

No. 832,564.

PATENTED OCT. 2, 1906.

C. O. WILDER.
SHIPPING BOX.
APPLICATION FILED FEB. 9, 1906.

Fig. 1.

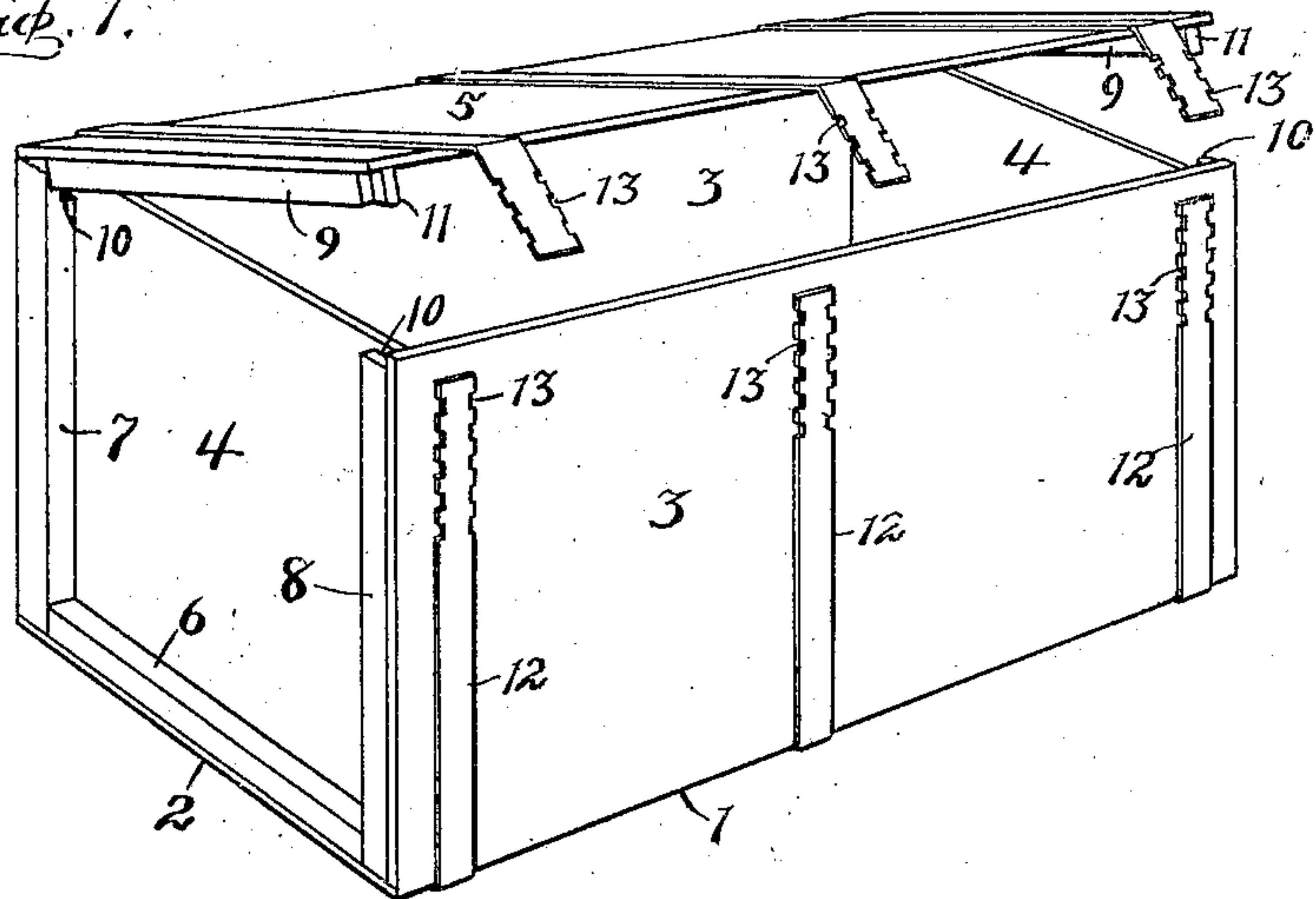
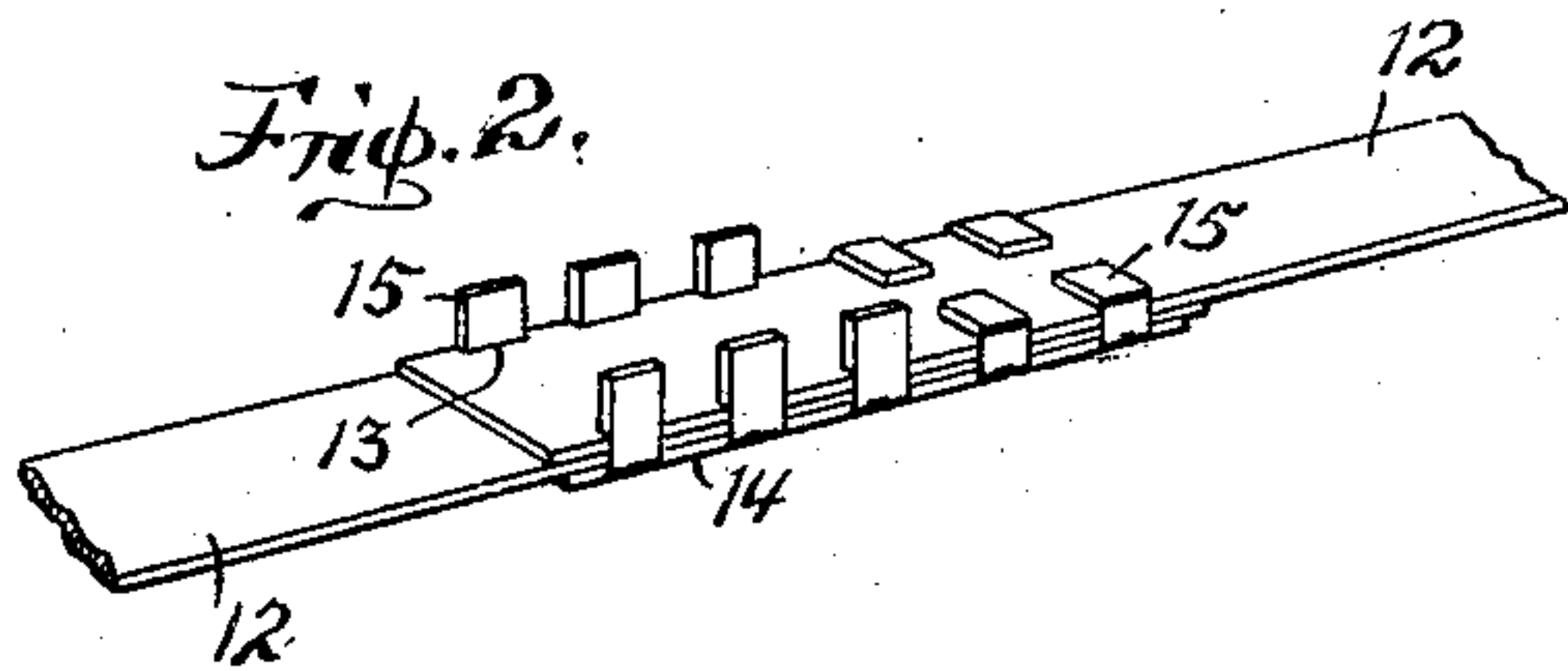


