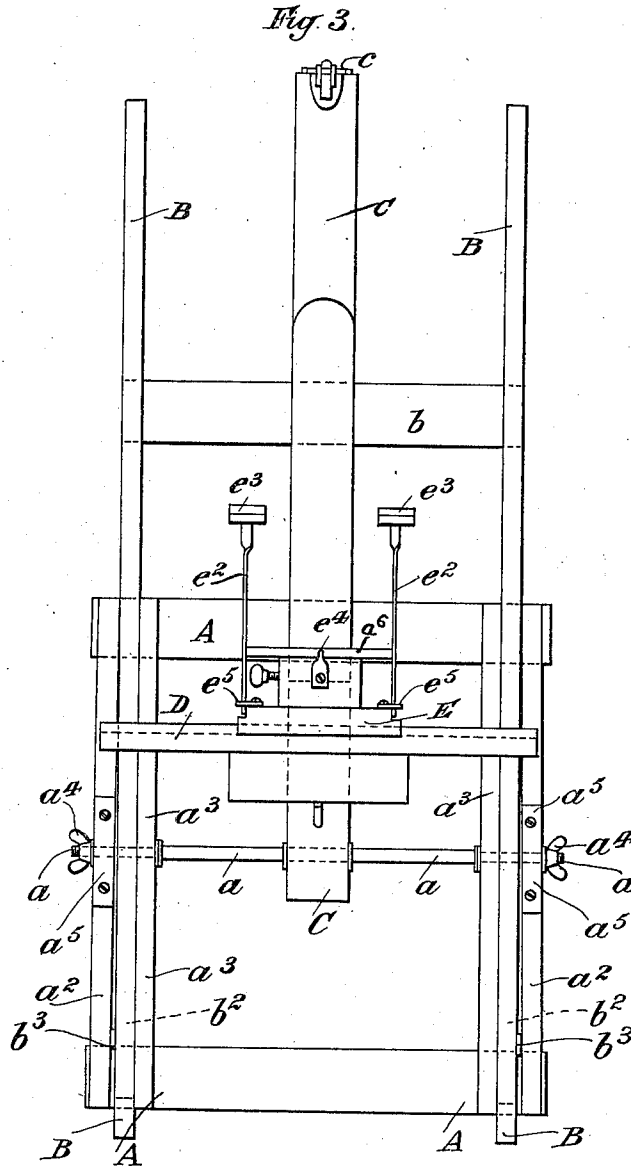
Inventor.-
William B. Macdougall
by his Attorneys
Howron Howron

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3 SHEETS—SHEET 3.



Witnesses:-
G. W. Fowler
G. W. Fowler, Jr.

Inventor:-
William B. Macdougall
by his Attorneys
Horton Horton

UNITED STATES PATENT OFFICE.

WILLIAM BROWN MACDOUGALL, OF OVERDALE, LOUGHTON, ENGLAND, ASSIGNOR OF
ONE-HALF TO VINCENT NELLO, OF LOUGHTON, ENGLAND.

ARTIST'S STUDIO-EASEL AND THE LIKE.

1,002,167.

Specification of Letters Patent.

Patented Aug. 29, 1911.

Application filed July 13, 1911. Serial No. 638,310.

To all whom it may concern:

Be it known that I, WILLIAM BROWN MACDOUGALL, a subject of the King of Great Britain and Ireland, of Overdale, Uplands
5 Park avenue, Loughton, in the county of Essex, England, have invented new and useful Improvements in Artists' Studio-Easels and the Like, of which the following is a specification.

10 This invention relates to artists' studio-easels, and the like, used for supporting canvases, panels, or the like, during painting, or for supporting pictures, engraving, or the like, for exhibition, which easels are
15 foldable and the object of this invention is to provide an easel which can be more easily and quickly folded without disconnecting, or detaching, any of the parts and secured in a small compass for transit, or storage,
20 and be readily set up and fixed in position for use, and which is light for transit, rigid in use, and of economical construction, and which is capable of supporting comparatively large canvases, panels, or the
25 like, a part, or parts, being adapted to be folded to reduce, if desired, the height of the said easel when it is required to support small canvases, panels, or the like.

According to this invention the base of
30 the easel has side uprights connected thereto by a slotted connection so that they can be turned down parallel with the said base and be slid along thereon to render the parts compact, when the easel is taken down for
35 transit, or storage. Suitably mounted between the said side uprights is an upright, or uprights, in lengths hinged together and provided with means for supporting and holding the canvas, panel, or the like, the
40 said upright, or uprights, being arranged so that it, or they, when the hinged portions are folded together can be turned down to lie parallel with the side uprights and the base, for the sake of additional compactness
45 when the easel is taken down for transit or storage, as aforesaid.

