

No. 746,121.

PATENTED DEC. 8, 1903.

J. M. MARTIN.
TRUNK.

APPLICATION FILED JUNE 2, 1903.

NO MODEL.

2 SHEETS—SHEET 1.

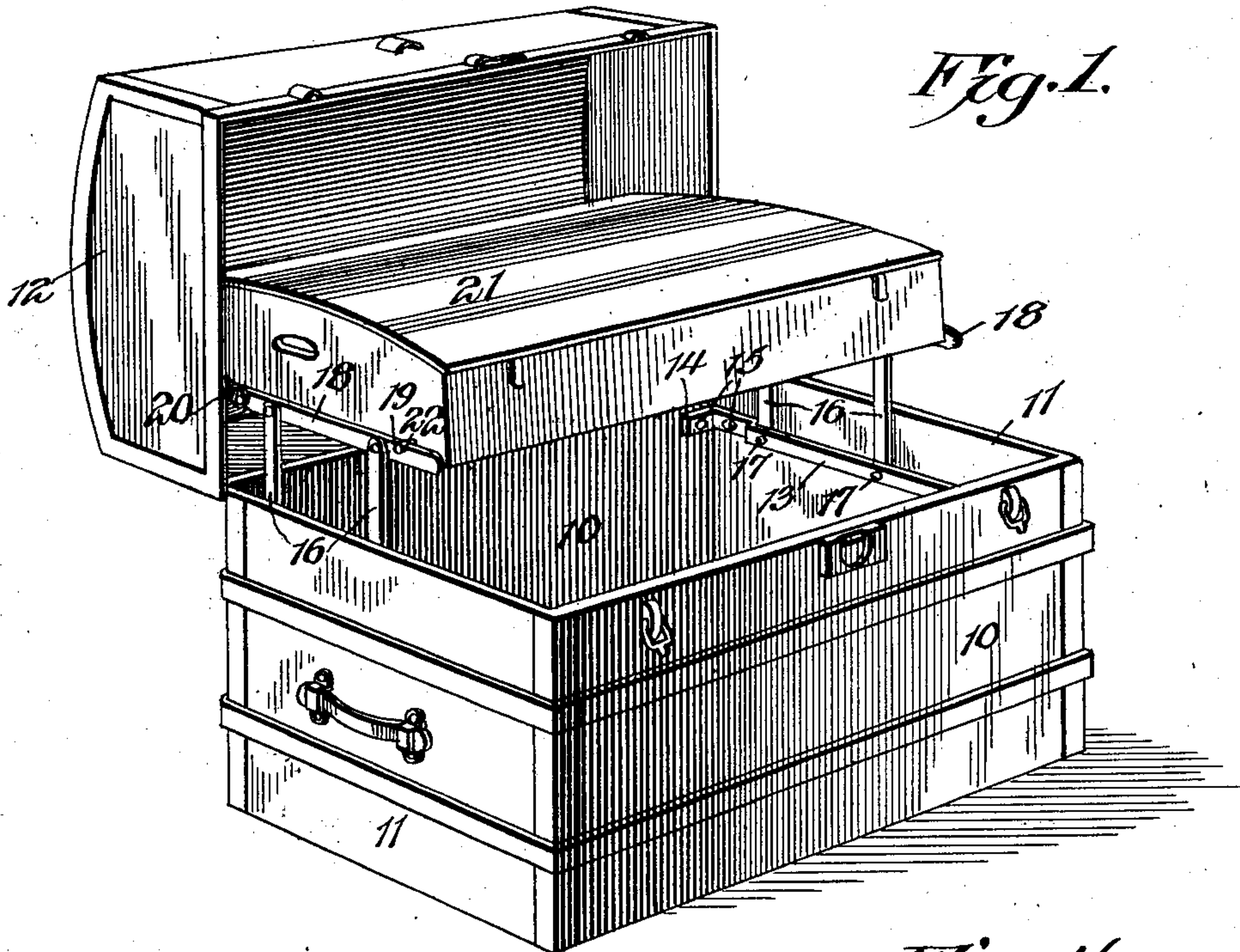
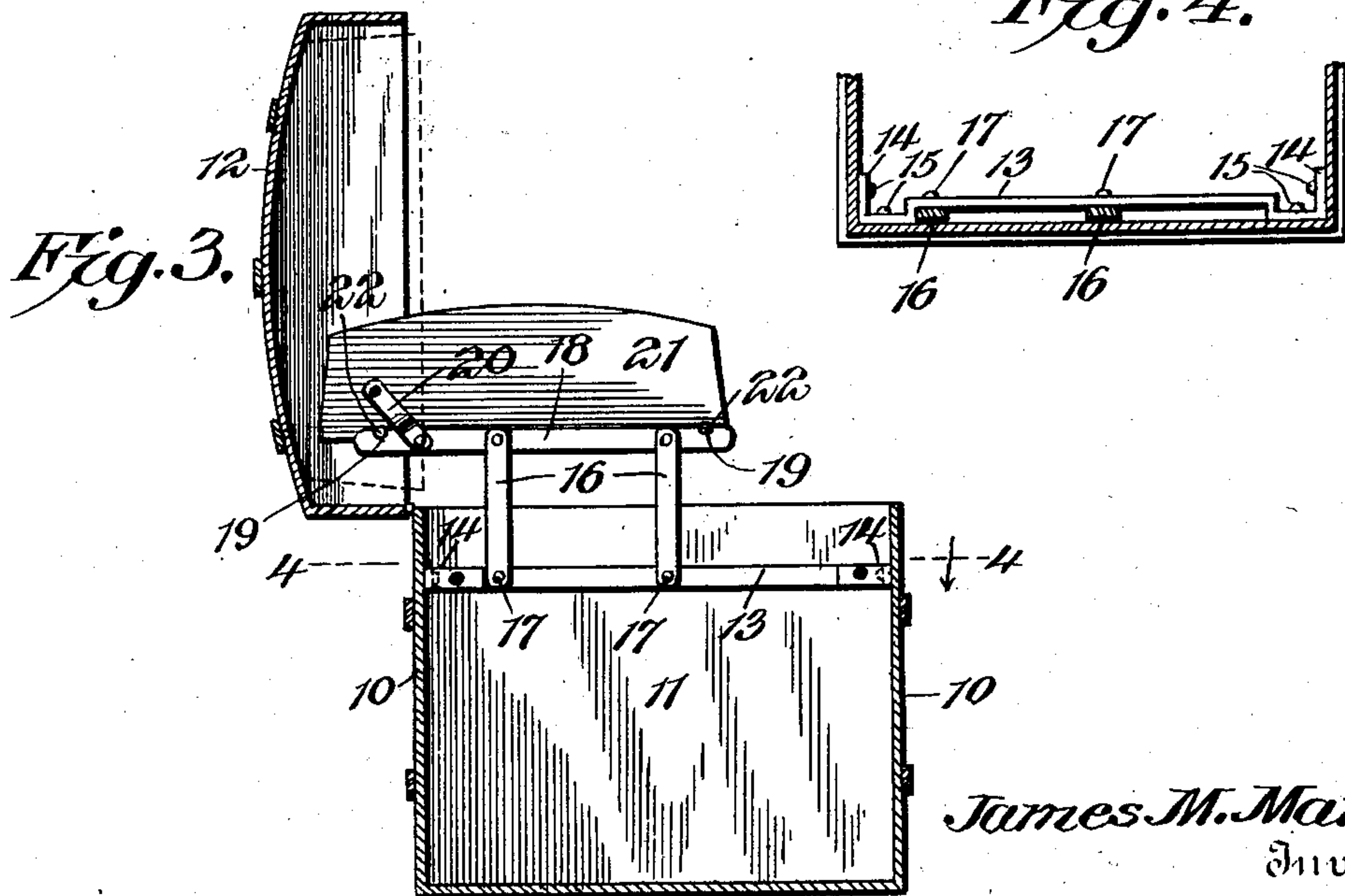


