E. J. ALDWORTH.

CASKET HANDLE.

APPLICATION FILED APR. 12, 1909.

1,041,944.

Patented Oct. 22, 1912.

2 SHEETS—SHEET 1.

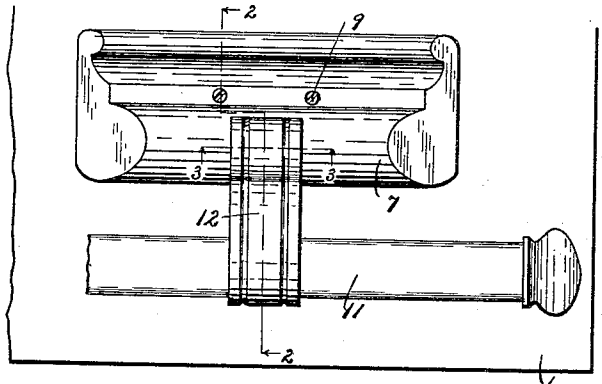


Fig. 1.

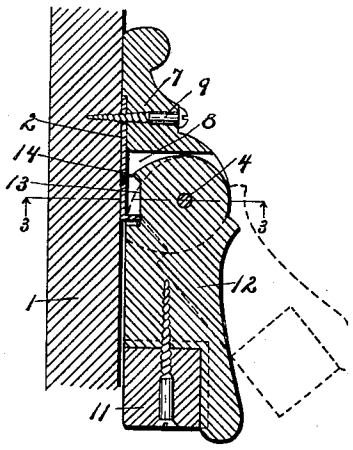


Fig. 2.

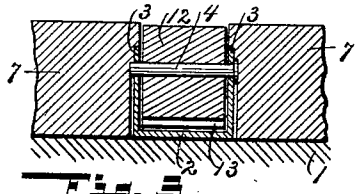


Fig. 3.

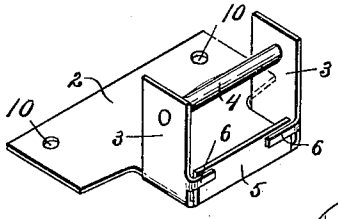


Fig. 4.

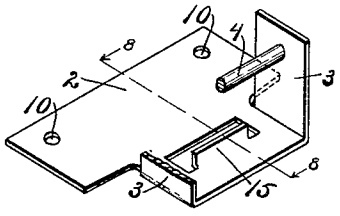
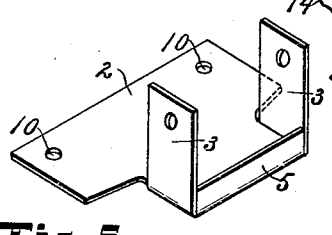


Fig. 7.



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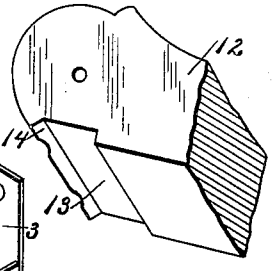

Fig. 5.

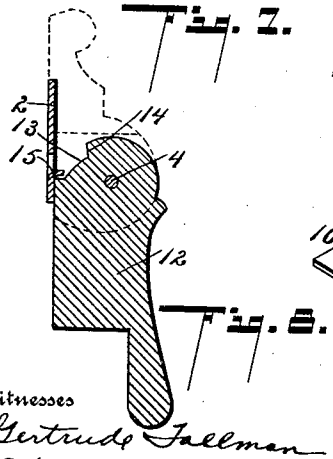

Fig. 8.

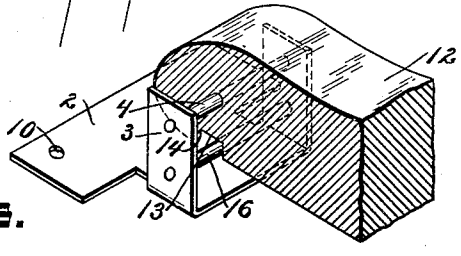

Fig. 9.

Witnesses

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2 SHEETS—SHEET 2.

Fig. 10.

