E. M. & H. E. BROWN.

EMBALMING BOARD.

APPLICATION FILED MAY 13, 1913.

1,108,326.

Patented Aug. 25, 1914.

2 SHEETS—SHEET 1.

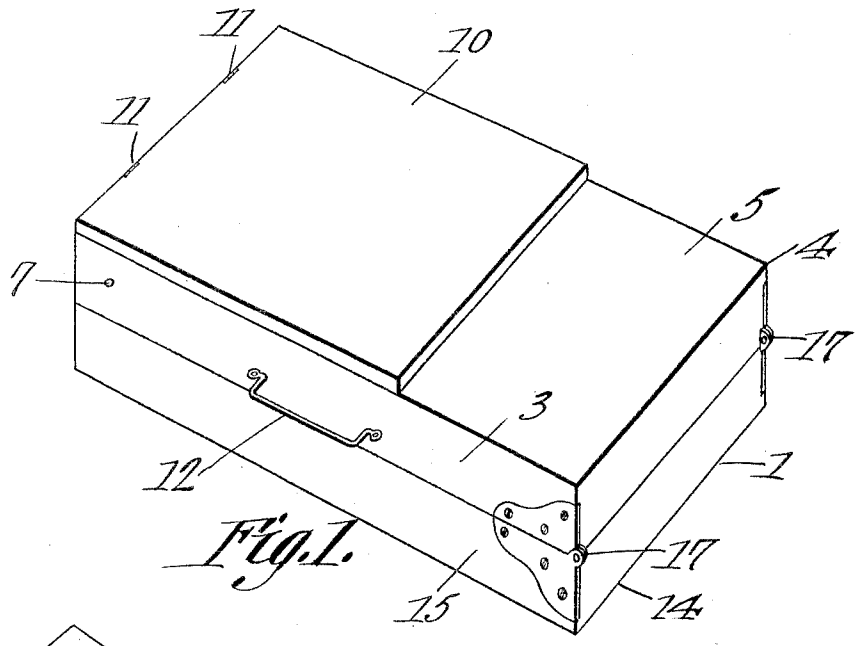


Fig. 1.

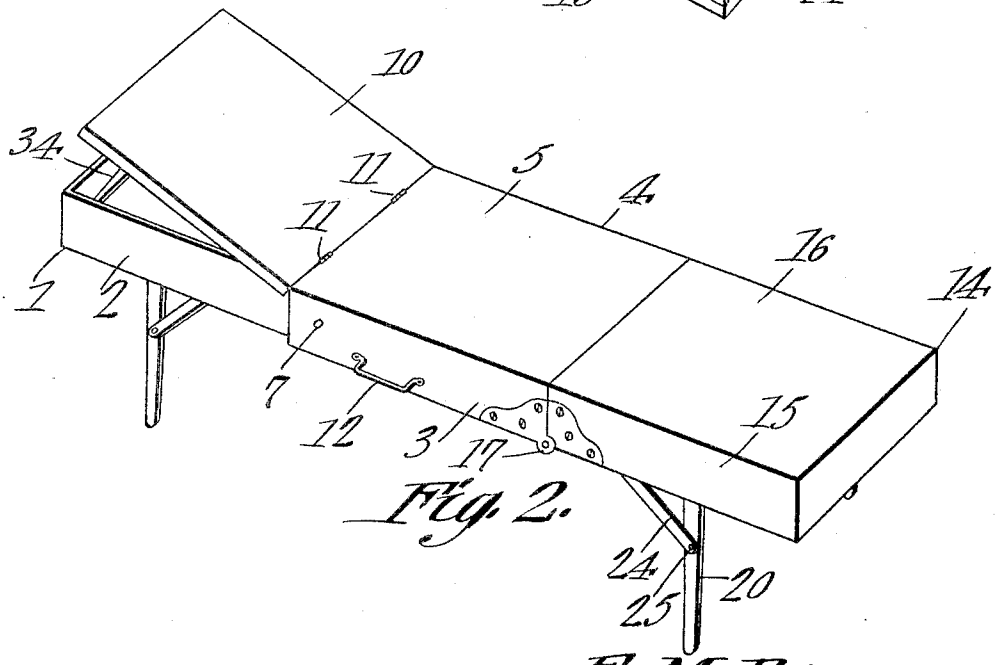


Fig. 2.

E. M. Brown and
H. E. Brown
Inventors

Witnesses

J. R. Gomein

S. Willson

by C. A. Snow & Co.

Attorneys

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

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2 SHEETS—SHEET 2.

Fig. 3.