Fig. 4.



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2 SHEETS—SHEET 2.

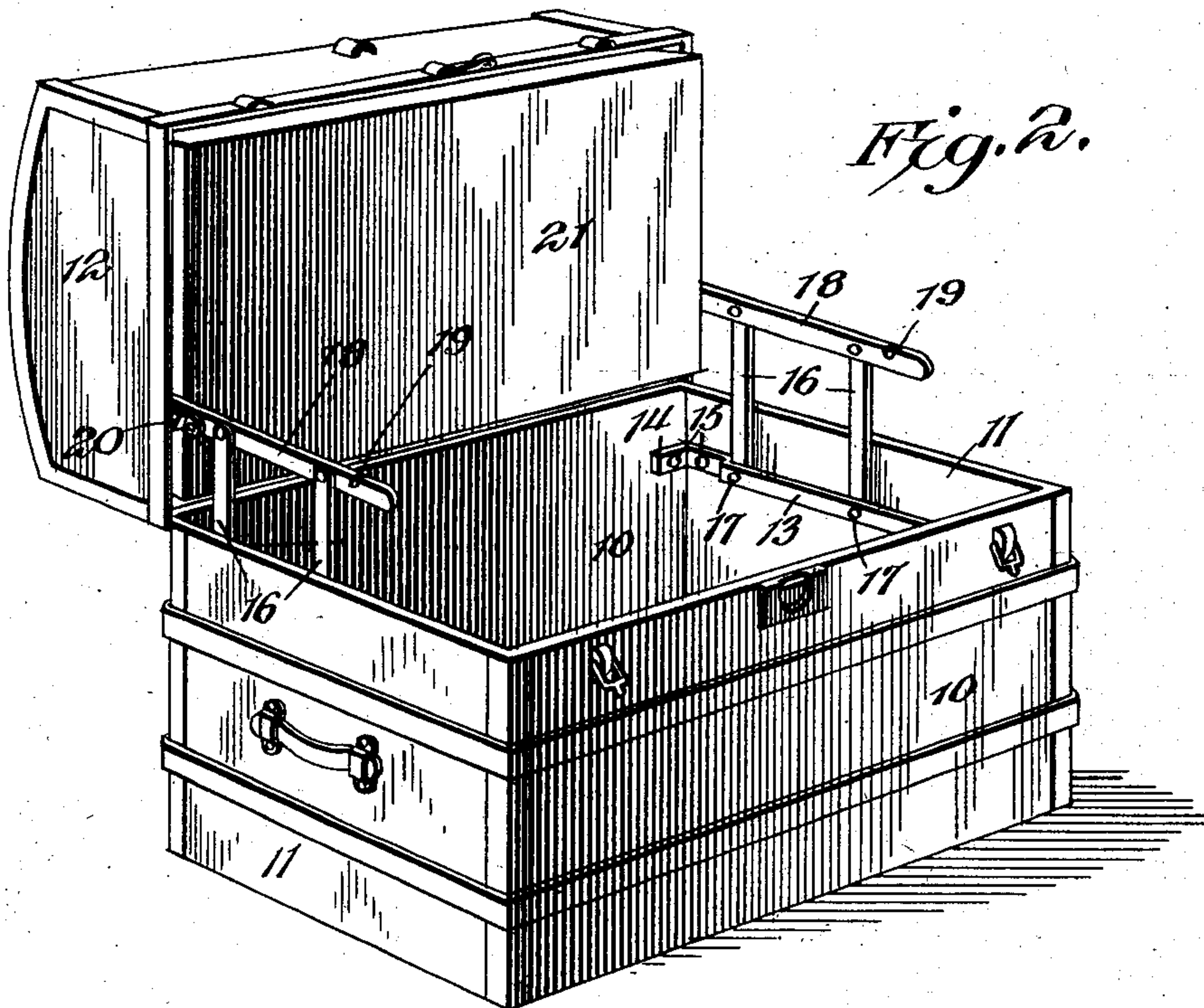


Fig. 5.