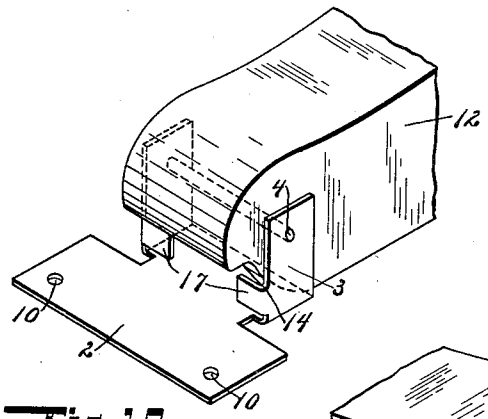


Fig. 11.

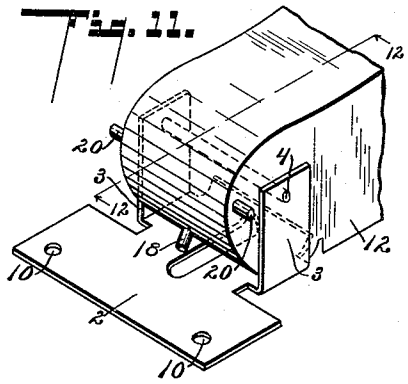


Fig. 12.

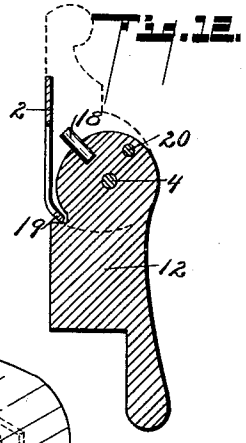


Fig. 13.

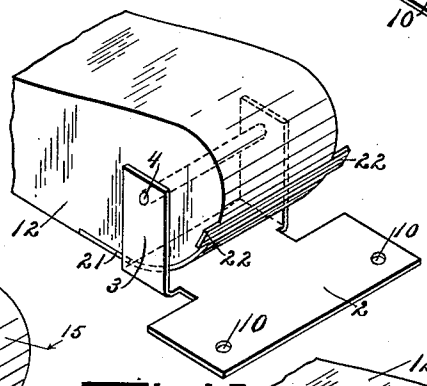


Fig. 14.

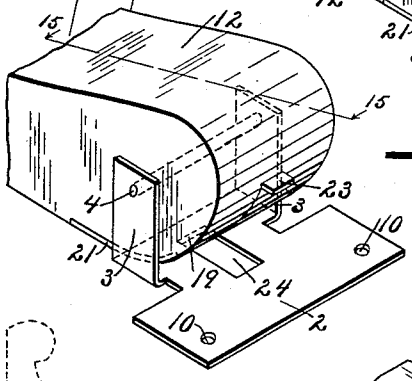


Fig. 15.

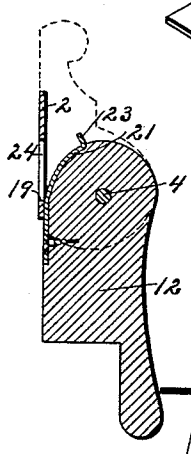


Fig. 16.

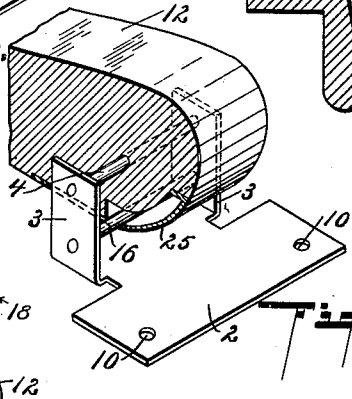


Fig. 17.

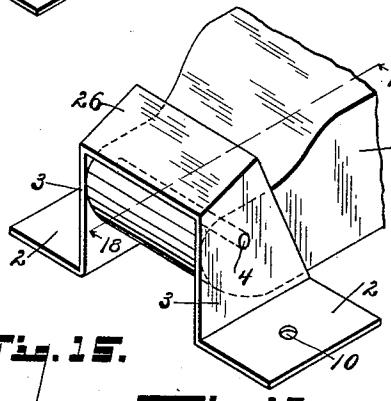
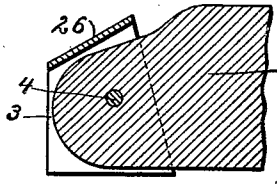


Fig. 18.



Witnesses

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UNITED STATES PATENT OFFICE.

EDWARD J. ALDWORTH, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR TO WADDELL MANUFACTURING COMPANY, OF GRAND RAPIDS, MICHIGAN.

CASKET-HANDLE.

1,041,944. Specification of Letters Patent. Patented Oct. 22, 1912.