The accompanying drawing represents an easel constructed in accordance with this invention Figures 1 and 2 showing in front
50 and side elevations respectively the easel set up and fixed in position for use and Fig. 3 showing in plan the easel folded and secured in a small compass for transit, or storage.

55 The improved easel is made with a base

A with which are connected side uprights B, and between these, an upright C, or uprights (I will presume there to be one such upright midway between the side uprights). The said side uprights B, are so connected
60 with the base A, preferably by a center-rod a passing transversely through these uprights B, and the mid upright C, and through the side members of the base, that the uprights can be turned down to be parallel, and in line, with the said side members of the base. The mid upright C, is made in lengths connected together by hinges, or the like, as at c , so that they can be folded upon each other and brought into
65 line with each other as required, fastenings being provided to secure them in position. Adjustable upon this mid upright C, is a ledge, or lower support, D, for the canvases, or the like, which ledge, or support,
70 D, can be secured in position in any convenient way, such as, for example, by means of a rack and catch as is usual in ordinary easels, and there can be also provided an upper support for the canvases, or the like,
75 which upper support preferably consists of a piece E embracing, and capable of sliding vertically on, the said upright C, by tongues and grooves as at e or otherwise, and provided with means for fixing it in its
80 adjusted position. Arms e^2 are hinged to this piece E, the said arms being preferably connected by a bar as shown at a^0 and held down by turn buttons e^5 and having pieces
85 e^3 which come over the upper edge of the canvas, or the like, and hold it in the required position.

When the easel is to be folded, the ledge, or lower support D, is brought to its lowest position on the mid upright C, and then
90 the upper support E, is lowered down to it, the arms e^2 of the upper support being folded and secured by any suitable fastening such as the button e^4 . The hinged members constituting the mid upright C, are folded
95 upon each other and then this folded upright and the side uprights B (all of which uprights may be connected together by a cross-piece b ,) are folded down so that they are parallel to, and in line with, the side members of the base A. The said side members can each be made, for example, of two parallel strips, a^2 , a^3 , the ones a^2 being movable
100 sidewise, between which strips the side uprights B, turn and lie when they are folded
105 110

down and the uprights can be supported in any required position by being gripped between the said strips by screw-nuts a^4 screwed on each projecting end of the rod a upon which the uprights turn. The openings in the side uprights B, through which the said center-rod, a , or the equivalent center, passes, are formed as long slots b^2 allowing the uprights, when vertical, to be pushed down so that their ends come onto the floor and to be moved back when folded down so as to shorten the length of the folded easel. The uprights can be kept rigid by the side uprights being engaged with the movable base strips in any suitable way or the said uprights can have plates b^3 fixed to them, one on each side of the slot, and these, when the easel is in use, can rest upon a plate, or plates, a^5 fixed to the top of each of the base strips a^2 .

What I claim is:—

1. An easel comprising a horizontal base member, uprights on opposite sides thereof, a sliding engagement between said uprights and said base member, said engaging parts being so proportioned that said uprights may not only be turned down parallel with said base but also slid along in this position to render the folded parts compact when the easel is taken down, in combination with an upright between said side members for carrying a canvas, picture or the like, said upright being pivoted to the base so that it may also be turned down to lie parallel therewith to form a compact *ensemble* when the easel is taken down for travel, storage or the like.

2. An easel comprising a horizontal base, a transverse rod passing centrally from side to side of said base, side uprights engaging said rod through a slotted connection such that said side uprights may be turned down parallel to said base and slid along in this position, in combination with a canvas-sup-

porting center upright between said side uprights, said center upright being pivoted on said rod so that it may also be turned down parallel to said base to form a compact *ensemble* when the easel is taken down for travel, storage or the like.

3. An easel comprising a horizontal base, a transverse rod passing centrally from side to side of said base, side uprights engaging said rod through a slotted connection such that said side uprights may be turned down parallel to said base and slid along in this position, in combination with a canvas-supporting center upright between said side uprights, said center upright comprising a plurality of sections foldably joined together, the lowermost section being pivoted on said rod so that said center upright may also be turned down and folded together to form a compact *ensemble* when the easel is taken down for travel, storage or the like.

4. An easel comprising a horizontal base, a transverse rod passing centrally from side to side of said base, side uprights engaging said rod through a slotted connection such that said side uprights may be turned down parallel to said base and slid along in this position, in combination with a canvas supporting center upright between said side uprights, said center upright being pivoted on said rod so that it may also be turned down parallel to said base to form a compact *ensemble* when the easel is taken down for travel, storage or the like, together with means in connection with said transverse rod for clamping said side uprights in raised position, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WM. BROWN MACDOUGALL.

Witnesses:

G. F. TYSON,
CHARLES H. BAKER.