

No. 664,623.

Patented Dec. 25, 1900.

S. J. BUCKLAND.

BARREL CARRIER.

(Application filed Oct. 23, 1900.)

(No Model.)

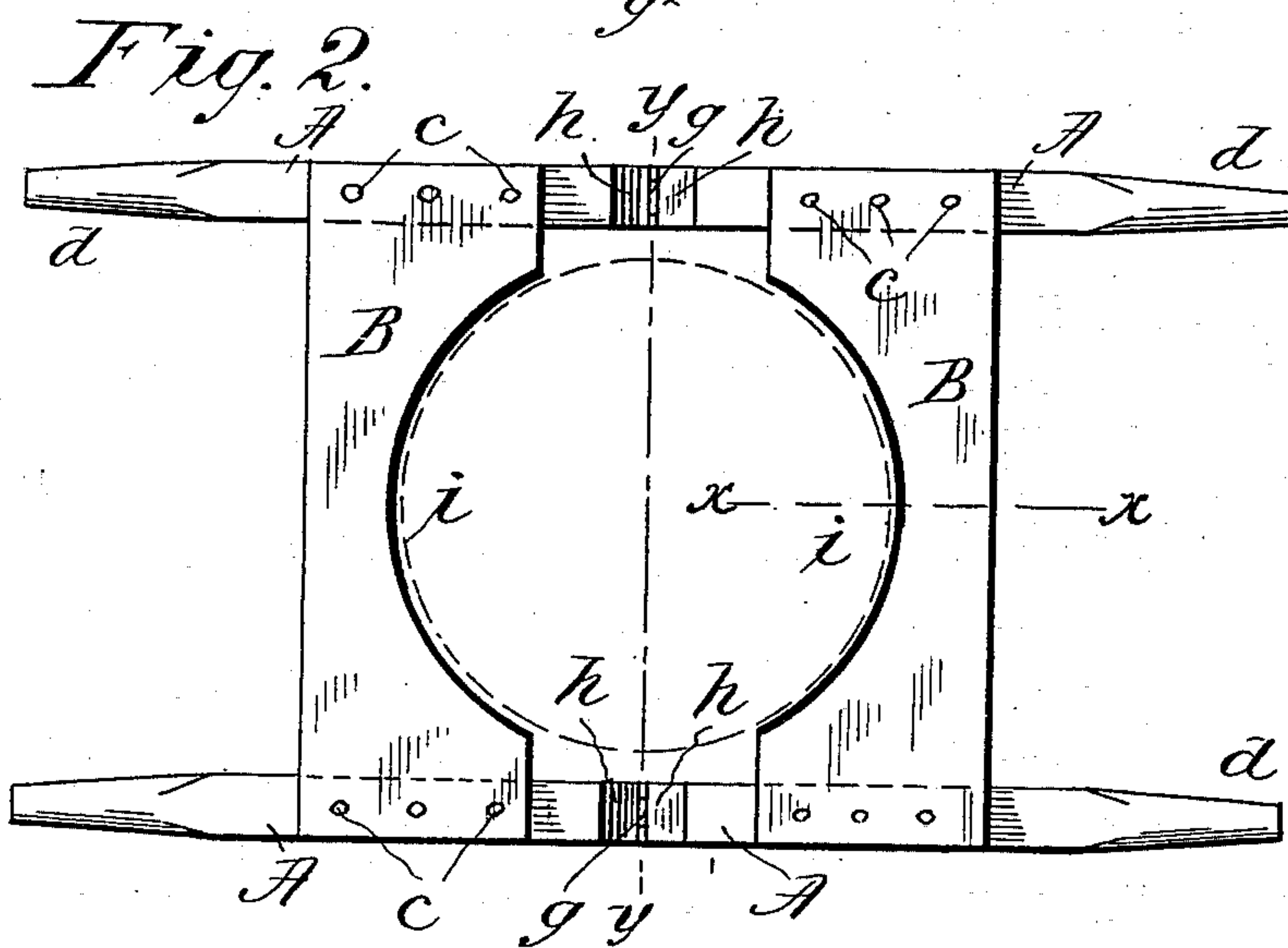
