

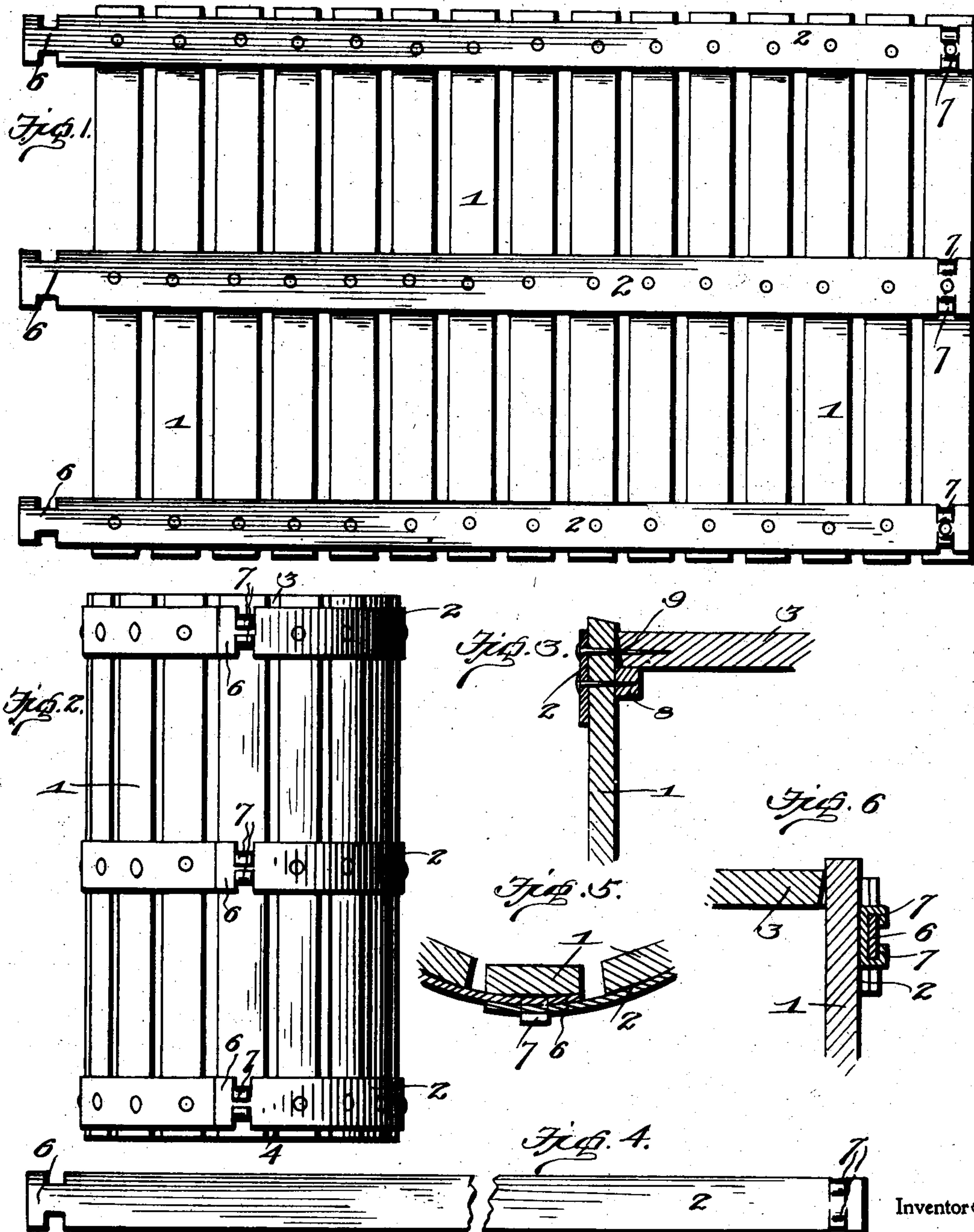
No. 758,957.

