

April 29, 1924.

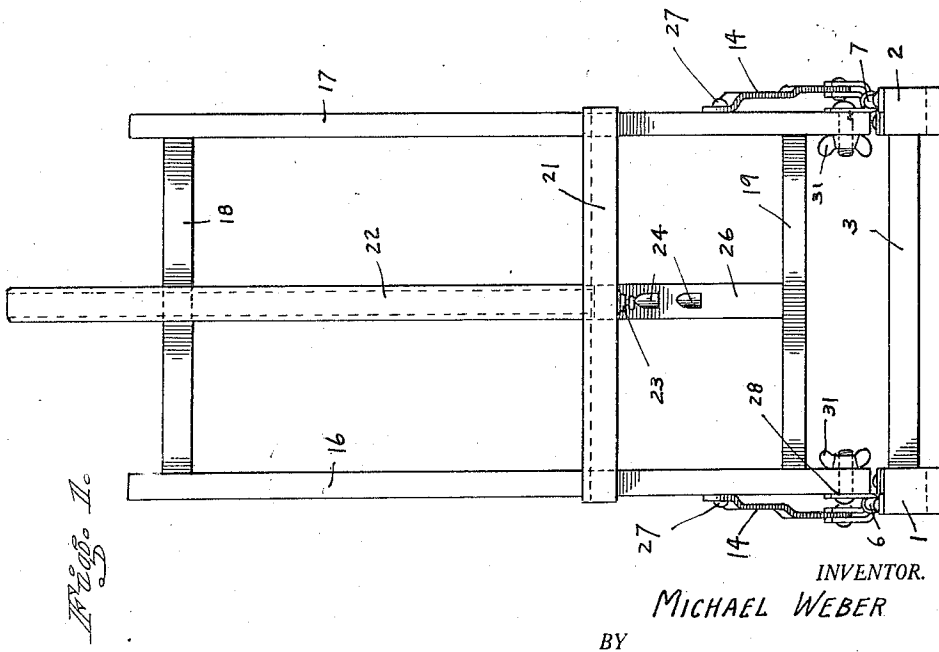
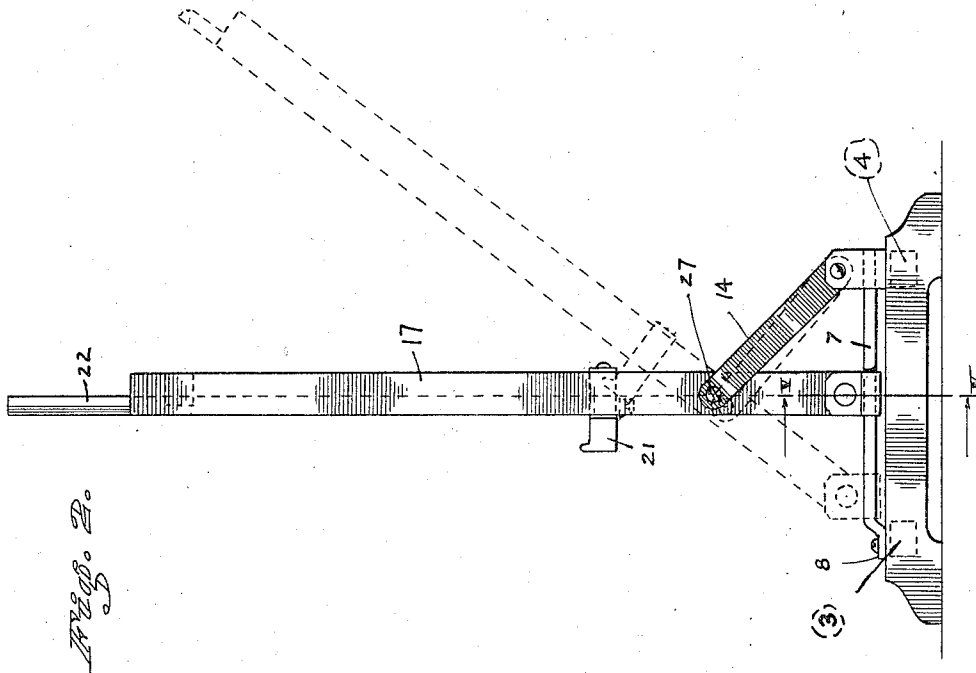
M. WEBER

1,492,008

EASEL

Filed Sept. 18, 1922

2 Sheets-Sheet 1



INVENTOR.