Application filed April 12, 1909. Serial No. 489,261.

To all whom it may concern:

Be it known that I, EDWARD J. ALDWORTH, a citizen of the United States, residing at the city of Grand Rapids, county of Kent, State of Michigan, have invented certain new and useful Improvements in Casket-Handles, of which the following is a specification.

This invention relates to improvements in casket handles.

The main objects of my invention are: First, to provide an improved handle which is very strong, although made of light material, and, at the same time, one which has a massive appearance. Second, to provide an improved casket handle which is economical to produce, and, at the same time, when assembled, is attractive and complete in appearance.

Further objects, and objects relating to structural details, will definitely appear from the detailed description to follow.

I accomplish the objects of my invention by the devices and means described in the following specification.

The invention is clearly defined and pointed out in the claims.

A structure embodying the features of my invention is clearly illustrated in the accompanying drawing, forming a part of this specification, in which:

Figure 1 is a side elevation of a structure embodying the features of my invention, the handle being shown in its lowered position. Fig. 2 is a vertical section, taken on a line corresponding to the broken line 2—2 of Fig. 1, the extended position of the handle being indicated by dotted lines. Fig. 3 is a detail horizontal section taken on a line corresponding to line 3—3 of Fig. 1. Fig. 4 is a plan view of the hinge member, which is attached to the casket. Fig. 5 is a detail perspective of the inner end of the hand piece or hinge arm. Fig. 6 is a perspective view of a modified form of the hinge member, the supporting lugs 6 for the stop 5 being omitted. Fig. 7 is a detail perspective of a further modification, the modification being in the location of the stop for the hinge member 12. Fig. 8 is a detail vertical section of a structure embodying the hinge member shown in Fig. 7. Fig. 9 is a detail perspective of a further modification, the modification residing in the arrangement of the stop, a stop rod 16 being provided instead of turning out a portion of the hinge body to form the flange-like stops, as are illustrated in Figs. 1 to 8, inclusive. Fig. 10 is a detail perspective of another modification, the modification being in the arrangement of the stops, lug-like stops 17 being formed on the pintle supports. Fig. 11 is a detail perspective of a further modification in which the plate-like body portion of the hinge member 2 is slotted, and the lower end of the slot forms a stop 19 adapted to coact with the pin-like stop 18 on the hinge member 12. Laterally-projecting stops 20 are also provided in this structure to engage the pintle supports when the hinge member 12 is in its extended position. Fig. 12 is a section taken on a line corresponding to line 12—12 of Fig. 11. Fig. 13 is a detail perspective of a further modification in which the hinge member 12 is provided with a plate 21 having laterally-projecting stops 22 thereon adapted to engage the pintle supports when the hinge member 12 is in its extended position. Fig. 14 is a detail perspective of a further modification, a single stop member 23 being provided on the plate 21 to coact with the stop 19 of the hinge member 2. Fig. 15 is a sectional view taken on a line corresponding to line 15—15 of Fig. 14. Fig. 16 is a detail view of a still further modification, the same being substantially the structure illustrated in Fig. 9, with the plate 25 added thereto, the plate being added mainly to strengthen the parts. Fig. 17 is a detail perspective of a still further modification, the ends of the pintle supports being connected by the cross piece 26 which serves as the stop. Fig. 18 is a detail section, taken on a line corresponding to line 18—18 of Fig. 17.

In the drawing, similar reference characters refer to similar parts throughout the several views, and the sectional views are taken looking in the direction of the little arrows at the ends of the section lines.

Referring to the drawing, 1 represents a casket or article to which the handle is attached.

My improved handle preferably consists of the hinge member 2 comprising a plate-like body portion having outwardly-projecting pintle supports 3 thereon by which the pintle 4 is carried. These supports are preferably formed integrally with the body 2, the same being formed of sheet metal. The

lower edge of the body 2, in the structure illustrated in Figs. 1 to 3, is turned outwardly to form the stop 5. This stop is preferably supported by the lugs 6, which project under the same, the lugs being formed on the lower edges of the pintle supports 3. This hinge member is preferably arranged in a housing 7, which, in the structure illustrated, is molding-like in form, it being provided with a suitable chamber 8 to receive the hinge member described.

The body portion of the hinge member is arranged against the casket or other object to which the handle is to be attached, and is preferably secured by the screws 9 arranged through the housing and the holes 10 in the hinge member body, as is illustrated in Fig. 2.

