

Oct. 17, 1950

R. A. ZANDER

2,526,527

EASEL

Filed Nov. 26, 1948

2 Sheets-Sheet 1

Fig. 1.

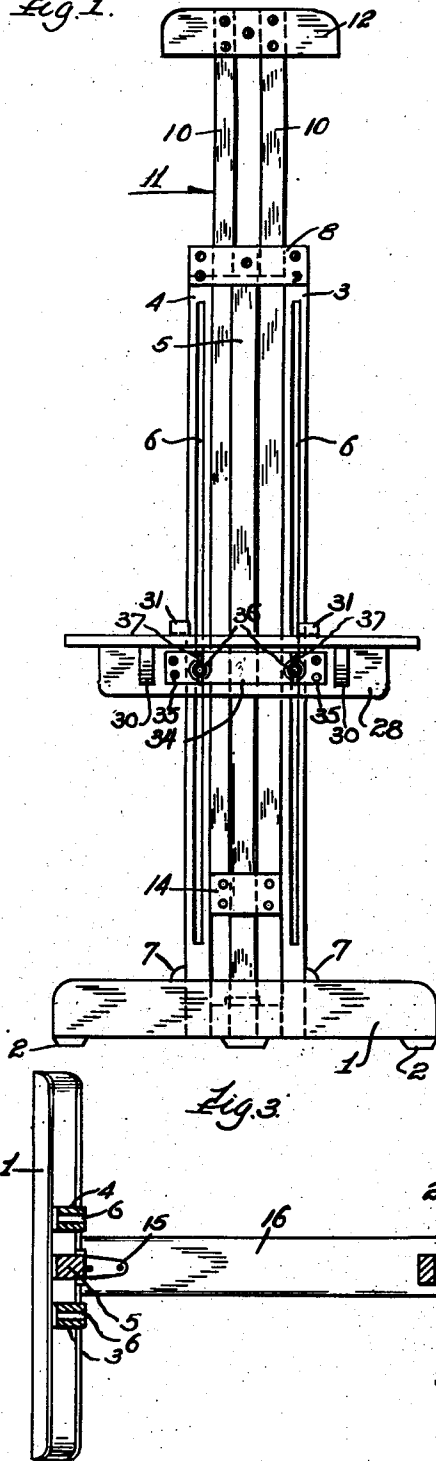


Fig. 2.

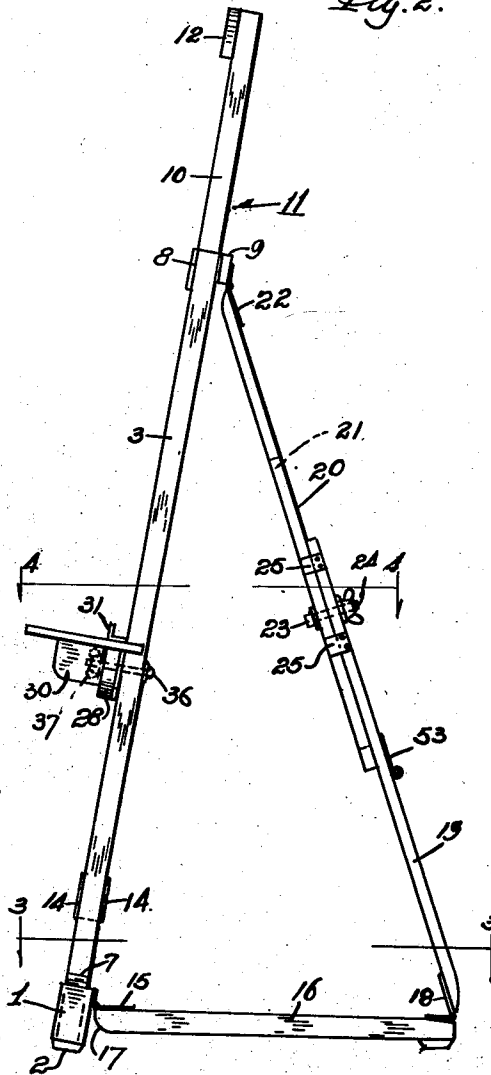


Fig. 3.

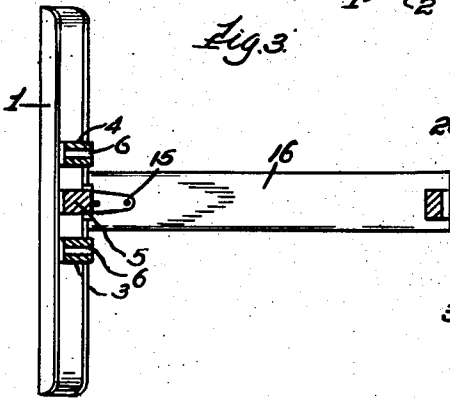
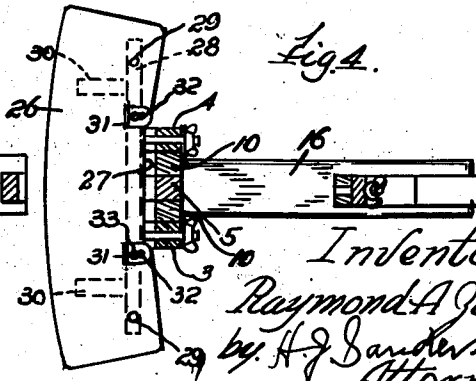


Fig. 4.