MICHAEL WEBER

BY

Bradley L. Benson

ATTORNEY.

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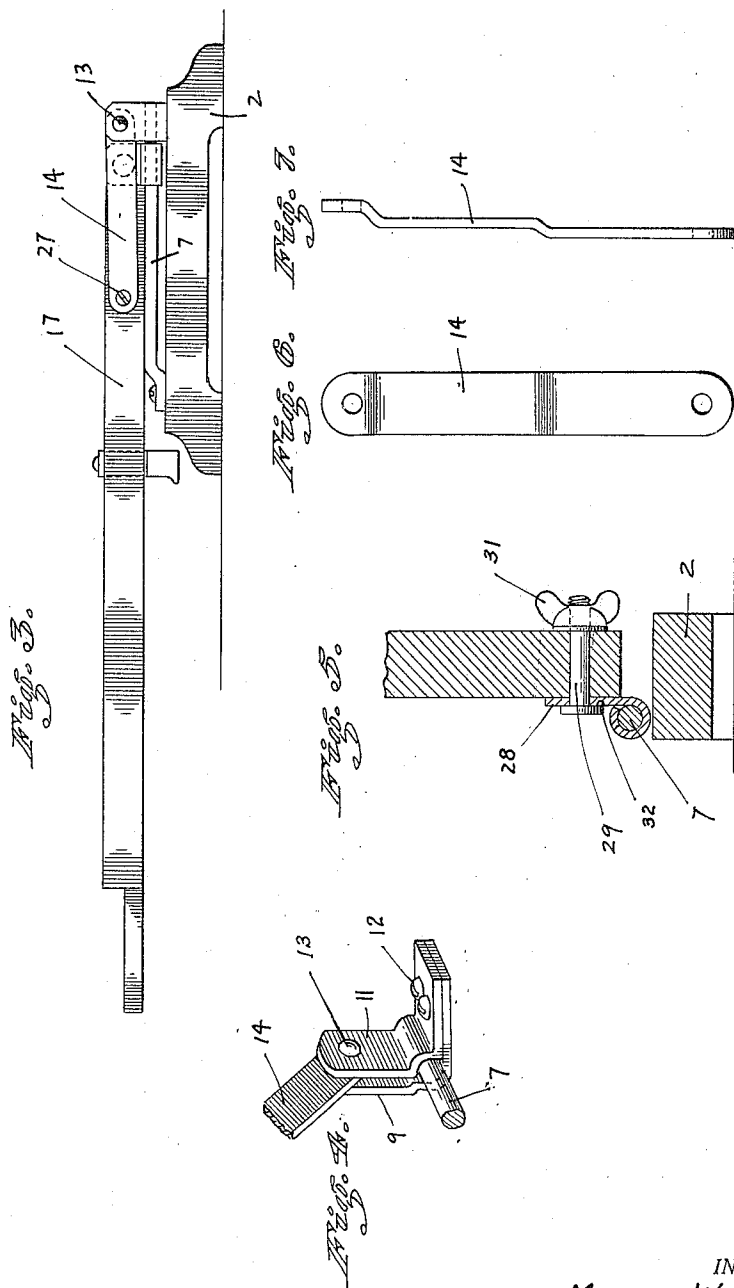
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2 Sheets-Sheet 2



INVENTOR.
MICHAEL WEBER
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UNITED STATES PATENT OFFICE.

MICHAEL WEBER, OF OAKLAND, CALIFORNIA.

EASEL.

Application filed September 18, 1922. Serial No. 588,842.

To all whom it may concern:

Be it known that I, MICHAEL WEBER, a citizen of the United States of America, residing at 1556 35th Avenue, Oakland, in the county of Alameda and State of California, have invented certain new and useful Improvements in Easels, of which the following is a specification.

The present invention is an improved easel and relates to means for supporting an artist's easel in different angular positions best suited to working conditions.