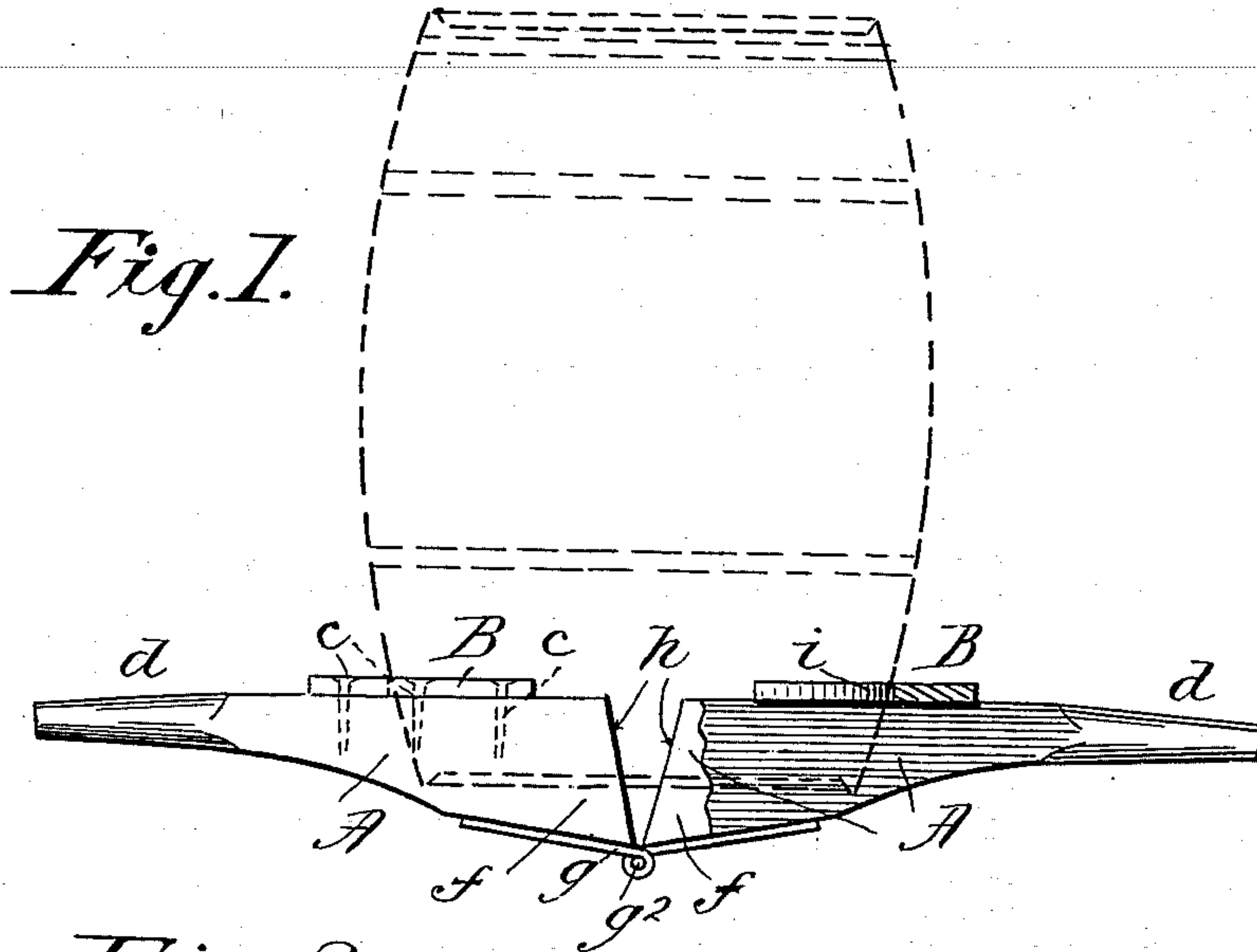
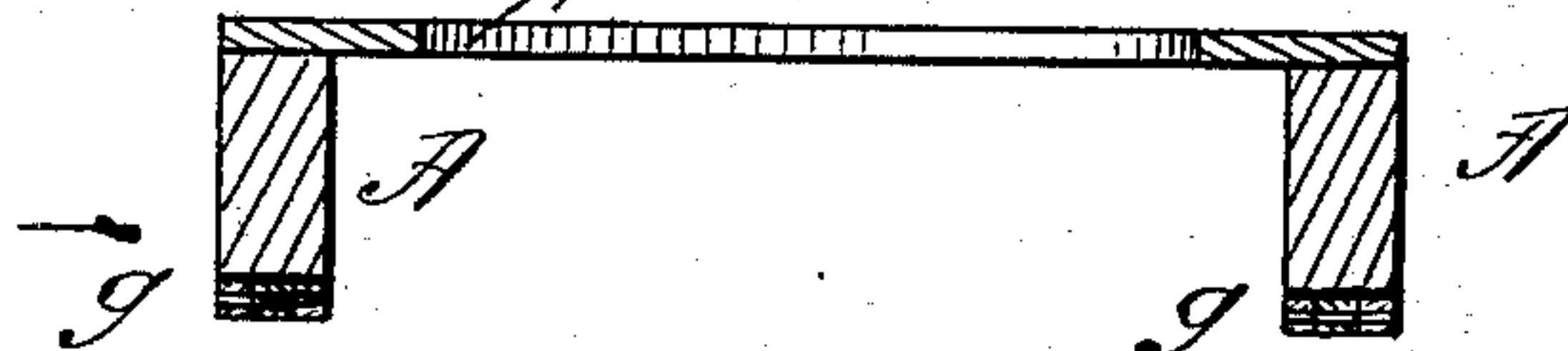


Fig. 3. B, i



Witnesses:

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UNITED STATES PATENT OFFICE.