Inventor.
Raymond A Zander.
by H J Sanders
Attorney.

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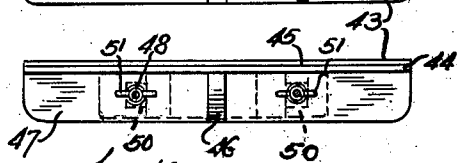
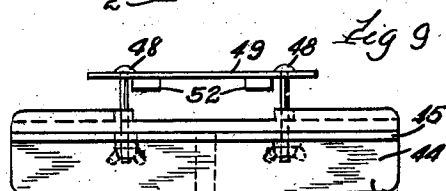
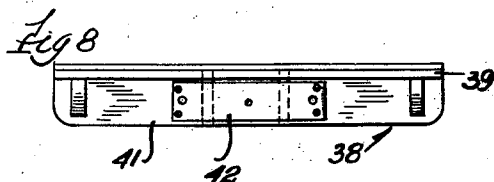
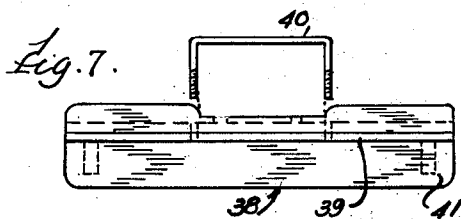
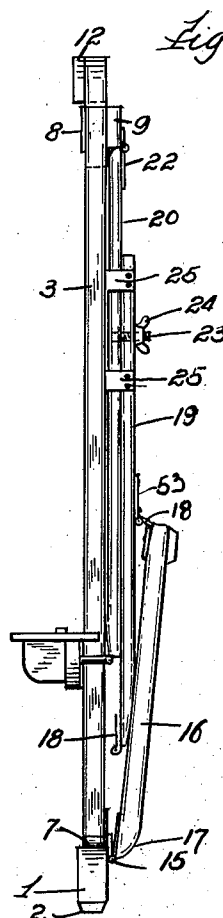
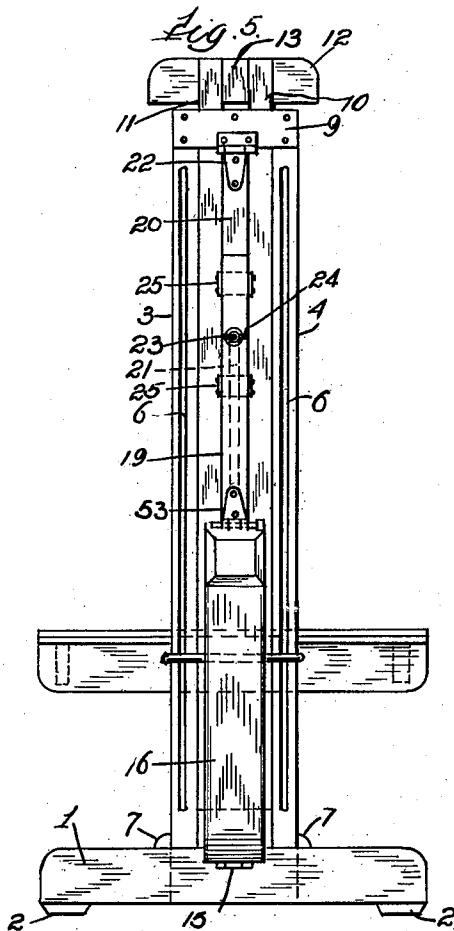
R. A. ZANDER

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2 Sheets-Sheet 2



Inventor.
Raymond A. Zander.
by H. J. Sanders
Attorney.

UNITED STATES PATENT OFFICE

2,526,527

EASEL

Raymond A. Zander, Chicago, Ill.

Application November 26, 1948, Serial No. 62,149

1 Claim. (Cl. 248—195)

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This invention relates to improvements in easels for artists' use generally although capable of other uses. One object is to provide an easel having adjustable and folding features that facilitate the work of artists of different stature and work of different types. A further object is to provide an easel adapted when not in use to be folded or collapsed to permit it to be stored, shipped or readily carried from place to place.

A further object is to provide an easel stoutly constructed but light in weight that is durable in use, inexpensive to manufacture and that is attractive in appearance. More specifically the invention resides in the arrangement and combination of parts and in the details of construction described in the specification and particularly pointed out in the appended claim. It is understood that I do not limit myself to the precise embodiment of the invention herewith as various changes may be made within the scope of what is claimed without departing from the spirit of the invention. I intend no limitations other than those imposed by the claims.

In the drawings:

Fig. 1 is a front or face view of an easel according to the invention.

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

Fig. 3 is a horizontal cross sectional view through Fig. 2 on the line 3—3.

Fig. 4 is a cross sectional view through Fig. 2 on the line 4—4.

