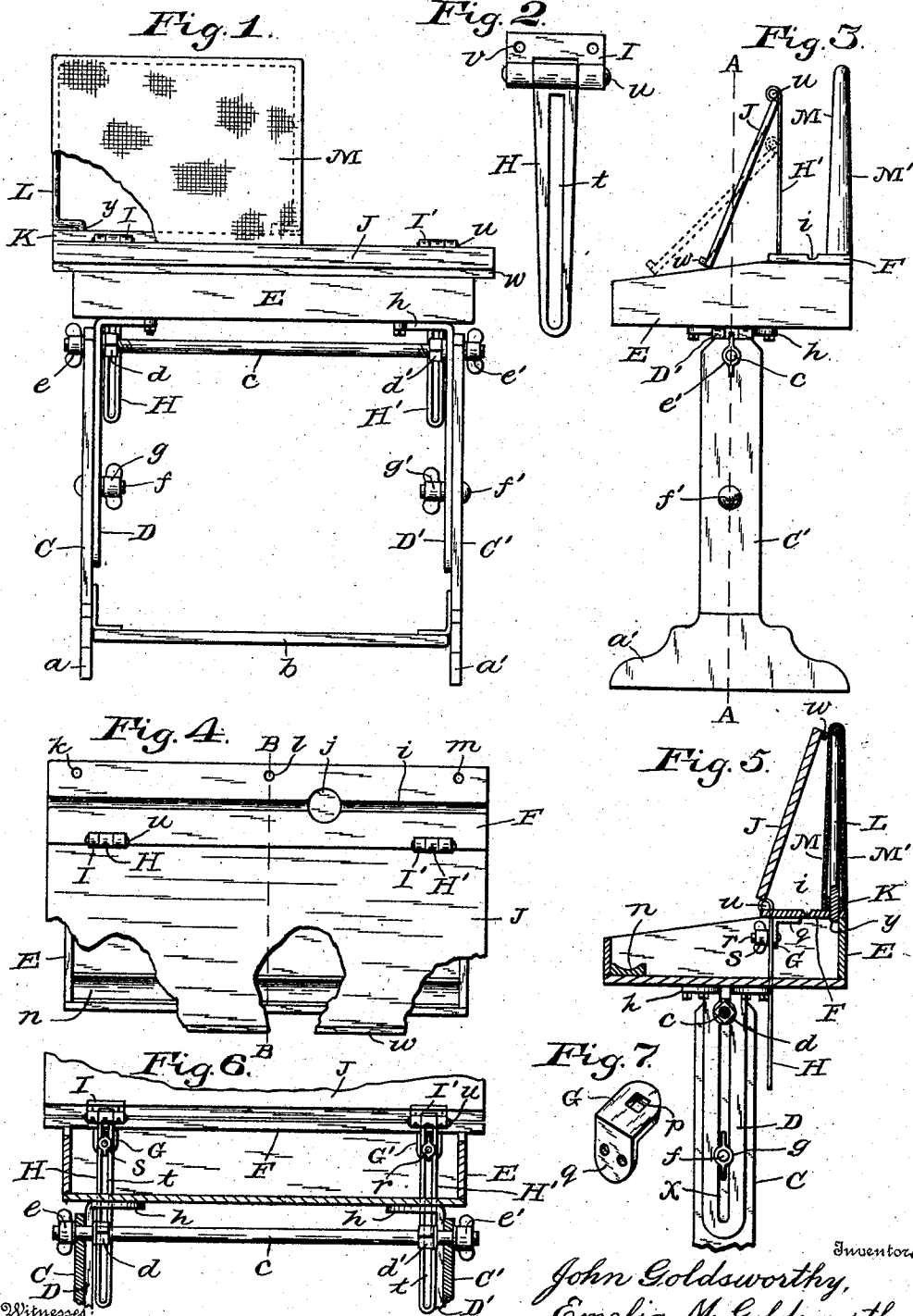


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J. & E. M. GOLDSWORTHY.
ADJUSTABLE ARTIST'S DESK AND EASEL.

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Witnessed:

Wm. H. Payne.
Stella Snider.

Inventors:
John Goldsworthy,
Emelia M. Goldsworthy,
by
C. T. Silvius,
Attorney.

