(No Model.)

D. M. IRELAND.

EASEL.

No. 299,391. Patented May 27, 1884.

Fig. 1

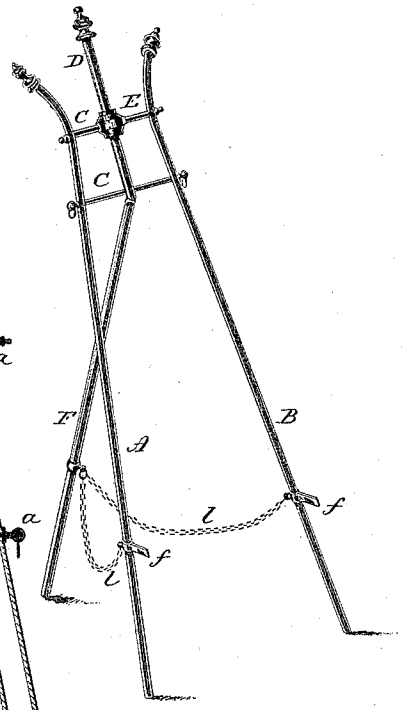


Fig. 2

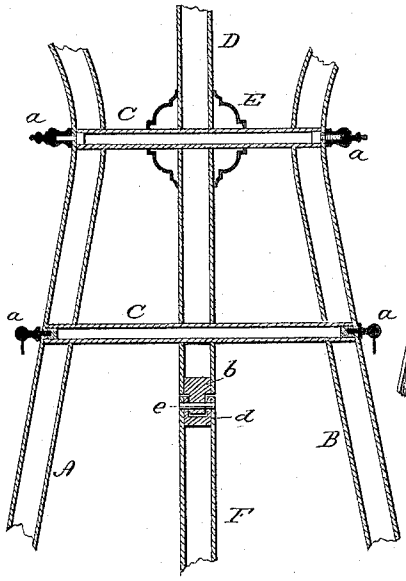


Fig. 3

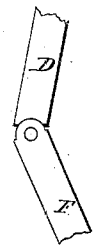
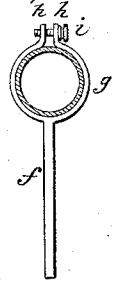


Fig. 4



Witnesses.
J. K. Shumway
Jos. C. Earle

David M. Ireland
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By Atty
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N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

DAVID M. IRELAND, OF WATERBURY, CONNECTICUT, ASSIGNOR OF ONE-HALF TO HENRY A. MATTHEWS, OF SAME PLACE.

EASEL.

SPECIFICATION forming part of Letters Patent No. 299,391, dated May 27, 1884.

Application filed March 22, 1884. (No model.)

To all whom it may concern:

Be it known that I, DAVID M. IRELAND, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new Improvement in Easels; and I do hereby declare the following, when taken in connection with accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a perspective view; Fig. 2, a vertical section enlarged to show the connection of the parts; Fig. 3, a side view of the brace and vertical piece D, showing the hinge-joint; Fig. 4, one of the holders detached.

This invention relates to an improvement in easels, the object of the invention being to make the easel from metal tubing, whereby a highly ornamental appearance will be given it; and the invention consists in the construction as hereinafter described, and particularly recited in the claims.

A B represent the two uprights, which are made from tubing, straight or bent into any desirable curves for ornamental effect. These uprights are connected by cross-bars C C, one or more, which enter a hole upon the inside of each of the uprights, then secured by a screw or nut, *a*, upon the outside, as seen in Fig. 2. These firmly unite the two uprights. To attach the brace I arrange a central vertical piece, D, through which the cross-pieces C C pass, as seen in Fig. 2, arranging any suitable boss, E, at the intersection of the cross-pieces with the vertical piece, for support and ornamentation.

F is the brace, hinged by its upper end to the central piece, D. This hinge is formed by introducing a plug, *b*, into the vertical piece D, and a like plug, *d*, into the brace F, as seen in Fig. 2, these two plugs forming the one a tongue and the other ears, between which the tongue stands, and a pintle, *e*, through them, so as to form the hinge, and whereby the brace may be set at any desired angle.

On the upright the holders *f* are arranged. One of these is shown detached in Fig. 4. These consist of an arm extending from a divided ring, *g*. This divided ring surrounds the uprights, its two ends having ears *h*, through one of which a binding-screw, *i*, is introduced to screw into the other ear, whereby the holder is securely clamped to the upright, and made adjustable to any desirable point of elevation. A chain, *l*, or other suitable device connects the uprights and brace, to prevent too great spread of the easel.

By making the easel of tubing I am enabled to present a highly-finished metal surface, and of a weight little, if any, more than that of wood, suitable for an easel of like style and character, but much stronger than wood of the same dimensions could be.

The cross-pieces C C may be made solid, connected in the same manner, without materially increasing the weight of the easel; yet I prefer to make the whole of tubing.

I do not claim, broadly, making parts of an easel from metal tubing, as such, I am aware, broadly considered, is not new.

I claim—

1. The herein-described easel, consisting of the two uprights A B, connected by cross-pieces C C, the vertical central piece, D, arranged upon said cross-pieces, and the brace F, hinged to said vertical piece D, the said uprights and brace made from tubing, all substantially as described.

2. The combination of the two uprights A B, made from metal tubing, connected near their upper end by cross-pieces C C, the vertical central piece, D, and brace F, also made from tubing, the meeting ends of said brace and piece D provided with corresponding plugs *b d*, constructed to form the hinge, substantially as described.

3. The combination of two uprights, A B, made of metal tubing, connected near their upper end, the hinged brace F, also made of tubing, the holders *f f*, each constructed with a divided ring, *g*, to embrace the standard, the ends of the ring having ears, with a binding-screw, *i*, through said ears, whereby the holders may be clamped upon the uprights, substantially as described.

D. M. IRELAND.

Witnesses:
FRANKLIN L. WELTON,
MORRIS ALCOTT.