The handle 11, which, in the structure illustrated, is bar-like in form, is secured to the hinge arm 12, the inner end of the hinge arm being arranged on the pintle 4 between the pintle supports 3. The inner end of the arm 12 is cut away at 13 to form the stop 14, adapted to coact with the stop 5 in supporting the handle in its extended or raised position, as is illustrated by dotted lines in Fig. 2. By thus forming and arranging the parts, they may be made of light and cheap material, and, at the same time, the structure is very strong and has the appearance of being massive and may be made very attractive without adding greatly to the expense.

In the structure illustrated I have only shown one hinge, but it will be understood that where the handle or bar 11 is of considerable length two or more hinges are provided. They are ordinarily arranged in pairs. The housing piece 7, however, may be adapted to receive a number of the hinge members 2, the same being extended to full length of the casket, if desired.

In the modified construction shown in Fig. 6, the supporting lugs 6 for the stop 5 are omitted. In the modification shown in Figs. 7 and 8, the stop 15 is formed by punching out a portion of the body instead of turning up the lower edge thereof, as shown in Fig. 4.

In the modification shown in Fig. 9, a pin 16 is arranged on the pintle supports to form a stop to coact with the stop 14 of the hinge arm 12.

In the modification shown in Fig. 10 a pair of lugs is turned inwardly on the pintle supports to form the stops 17.

In the modification shown in Figs. 11 and 12, the plate 2 is slotted to receive the projecting stop 18 on the hinged hanger arm 12, the end of the slot being adapted to form a stop member 19. A pair of laterally-projecting pins 20 is provided on the hinge member 12 to form stops, these stops engaging the upper edges of the pintle supports 3, when the arm 12 is in its extended position.

In the modification in Fig. 13, a curved plate 21 is secured to the inner end of the arm 12, the plate being provided with laterally-projecting stops 22 adapted to engage the upper edges of the pintle supports 3, when the arm is in its extended position, substantially in the same manner as the stop members 20 of the structure shown in Figs. 11 and 12.

In the modification shown in Fig. 14, a single stop member 23 is provided on the plate 21, this stop member being adapted to engage the stop, 19 formed by the end of the slot 24 in the plate 2, it being substantially the same as the stop 19 of the structure shown in Figs. 11 and 12.

In the modification shown in Fig. 16, a reinforcing plate 25 is provided for the inner end of the arm 12, the structure in other respects being substantially the same as that shown in Fig. 9.

In the modification shown in Figs. 17 and 18, the stop is formed by a cross piece 26 connecting the outer ends of the pintle supports 3, the hinge member in this construction being formed by bending up a strip of metal rather than turning the pintle supporting arms outwardly therefrom, as shown in the other structures illustrated.

My improved handle may be, as stated, made of light material, and, at the same time, is very strong and has a massive and finished appearance.

I have illustrated these various modifications in the accompanying drawing to show the general adaptability of my improvements and that they can be considerably varied in structural details without departing from my invention, and, while the structure shown in Figs. 1 to 4 is preferred by me, the structures of the other modifications possess practical value.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. The combination of a hinge member, comprising a plate-like body having ear-like pintle supports thereon and a stop formed from said plate and disposed between said ears; a pintle; a housing block of wood for said hinge member having a slot-like opening adapted to receive said pintle supports, and a seat in its rear face for said plate-like body, the rear face of said plate being flush with the rear face of said housing; screws for holding said plate to the body; means for securing said housing block in place whereby said plate of said hinge member is clamped in position and supported by said housing; a hand piece; and a hinged hanger arm therefor of wood disposed in the slot of said housing and arranged on said pintle, having a stop at

its inner end on the under side adapted to coact with said stop for said hinge member for limiting the upward movement of the hand piece.

2. The combination of a hinge member, comprising a plate-like body having ear-like pintle supports thereon and a stop disposed between said ears, consisting of an outwardly folded part reinforced by fingers at each end; a pintle; and a hinged hanger arm therefor of wood arranged on said pintle, having a stop at its inner end on the under side adapted to coact with said hinge stop for said hinge member for limiting the upward movement of the hand piece.

In witness whereof, I have hereunto set my hand and seal in the presence of two witnesses.

EDWARD J. ALDWORTH, [L. S.]

Witnesses:
HENRY J. TEN ELSHOF,
FRED GARBER.