UNITED STATES PATENT OFFICE.

JOHN GOLDSWORTHY AND EMELIA M. GOLDSWORTHY, OF INDIANAPOLIS,
INDIANA.

ADJUSTABLE ARTIST'S DESK AND EASEL.

No. 815,810.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, JOHN GOLDSWORTHY and EMELIA M. GOLDSWORTHY, citizens of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented new and useful Improvements in Adjustable Artists' Desks and Easels; and we do declare the following to be a full, clear, and exact description of the invention, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to furniture, particularly for use in schools; and it has reference especially to adjustable desks which are convertible into artists' easels at will.

Objects of the invention are to provide desks for students that may be used either as adjustable desks ordinarily or as artists' easels accompanied by receptacles for materials, books, and drawing instruments, all conveniently arranged, and to provide desks with adjustable writing-tables and also with copy-holders adapted to support also natural specimens conveniently before the students.

With the above-mentioned and minor objects in view the invention consists in a vertically-adjustable stand on which is mounted a desk-body provided with vertically-adjustable hinging-supports connecting a combined writing-table and easel to the body. The invention consists, further, in the novel parts and in the combinations and arrangements of parts, as hereinafter particularly described and claimed.

Referring to the drawings, Figure 1 is a front elevation of the complete article, of which a portion of the copy-holder is broken away; Fig. 2, a front elevation of one of the hinging-supports; Fig. 3, a side elevation of the invention arranged as an easel; Fig. 4, a fragmentary top plan of the article arranged as a writing-desk without the copy-holder; Fig. 5, a fragmentary transverse vertical sectional view as on the line B B in Fig. 4, with the copy-holder applied thereto and the table part elevated; Fig. 6, a fragmentary vertical longitudinal sectional view as on the line A A in Fig. 3, with the writing-table turned upwardly on its hinges; Fig. 7, a perspective view of the bracket of one of the hinging-supports of the combined table and easel.

Similar reference characters in the drawings designate corresponding elements or features.

In construction a vertically-adjustable stand is provided comprising pillars C, having a base *a*, and C', having a base *a'*, connected rigidly together by a brace *b* near the lower portions thereof and by a rod *c* near the tops thereof, the rod having adjusting-nuts *d* *d'* *e* *e'* on the end portions thereof. Extension-pieces D D', having slots *x*, also comprise parts of the pillars, against which they are placed and adjustably secured by the rod *c* and nuts *e* *e'* and by bolts *f* *f'* and nuts *g* *g'*, arranged below the rod *c*. The tops of the pieces D D' are provided with lateral branches *h*, upon which the body E of the desk is bolted, so as to be detached for packing and shipping purposes.

The desk-body E comprises a rear top part F, in the top of which is a groove *i* for holding pencils and the like, the part also having an aperture *j*, into which an ink-well may be set, and sockets *k*, *l*, and *m* for supporting the copy-holder in different positions. In the front of the body is a trough *n*, adapted to hold pencils, brushes, or the like, and it extends across the body on the bottom thereof.

The adjustable supports for the combined writing-table and easel comprise two brackets G and G' of identical form, each having a bolt-hole *p* to receive a bolt *r*, on which is a nut *s*, and two props H and H', having each a slot *t* therein, through which the bolt *r* extends, a prop being adjustably secured to the front of a bracket by the bolt and its nut, each bracket having a flange *q*, by which it is secured rigidly to the under side of the top part F at or near the forward edge thereof, the prop extending through the body-bottom.

The combined table and easel J, which also forms a lid for the desk-body, has two hinge parts I and I' secured thereto at the rear edge thereof, which are pivoted to the tops of the props H H' by pintles *u*, the hinge parts having screw-holes *v* to receive securing-screws. The lid part has a small ledge *w* on the front edge thereof to serve as a guard and rest, the lid being more or less inclined either upon the body as a lid or elevated as an easel.

The copy-holder comprises a base K, a metal frame L, and a fabric web attached to the frame and preferably comprising a front M and a back M', to which copies or speci-

mens may be attached by means of pins. The base rests upon the top part F, and the frame has projections *y* extending through the base into the sockets *k* and *l* and may be removed therefrom and inserted in the sockets *l* and *m*. Also the holder may be reversed, so that the back *M'* may be used as the front part when found desirable. The copy-holder is of suitable size to be stored on the bottom of the body of the desk when not in use.