PATENTED MAY 3, 1904.

J. M. & J. J. CALLAWAY.
KNOCKDOWN PACKAGE.

APPLICATION FILED AUG. 27, 1903.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

JEROME M. CALLAWAY AND JAMES J. CALLAWAY, OF LAUREL,
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KNOCKDOWN PACKAGE.

SPECIFICATION forming part of Letters Patent No. 758,957, dated May 3, 1904.

Application filed August 27, 1903. Serial No. 170,952. (No model.)

To all whom it may concern:

Be it known that we, JEROME M. CALLAWAY and JAMES J. CALLAWAY, citizens of the United States, residing at Laurel, in the county of Sussex and State of Delaware, have invented certain new and useful Improvements in Knockdown Packages; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to knockdown packages of the barrel type; and the object in view, primarily, is to provide devices of this character which in shipping to the purchaser may be laid flat out in banks, thus materially saving space and the cost of transportation and which when they arrive at their destination may be easily and expeditiously assembled into barrel form.

With these and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be more fully described, and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a plan view of the blank, which is adapted to be folded to form the body of the barrel. Fig. 2 is a side elevation of the completed barrel. Fig. 3 is a vertical sectional view through one head and one stave of the barrel. Fig. 4 is a plan view of the hoop before it is secured to the staves of the barrel. Fig. 5 is a horizontal sectional view through the hoop after the sides of the barrel have been folded and the ends of the hoops locked together. Fig. 6 is a view taken at right angles to Fig. 5.

The blank from which the body or sides of the barrel is made is composed of staves or slats 1, spaced apart for the purpose of affording proper ventilation to the contents of the barrel and connected by flexible hoops 2, nailed or otherwise secured to the staves or slats and provided with interlocking ends. 3 and 4 denote the heads of the barrel. These blanks, with their heads, may in transportation be compactly banked, and thus very greatly economize space and largely reduce

the cost of transportation to the purchaser. After receiving these blanks he may then easily and quickly set up the barrel for use, and this is done in the following manner: The blank is bent or rolled into cylindrical shape, and the interlocking ends are connected. The lower head is then placed in position, and after the barrel has been filled the upper head is then placed in position.

We have found as a convenient way of locking the ends of the hoops together that shown in the drawings, which consists in forming at one end of each hoop a T-shaped head 6 and forming at the opposite end lips 7, which are adapted to be bent about the narrow neck of the T-shaped head, and thus securely lock the ends of the hoops together. This may be easily done even without tools, the fingers being sufficient for performing this operation.

It will be observed by referring to Fig. 3 that the heads of the barrel have beveled peripheries and that the staves are provided with stop-blocks 8. This is an important feature in that after the body of the barrel has been formed and the ends of the hoops connected together the insertion of these bevel-edged heads insures a tight and snug fit, and if desired several nails 9 may be driven through the hoops and staves into the heads for the purpose of additionally securing them in place.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

A ventilated package-blank comprising, in combination, a body formed of spaced slats, flexible metal bands crossing said slats, and fastenings connecting each band with each individual slat, each of said bands having a fixed and a free end, the latter projecting be-

yond the contiguous end slat, the said free
end of each being provided with diametrically
opposite notches in its side edges forming an
integral T-head, and the fixed end having
5 diametrically opposite integral lips, said lips
being formed by transverse slits extending
inwardly from said side edges, and adapted to
be bent toward each other about the narrow
neck of the T-head and to lie in transverse
10 alinement and within the plane of the side
edges of the band, whereby the ends of the

bands when connected are reinforced in a di-
rect transverse line, substantially as described.

In testimony whereof we have hereunto set
our hands in presence of two subscribing wit- 15
nesses.

JEROME M. CALLAWAY.
JAMES J. CALLAWAY.

Witnesses:

BENJ. G. COWL,
PHILIP W. FAUNCE.