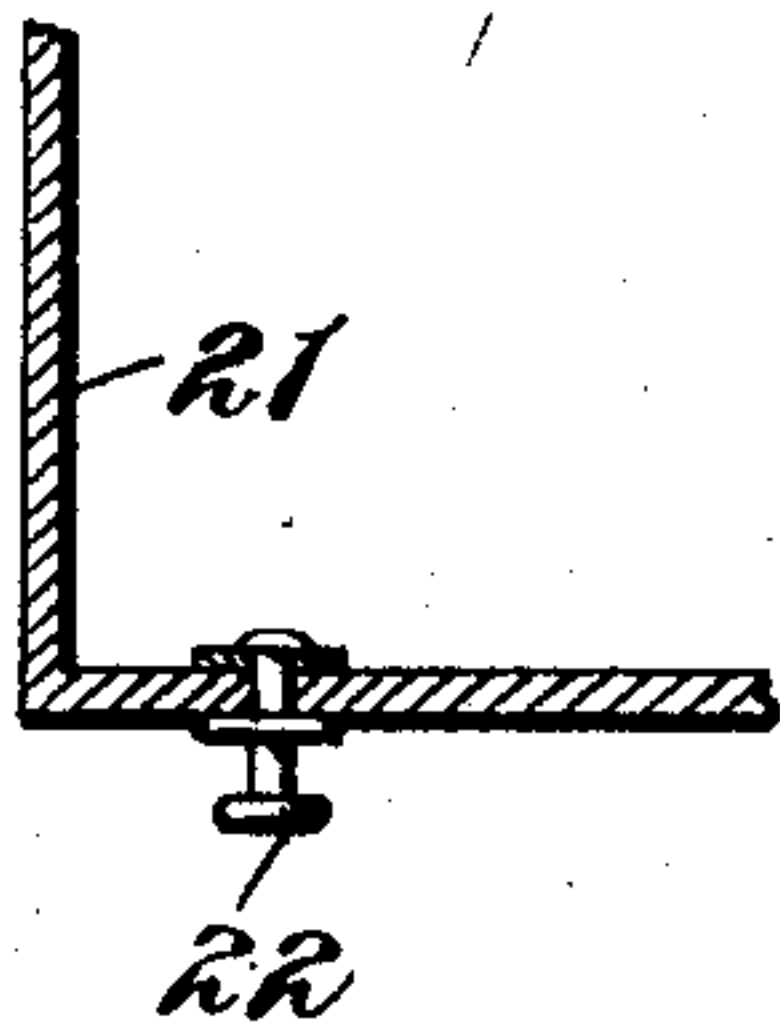
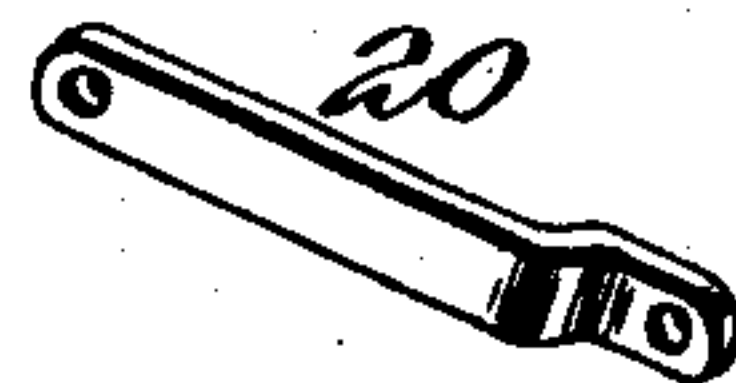


Fig. 6.



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TRUNK.

SPECIFICATION forming part of Letters Patent No. 746,121, dated December 8, 1903.

Application filed June 2, 1903. Serial No. 159,753. (No model.)

To all whom it may concern:

Be it known that I, JAMES MONROE MARTIN, a citizen of the United States, residing at Knoxville, in the county of Knox and State of Tennessee, have invented a new and useful Trunk, of which the following is a specification.

The present invention relates more particularly to that class of trunks in which trays and tray-supporting means are employed which will elevate said trays when the cover is moved to open position.

One of the primary and important objects of this invention is to provide elevating means and a tray carried thereby, said means and tray being so constructed and related to the cover that the tray may be swung within the cover after its elevation in order that it will not obstruct the open top of the trunk-body, and therefore not interfere with the packing or removal of objects from said body.

A further object is to provide elevating means that may be firmly affixed to a trunk and will serve as braces for the same, said means being compactly foldable in a small compass, so that it will be entirely out of the way.

The preferred form of construction is illustrated in the accompanying drawings, wherein—

Figure 1 is a perspective view of a trunk, showing the cover raised and tray elevated. Fig. 2 is a view similar to Fig. 1, but showing the tray swung within the cover. Fig. 3 is an elevation of the parts, as shown in Fig. 1, the ends of the trunk body and cover being removed. Fig. 4 is a horizontal sectional view on the line 4-4 of Fig. 3. Fig. 5 is a detail sectional view through the tray. Fig. 6 is a perspective view of one of the links.

Similar reference-numerals indicate corresponding parts in all the figures of the drawings.

In the embodiment illustrated the usual body is employed, having angularly-disposed side and end walls 10 and 11. To one of the side walls is hinged the ordinary hood cover 12, arranged to fit over and close the open upper end of the body. These members may be of any well-known construction and in themselves constitute no part of the present

invention. The tray-supporting means are located at the ends of the trunk, and in view of the fact that these means are duplicates but one need be described.