In practical use the nuts *e e'* and *g g'* may be manipulated and the height of the desk-body adjusted to suit the student, and for writing or sketching thereon the lid part J may rest on the body, the props extending through the bottom thereof, or the props may be elevated more or less to suit the student and be held by the binding-nuts thereof, and the table or lid part may be turned upwardly on its hinges to gain access to the interior of the body. Anything that is to be copied may be pinned to the copy-holder or leaned against it. When an easel is desired, the props may be further elevated, so as to hold up the rear edge of the lid part, while the front edge thereof may rest upon the top of the body part, as in Fig. 3, the forward portion of the body being open, so that access may be had to the instruments therein.

Having thus described the invention, what is claimed as new is—

1. An artist's desk and easel combined including a desk-body with a fixed rear top part, brackets secured to the under side of the rear top part, a lid provided at the rear edge thereof with hinge members, and props pivoted to the hinge members and attached adjustably to the brackets.

2. An artist's desk and easel combined including a desk-body, a lid provided at the rear edge thereof with hinge members, props having slots therein and pivoted to the hinge members, brackets secured to the inner side of the desk-body and provided with bolts extending through the slots of the props, and thumb-nuts on the bolts and engaging the props.

3. An artist's desk and easel combined including a pair of pillars, a pair of extension-pieces having slots therein and provided with lateral branches at the tops thereof, devices securing the extension-pieces adjustably to the pillars, a desk-body secured fixedly to the lateral branches and provided in the interior thereof with fixed brackets, a lid provided at the rear edge thereof with hinge members, and props pivoted to the hinge members and attached adjustably to the brackets.

4. An artist's desk and easel combined including a pair of vertically-adjustable pillars with bases and having each a pair of lateral branches at the top thereof, a desk-body secured fixedly to the lateral branches of the

pillars and having a rear top part provided at the under side thereof with a pair of fixed brackets having binding devices, a lid provided at the rear edge thereof with a pair of hinge members fixed thereto, and a pair of props pivoted to the hinge members and attached adjustably to the brackets by the binding devices thereof.

5. An artist's desk and easel combined including a stand, a desk-body secured to the stand and comprising a rear top part in which is a groove and also sockets adjacent to the groove for supporting a copy-holder, a pair of brackets secured to the under side of the rear top part and provided with binding devices, a lid provided at the rear edge thereof with a pair of hinge members fixed thereto, and a pair of props pivoted to the hinge members and attached adjustably to the brackets by the binding devices thereof.

6. In an artist's desk and easel combined, the combination with a desk-body having a rear top part, and a lid, of a pair of brackets secured to the under side of the rear top part of the desk-body and having securing-bolts provided with thumb-nuts, a pair of hinge parts secured to the rear edge of the lid, and a pair of props pivoted to the hinge parts and having slots therein receiving the securing-bolts of the brackets, the props being engaged by the thumb-nuts of the securing-bolts.

7. In an artist's desk and easel combined, the combination of a pair of pillars with bases and having each a pair of bolt-holes therein, a pair of extension-pieces having each a slot therein and provided at the top thereof with a pair of lateral branches, a rod extending through the slots of both of the extension-pieces and also through one of the bolt-holes in each one of the pillars, thumb-nuts on the ends of the rod engaging the pillars, a pair of nuts on the rod opposed to the thumb-nuts at the inner sides of the extension-pieces, a pair of binding-bolts each extending through the other one of the bolt-holes of either pillar and also through the slot of the adjacent extension-piece, a desk-body secured to the lateral branches of the extension-pieces and having a trough extending across the front of the bottom thereof, the body having also a rear top part having a pair of brackets secured to the under side thereof, a lid provided with a pair of hinge members at the rear edge thereof, and a pair of props pivoted to the hinge members and attached adjustably to the pair of brackets.

In testimony whereof we affix our signatures in presence of two witnesses.

JOHN GOLDSWORTHY.

EMELIA M. GOLDSWORTHY.

Witnesses:

HARRY D. PIERSON,
E. T. SILVIUS.