Fig. 5 is a view of the easel in rear elevation, folded.

Fig. 6 is a view of Fig. 5 as seen from the side.

Fig. 7 is a top plan view of a modified form of tray that may be used.

Fig. 8 is a front or face view of the tray of Fig. 7 in elevation.

Fig. 9 is a further modified form of tray, and, Fig. 10 is a front or face view of the tray of Fig. 9.

The reference numeral 1 denotes a long narrow oblong base provided with feet 2, the greater extent of the base being of preferably solid construction except the central portion being hollowed out to receive the lower ends of the upright structure comprising the outer standards 3, 4 and the central standard 5, all of said standards spaced apart throughout their length, the outer standards formed with elongated slots 6 extending almost from end to end thereof. The lower ends of the standards are secured firmly in position in the hollow base portion by nails or like fastening means and the outer standards con-

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nected to the base by the small anchor blocks 7. The three standards are connected together at their upper ends by the face plate 8 across their front faces and by a block 9 across their rear faces.

Slidably received in the upright structure between the standards are the spaced bars 10, 10 of the extension 11, said bars being of a width and depth substantially common to that of the standards 3, 4, 5 but preferably of lesser length, said bars secured together by the head rest 12 and the stud 13 received between the bars and secured thereto and to the head rest by screws or the like. The bars 10, 10 at their lower ends are secured together by fore and aft plates 14 between which the standard 5 may be received in its movements incident to adjustment of the extension.

Secured to the rear face and longitudinal central portion of the base by the hinge 15 is the brace 16 having a beveled forward termination 17, said brace connected at its opposite end by the hinge 18 to the lower section 19 of the sectional leg 19, 20, the section 20 formed with a longitudinal central slot 21 and connected by the hinge 22 to the aforesaid block 9. A bolt 23 carried by the leg section 19 extends through the slot 21 and carries a wing nut 24 for tightening the sections together in adjusted position, the section 20 slidable along the face of section 19 through the straps 25, 25 of metal preferably and substantially U-shape, said straps secured to the section 19.

A tray 26 preferably of slightly arcuate shape is formed along a portion of its forward edge with a recess 27 to facilitate its application to the easel, a wing 28 secured to the lower face of the tray by screws 29 also having secured thereto the rests 30 that receive the table portion of the tray, said tray also having adjustably secured to its table portion the angular stops 31 formed with elongated slots 32 receiving the screws 33, this arrangement permitting adjustment of the stops when the screws are loosened. The wing 28 has secured thereto the plate 34 by screws 35 while bolts 36 extending through wing 28 and plate 34 extend through the elongated slots and receive wing nuts 37 to lock the tray in adjusted position upon the upright structure.

In lieu of the tray 26 a tray 38, Figs. 7 and 8, may be employed differing in the provision of a stop rail or bead 39 adjacent its forward edge, the edge of the tray remote from the upright structure being preferably straight and a U-shaped

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yoke 40 having threaded terminals passes about the upright structure and then through the wing 41 and plate 42, the threaded yoke terminals receiving wing nuts 37 to secure it in adjusted position, the yoke being movable longitudinally of the structure when the wing nuts are loosened. As shown in Figs. 9 and 10 the tray 43 has the table 44 provided with the rail or bead 45, the table supported by block 46 secured to the wing 47, said wing receiving bolts 48 that carry the anchor board 49 that together with said bolts forms a yoke for securing the tray to the upright structure, the bolts passing through the slots 6, 6 of said structure. Bearing blocks 50 receive the bolts 48 between the wing nuts 51 and wing 47 while similar blocks 52 secured to the anchor board bear against the upright structure.

In use the tray is to carry the tools and supplies such as paints, oils, etc. of the artist or user and the tray may be adjusted vertically along the upright structure. The canvas or the like may be rested against the bead or angular stops of the tray and the angle of the upright structure may be adjusted to the perpendicular by telescoping or extending the leg sections 19, 20.

When it is desired to fold or collapse the easel the brace 18 and the partially telescoped leg sections may be moved against the upright structure and retained in such position by the bolts and nuts 23, 24. Secured to the leg section 19 is one-half of a hinge 53 complimentary to one-half of the hinge 12, the latter having a re-

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movable pintle that permits removal of half of hinge 18 so that when folded with the brace 16 against leg section 19 the pintle may be used to connect the hinge halves carried by that leg section and brace as shown in Fig. 6.

What is claimed is:

In an easel, a base, an upright structure carried thereby, a sectional extensible leg secured to said structure, a half hinge carried by one leg section intermediate its extremities, a brace hinged to said base, a separable sectional hinge releasably connecting said brace to said one leg section, said leg sections in retracted position disposable against said upright structure, said brace in one position disposable against said one leg section, said separable sectional hinge in the last named position of said brace, with one hinge section removed, adapted for connection with said half hinge.

RAYMOND A. ZANDER.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
410,226	White	Sept. 3, 1889
2,032,872	Friedrichs	Mar. 3, 1936

FOREIGN PATENTS

Number	Country	Date
630,170	France	Aug. 13, 1927