An attaching-strip 13 is located within the trunk-body and extends across the end wall thereof. This strip is provided with offset angular ends 14, the angular portions of which are arranged to fit in the corners of the trunk and against the inner faces of the end and side walls, to which they are secured by suitable rivets 15. The intermediate portion of the strip is thereby spaced from the end walls, as shown in Fig. 4. Vertically-swinging standards 16 have their lower ends located between the strip 13 and the adjacent wall and are pivoted by suitable rivets 17 to the strip. These standards are spaced apart and are preferably parallel. Attached to their upper ends is a horizontal supporting-bar 18, having pivotal connections with said standards and being provided in their upper edges with notches or seats 19. A link 20 is pivoted to the supporting-bar between the rear notch and the adjacent standard, the other end of said link being pivoted to the inside of the cover. The tray is designated by the reference-numeral 21 and may be of the ordinary construction with the exception that it is provided at its ends with outstanding pintles 22, arranged to be seated in the notches 19. The pintles may be secured in any desired manner—as, for instance, by being passed through the end walls of the tray and riveted, as shown in Fig. 5.

The rear pintles of the tray are so located with relation to the cover and the rear side of the tray that they will permit said tray being swung to a vertical position within the cover when the tray is elevated. By this construction when the trunk is closed the links will assume substantially horizontal positions between the attaching-strips 13 and the adjacent end walls. They are thus compactly folded and completely out of the way. When the cover is thrown back, the links will cause the elevation of the supporting bars and standards. The upper end of the tray is thus exposed, so that access to said tray may be obtained. The trunk-body also is opened. If, however, free and unobstructed access is

desired to the interior of the trunk-body, the tray may be swung backwardly within the cover and will remain in this position. This is an extremely important feature of the present invention, as the tray may be placed entirely out of the way. Upon again lowering the cover the tray will of course be carried down to its proper position within the trunk. Another feature of the invention is the construction of the attaching-strip. This strip to a certain extent constitutes a housing for the links when folded, as already described. Further than this, it is firmly supported by the outstanding terminals which are secured to the side walls, said terminals thus serving to brace the strips, and, furthermore, constituting braces in the corners of the trunk.

From the foregoing it is thought that the construction, operation, and many advantages of the herein-described invention will be apparent to those skilled in the art without further description, and it will be understood that various changes in the size, shape, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

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

1. In a trunk, the combination with a body and hood cover hinged thereto, of tray-elevating means movably mounted on the body, and a tray pivotally supported on the elevating means and constructed to swing into the cover when elevated.

2. In a trunk, the combination with a body and hood cover hinged thereto, of tray-elevating means movably mounted on the body and foldable within the same, a connection between the elevating means and cover, and a tray pivotally supported on the elevating means and constructed to be swung into the cover when said cover is open and the tray elevated.

3. In a trunk, the combination with a body and hood cover hinged thereto, of tray-elevating means mounted on the body and comprising a supporting-bar having notches, standards pivoted to the bar and body, a link pivoted to the cover and supporting-bar, and a tray having outstanding pintles that detachably engage in the notches, the rear pintle constituting a pivot and the tray being constructed to swing upon the pivot and into the cover when in elevated position.

4. In a trunk, the combination with a body, of an attaching-strip secured at its ends to the body and having an intermediate offset portion spaced from the body, standards having their lower ends located between the strip and body and pivoted to said strip, a supporting-bar pivotally mounted on the standards, and a tray supported on the bar.

5. In a trunk, the combination with a body having angularly-disposed side and end walls, of a cover hinged to the body, an attaching-strip having angularly-disposed ends secured to the inner faces of the side and end walls of the body, said strip extending across the end wall and having a portion spaced therefrom, standards pivoted to the strip and located between the same and body, a supporting-bar pivotally mounted on the standards, a link connecting the supporting-bar and cover, and a tray detachably mounted on the cover.

6. In a trunk, the combination with a body and hinged cover, of tray-elevating means movably mounted on the body, and a tray pivotally mounted between its front and rear walls upon the rear portion of the elevating means, said tray being constructed to swing within the cover when elevated.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JAMES MONROE MARTIN.

Witnesses:

W. H. ROBERTS,
J. A. ROBERTS.