Fig. 2.



WITNESSES:

J. M. Dickens.
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CHARLES O. WILDER, OF SOUTH BEND, INDIANA, ASSIGNOR OF ONE-HALF TO LOUIS SIEVERT, OF DAYTON, OHIO.

SHIPPING-BOX.

No. 832,564.

Specification of Letters Patent.

Patented Oct. 2, 1906.

Application filed February 9, 1905. Serial No. 244,832.

To all whom it may concern:

Be it known that I, CHARLES O. WILDER, a citizen of the United States of America, and a resident of South Bend, in the county of St. Joseph and State of Indiana, have invented certain new and useful Improvements in Shipping-Boxes, of which the following is a specification.

This invention relates to improvements in shipping-boxes; and the object thereof is to provide a box for shipping purposes which will be light of structure and of great strength and in which but little material is used.

I accomplish my object by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my box with the lid thereof partly open; and Fig. 2 is a detail in perspective, showing the manner of securing the ends of the binding-straps.

Similar numerals of reference indicate corresponding parts throughout both views.

Referring to the drawings, 1 is a box, of which the bottom 2, sides 3, ends 4, and lid 5 are made of thin wood or other suitable material. The ends of the box are reinforced by external strips 6, 7, 8, and 9, the latter being attached to the lid 5 at points thereon so as to come external of the ends 4 when the lid is in place. The tops of the strips 7 and 8 have gains 10 made therein, and tongues 11 extend from the ends of the strips 9 and fit in the corresponding gains 10 when the lid 5 is in proper place.

A series of metallic binding-straps 12 are placed around the box, inclosing the bottom, sides, and lid thereof, and the ends of the

straps are of sufficient length as to lap over one another when drawn into place. Each of said ends has a number of notches 13 made in the sides thereof and are uniformly spaced, so that the notches of one end of each strap will register with those of the other. The ends of said straps are secured together by means of plates 14, each having side tongues 15, which are adapted to fit in the registering notches 13 of the corresponding straps and to be clutched over upon the faces of the outer ends of the respective straps, as shown in Fig. 2.

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

In a device of the class described, a box having external reinforcing-strips secured at its ends; a removable lid for the box having strips at its ends which correspond respectively with the strips on the ends of the box; the ends of the strips on the lid having tongues, and the corresponding ends of the strips on the box having gains made in their sides respectively next the adjacent ends of the box, the said tongues being adapted to be removably fitted between the ends of the adjacent strips and the corresponding ends of the box respectively when the lid is secured in place; and binding-straps secured around the box and lid.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES O. WILDER.

Witnesses:

ANNA M. WRIGHT.

WM. WESTBURG.