The objects of the invention include:

(1) The provision of a base, and an easel frame supported thereon, with means whereby the easel may be tilted with respect to the base and secured in any desired angular position;

(2) The provision of a sliding hinged connection between an easel and a base whereby the two may be folded on a common plane to facilitate storage or transportation;

(3) The provision of a sliding hinge connection which will frictionally engage or maintain the parts in various relative angular positions.

In this specification and the annexed drawings, the invention is illustrated in the form considered to be the best, but it is to be understood that the invention is not limited to such form, because it may be embodied in other forms, and it is also to be understood that in and by the claims following the description it is desired to cover the invention in whatever form it may be embodied.

In the accompanying two sheets of drawings, Figure 1 is a front elevation of an artist's easel, showing my invention thereon;

Fig. 2 is a side elevation of Fig. 1.

Fig. 3 is a side elevation of Fig. 1, but showing the device in collapsed position;

Fig. 4 is a perspective detail of a bearing;

Fig. 5 is a fragmentary section of Fig. 2, taken on the line V—V.

Fig. 6 is a front elevation of a brace arm;

Fig. 7 is a side elevation of Fig. 6.

Referring to the drawings, the numerals 1 and 2 indicate base members joined by cross members 3 and 4 to form a floor frame or standard.

At 6 and 7 I show rod members flattened and offset at one end as shown at 8. These flattened offset ends are secured near to the forward ends of the base members 1 and 2.

The rods 6 and 7 are engaged at the ends remote from the flattened portions between clip members 9 and 11, Fig. 4, which are secured as by screws 12 to the base members 1 and 2.

By this means the major central portions of the rods 6 and 7 are supported in parallel relation above the top surfaces of members 1 and 2.

The upturned ends of the clip members 9 and 11, Fig. 4, carry pivot pins 13 on which are pivoted at one end arms or braces 14, the opposite ends of which are pivotally connected with side members 16 and 17, which with cross members 18 and 19 form an easel frame. The easel frame carries the usual rest 21 provided with a vertical slide member 22 dovetailed into the member 18. A latch 23 engages notches 24 in a vertical member 26 of the easel frame and affords means for adjusting the height of the rest 21.

The ends of the arms 14 remote from pivot pins 13 are pivoted to the members 16 and 17, being held thereto by screws 27.

The easel frame proper is normally supported at the base by slide-bearing members 28, which are curved to embrace the rods 6 and 7. The curvature of these members is such that they will frictionally engage the rods 6 and 7 because of the resiliency of the metal of which they are formed.

In order to secure the easel frame in any desired angular position I provide bolts 29, Fig. 5, the heads of which draw the bearing members 28 securely against the members 16 and 17 when thumb nuts 31 are drawn up on the threaded ends of the bolts 29.

In order to prevent the rotation of the bolts 29 and slippage of the parts, I provide a lug 32 which seats in a depression formed in the members 28.

The operation of my device is as follows:

Assuming that the easel is in the vertical position shown in Fig. 2, and it is desired to change the inclination of the easel frame to the dotted position shown in said figure, the thumb nuts 31 are loosened and the base of the frame drawn forward to the desired position. The frame being fulcrumed on the screws 27, the arms 14 being pivoted at both ends will steady and lower the device in any position desired because of the frictional engagement of the bearings 28. When the desired relative angular positions of easel and base is satisfactory, the device may be

locked in this position by turning the thumb nuts 31.

When it is desired to collapse the device as shown in Fig. 3, the thumb nuts are loosened and the easel frame tilted forward till it lies in a plane parallel with that of the base. In this position, if the thumb nuts 31 are locked, the entire device will stand against the wall and occupy very little space.

I claim:—

1. An easel having a base and uprights, rod members secured at their ends to the base, at each side thereof, and having their mid portions above, and free of, the base, slide members mounted on and adapted to slide along and be guided by said rod mem-

bers, said uprights pivoted at their lower ends to said slide members, and radius bars pivotally connecting the base and the uprights at a point above the lower ends of the latter.

2. An easel having a base and uprights, a rod member at each side of the base, said rods having offset flattened portions at one end, clips engaging said rods at the ends remote from the flattened portions, a guide member mounted on and adapted to slide and be guided on said rods, the lower ends of said uprights pivoted to said guide members, and radius bars pivotally connecting said clips and said uprights.

In testimony whereof I affix my signature.

MICHAEL WEBER.