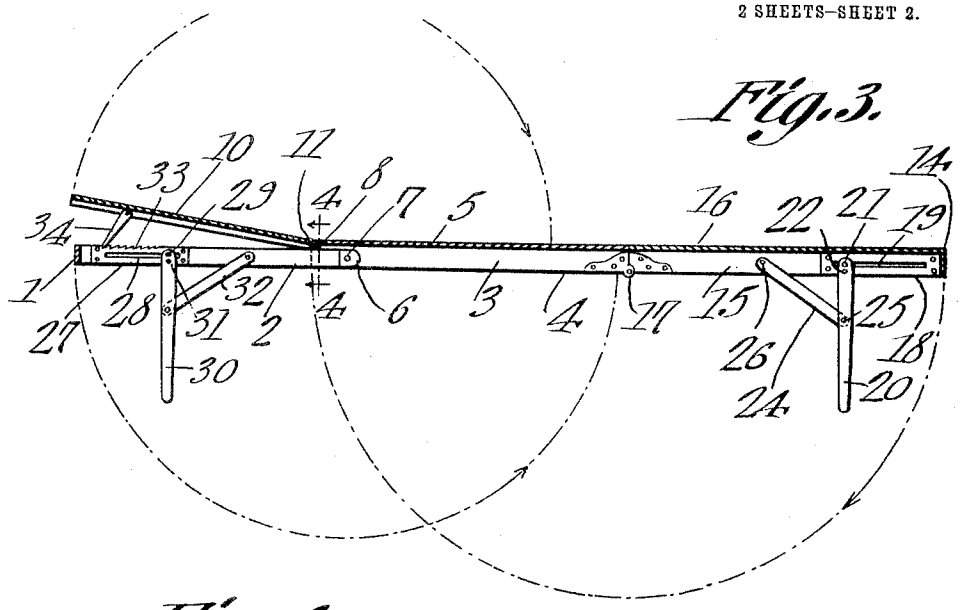
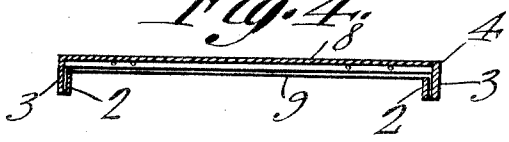


Fig. 4.



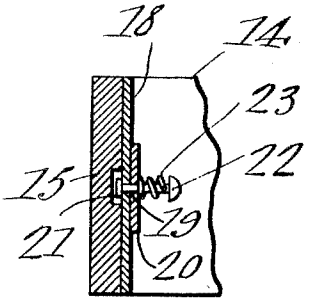


Fig. 5.

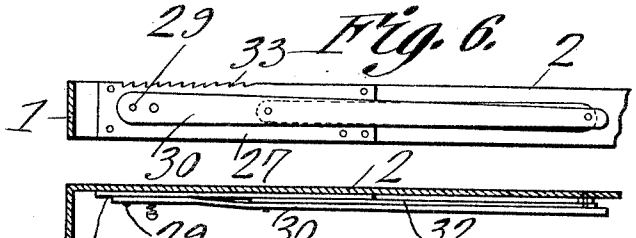


Fig. 6.



Fig. 7.

E. M. Brown and
H. E. Brown
Inventors

Witnesses

J. P. Gomein

S. Willson

by C. A. Snow & Co.

Attorneys

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ELBRIDGE M. BROWN AND HARRY E. BROWN, OF CEDAR FALLS, IOWA.

EMBALMING-BOARD.

1,108,326. Specification of Letters Patent. Patented Aug. 25, 1914.

Application filed May 13, 1913. Serial No. 767,419.

To all whom it may concern:

Be it known that we, ELBRIDGE M. BROWN and HARRY E. BROWN, citizens of the United States, residing at Cedar Falls, in the county of Blackhawk, State of Iowa, have invented a new and useful Embalming-Board, of which the following is a specification.

The device forming the subject matter of this application is an embalming board, and the present invention aims to provide an embalming board which may be folded in small compass.

Another object of the invention is to provide an embalming board having a head support of novel form, adapted to be folded over on top of an intermediate section of the board when one end section of the board is folded within the intermediate section.

Another object of the invention is to provide an embalming board having a foldable leg, of novel form, adapted to be positioned within the contour of the board when the same is in folded position.

It is within the scope of the invention to improve generally and to enhance the utility of devices of that type to which the present invention appertains.

With the above and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction herein after described and claimed, it being understood that changes in the precise embodiment of invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawings:—Figure 1 shows the board in folded condition; Fig. 2 shows the board set up; Fig. 3 is a longitudinal section of the board; Fig. 4 is a fragmental transverse section on the line 4—4 of Fig. 3; Fig. 5 is a transverse section through one end of the board, the view depicting the means whereby the leg is pivotally supported and maintained; Fig. 6 is a sectional detail illustrating the inside of the frame which is pivotally connected with one end of the intermediate section of the board; Fig. 7 is a top plan of the structure shown in Fig. 6.