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BARREL-CARRIER.

SPECIFICATION forming part of Letters Patent No. 664,623, dated December 25, 1900.

Application filed October 23, 1900. Serial No. 34,029. (No model.)

To all whom it may concern:

Be it known that I, SETH J. BUCKLAND, a citizen of the United States of America, and a resident of Springfield, in the county of Hampden and State of Massachusetts, have invented certain new and useful Improvements in Barrel-Carriers, of which the following is a full, clear, and exact description.

This invention relates to a carrier for barrels of a kind which is especially applicable by city scavengers and garbage-gatherers for the removal of barrels of ashes or other refuse from houses.

The principal object of the invention is to devise a carrier of the character and for the purpose indicated which is composed of a minimum number of parts or pieces and has a range of adaptability for clamping and carrying barrels of varying diametrical sizes without the adjustment of any of the component parts of the carrier.

The invention consists in a barrel-carrier composed of the parts constructed and combined or connected as below described, and set forth in the claim.

The barrel-carrier is illustrated in the accompanying drawings, in which—

Figure 1 is a side view, and Fig. 2 is a plan view. Fig. 1 is shown partially in vertical section as taken on the line *x x*, Fig. 2. Fig. 3 is a vertical cross-section taken on the line *y y*, Fig. 2.

The carrier in its entirety consists of two pairs of side bars *A A*, the bars of a pair at each side being hinged together at the junction of their under portions and their approached ends, and the two cross-boards *B B*, extending each from the carrier-bar at one side to the opposite carrier-bar, said cross-boards having their end portions resting on the upper sides of the bars and being secured thereto by nails or screws *c*. The carrier-bars from their handle-end portions *d* are downwardly widened, as at *f*, and the leaves of the hinges *g*, which unite side pairs of the handle-levers or carrier-bars, are secured upon the under edges of such widened portions *f*, whereby the hinge-point *g*² is considerably below the upper edges of the bars. The adjacent ends of the carrier-bars, as indicated at *h*, are divergent upwardly relatively to each other, so that the carrier-bars

may be swung on their hinges, whereby both side pairs thereof are brought to an obtuse angle and whereby the range of gripping action by the clamping-boards *B B* is much greater than would be the case were the hinged ends of the bars perpendicular to their upper edges. The inner or approached edges of the clamping-boards *B B* have the arc-shaped recesses *i i* to conform to the circumference of the barrel more or less exactly.

The manner of employment of the device for engaging a barrel whereby the same may be easily carried by two persons is by tilting the opposite handle ends of the bars downwardly sufficiently to spread the cross-boards *B B*, so that the whole device may be brought over and about and lowered to a low part of the barrel. Then by lifting on the handle ends of the bars the same are swung until the clamping-boards *B B* come to a grip upon the barrel, and of course the barrel may be transported with convenience and certainty. The pressure by the clamping-boards *B B* being a constrictive one and the grip taken thereby on the barrel being preferably at a lower portion thereof, there is no possibility of the bottom of the barrel, however weak, falling out and with it the contents of the barrel being carried.

It is deemed proper to point out the simplicity and completeness of the device as comprised in but six members or pieces in addition to the hinges and the fastening nails or screws. This simplicity or reduction of the parts to the minimum is largely due to the arrangement and combination of the cross-boards *B B*, which not only serve as the clamping or gripping members, but also as the ties for uniting the opposite side pairs of the carrier-bars, and the simplification of the device is, furthermore, insured by the divergent arrangement and inclined formation of the ends of the bars, (indicated at *h*,) whereby the range of clamping action is rendered sufficiently great without the necessity of making any of the parts adjustable, and thereby objectionably complicated and "trappy."

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

A barrel-carrier consisting of the four carrier-bars *A*, arranged in opposite side pairs

having their approached end portions downwardly widened and hinge-connected at the junction of their under edges and adjacent ends, which ends from the hinge-point are inclined and upwardly divergent, as at *h*; and
5 the boards, B B, extending between and secured to opposite pairs of the handle-bars, having their inner edges formed with arc-shaped recesses *i*, and constituting both the

barrel-clamping members and the ties for uniting and bracing the opposite side pairs of the said bars, substantially as described.

Signed by me at Springfield, Massachusetts, in presence of two subscribing witnesses.

SETH J. BUCKLAND.

Witnesses:

WM. S. BELLOWS,
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