In carrying out the invention there is provided a frame 1 including sides 2. The sides 2 of the frame 1 lie between the sides 3 of an intermediate section 4, the same comprising a top 5. Bearing plates 6 are applied to the ends of the sides 2 of the frame 1, the bearing plates 6 receiving pivot bolts 7 which engage the sides 3 of the intermediate section 4, the construction being such that the frame 1 may be swung downwardly and then upwardly as indicated by an arrow in Fig. 3, to register within the contour of the intermediate section 4. A reinforcing strip 8 is secured to the under face of the top 5 of the intermediate section 4, adjacent one end of the intermediate section. The reinforcing strip is bound along its lower edge by a ribbon or bar of metal, indicated at 9, the same being extended along the inner faces of the sides 3 of the intermediate section 4, and being extended across the lower edges of the sides 3.

The invention further includes a vertically movable head board 10 connected by means of hinges 11 with the intermediate section 4. The reinforcing strip 8 above referred to, serves as a means for receiving the screws whereby the hinges 11 are secured to the intermediate section 4, the top 5 of the intermediate section 4 is preferably being fashioned from thin veneer. One of the sides 3 of the intermediate section 4 is provided with a handle 12.

The invention further includes an end section which is denoted by the numeral 14, the end section 14 comprising sides 15 and a top 16. The sides 15 of the end section 14 are connected with the sides 3 of the intermediate section 4 by means of hinges 17.

Guide plates 18 are secured to the sides 15 of the end section 14, the plates 18 being provided with longitudinal slots 19. Legs 20 are shown the same being provided at their upper ends with headed, pivot pins 21 adapted to slide in the slots 19. Mounted in the legs 20 are latch pins 22, constrained by springs 23 to engage with suitable openings formed in the plates 18, to the end that the upper parts of the legs may be prevented from moving in the direction of the length of the board. Braces 24 are pivoted at their lower ends as indicated at 25 to the legs 20, the upper ends of the braces 24 being pivotally connected as indicated at 26 with the sides 15 of the end section 14.

The frame 1 is provided with plates 27 having slots 28 receiving pivot elements 29 mounted in the upper ends of legs 30, the legs 30 carrying latch pins 31 adapted to engage in suitable openings in plates 27. The braces are indicated at 32. The con-

struction as above outlined is a duplicate of the leg construction hereinbefore described in detail in connection with the end section 14 of the board.

If desired, the upper edges of the plates 27 may be equipped with notches 33, although, if desired, the notches may be otherwise located in the frame 1. Notches 33 are adapted to engage the lower ends of the dogs 34, the upper ends of which are pivoted to the head board 10. By means of the dogs 34, the head board may be maintained at any desired elevation.

In practical operation, by disengaging the latch pins 22 and 31, the legs 20 and 30 may be adjusted with the braces 24 and 32 as fulcrums, the pivot pins 21 and 29 riding in the slots 19 and 28. Under such circumstances, the braces 24 and the legs 20 upon the one hand and the braces 32 and the legs 30 upon the other hand, will move into alinement as clearly shown in Fig. 6, the legs and the braces being housed within the contour of the end section 14 and within the contour of the frame 1, respectively. The end section 14 is then swung downwardly, as indicated by the arrow in Fig. 3 until the edges of the sides 15 of the end section 14 abut against the edges of the sides 3 of the intermediate section 4. The head board 10 is then swung over in the direction of the arrow in Fig. 3, until the head board rests on top of the intermediate section 4, whereupon, the parts will be disposed in the folded condition shown in Fig. 1.

From the foregoing it is to be observed that there is shown in this application, an embalming board adapted to be disposed in small compass the construction being such that the board may be set up readily for use and may be maintained in a rigid, corpse supporting condition.

Having thus described the invention, what is claimed is:—

In a device of the class described, an intermediate frame comprising side walls and a top; a head frame including side walls pivoted to the side walls of the intermediate frame and lying between the side walls of the intermediate frame whereby the head frame may be folded within the contour of the intermediate frame, the intermediate frame being centrally open and unencumbered to receive the head frame; a foot frame comprising a top and side walls, the side walls of the foot frame being pivoted to the side walls of the intermediate frame and the foot frame being of the same length as the intermediate frame whereby the edges of the walls of the foot and the intermediate frames may be brought together to dispose the tops of the foot and intermediate frames upon opposite sides of the head frame thereby to define a compartment in which the head frame is completely housed; a head board hinged to the intermediate frame and coöperating with the head frame and adapted to be folded over upon the top of the intermediate frame and movable legs upon the head and foot frame only, and adapted to be folded, respectively, within the contour of the head and foot frames.

In testimony that we claim the foregoing as our own, we have hereto affixed our signatures in the presence of two witnesses.

ELBRIDGE M. BROWN.
HARRY E. BROWN.

Witnesses:
H. B. GILKEY,
H. F. BANGERT.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."