

No. 701,387.

Patented June 3, 1902.

C. M. PHILLIPS.
REMOVABLE HANDLE.

(Application filed Mar. 3, 1902.)

(No Model.)

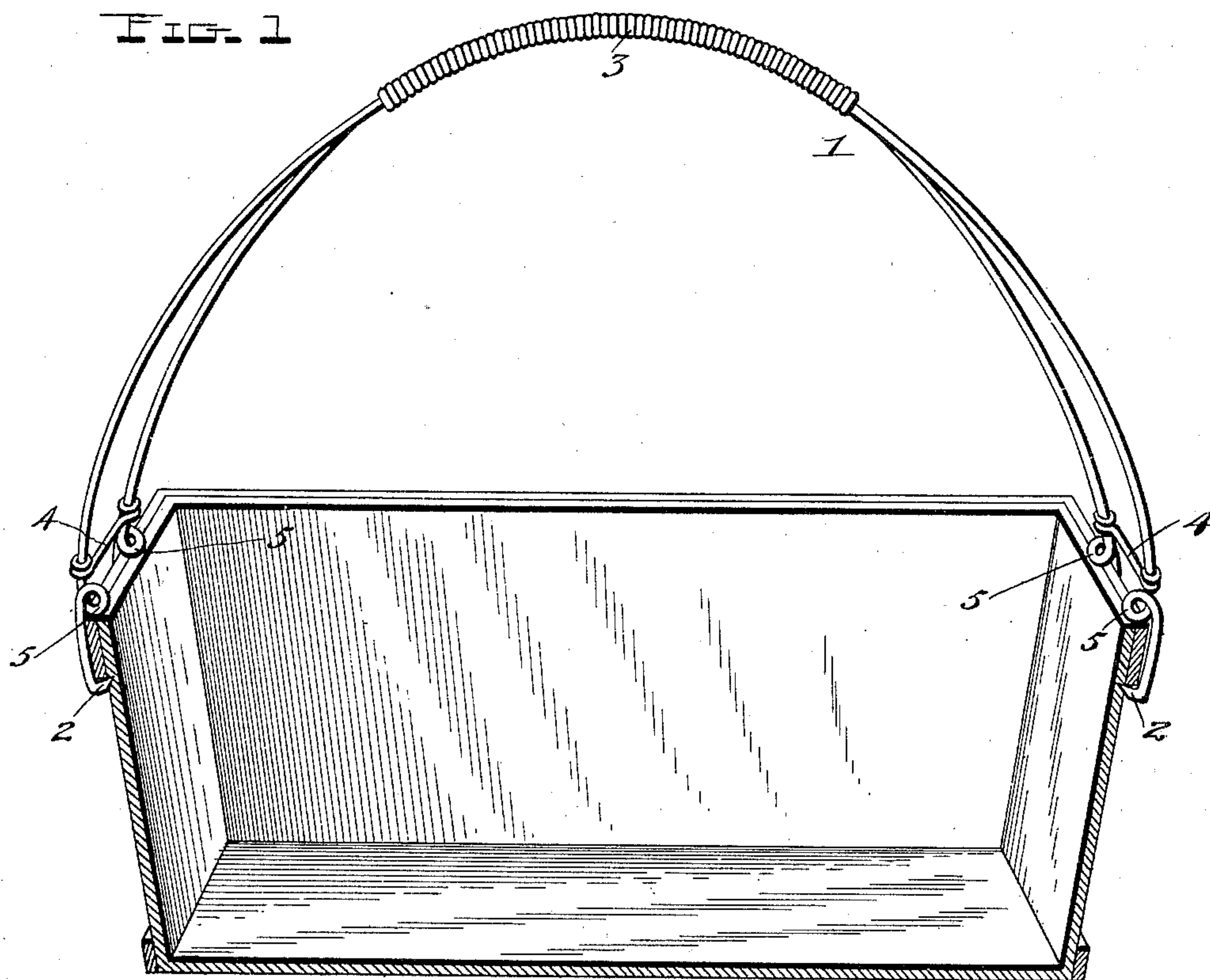


FIG. 2



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Witnesses

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UNITED STATES PATENT OFFICE.

CHARLES M. PHILLIPS, OF LINKWOOD, MARYLAND.

REMOVABLE HANDLE.

SPECIFICATION forming part of Letters Patent No. 701,387, dated June 3, 1902.

Application filed March 3, 1902. Serial No. 96,452. (No model.)

To all whom it may concern:

Be it known that I, CHARLES M. PHILLIPS, a citizen of the United States, residing at Linkwood, in the county of Dorchester and State of Maryland, have invented certain new and useful Improvements in Removable Handles; and I 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 removable handles, primarily designed to be used for lifting and conveying crates, boxes, and baskets, such as are generally used by fruit-packers; and the object of the invention is to provide a handle of this character which shall be simple of construction, durable in use, comparatively inexpensive of production, and one which may be easily attached to the box or basket and be as easily detached therefrom and which will have a wide range of adjustment to accommodate itself to containers of different sizes and shapes.

With the above and other objects in view, which will readily appear as the nature of the invention is better understood, the same consists in certain novel features of construction and combination and arrangement of parts, which will be hereinafter fully described, defined in the appended claim, and illustrated in the accompanying drawings, in which—

Figure 1 is a view illustrating in vertical section a fruit-box and in perspective my improved handle attached thereto, the prongs or barbs of the handle being shown buried into the material of which the basket is formed at a point immediately below the upper hoop thereof. Fig. 2 is an enlarged view of the lower end of one of the bows or bails.

Referring now more particularly to the drawings, 1 denotes the handle, which preferably consists of two bails or bows, the ends of which are provided with penetrating points, barbs, or studs 2, projecting inwardly and toward each other. The curved portions of said bails or bows are brought together and are connected by a handle 3, which may, as shown in the drawings, consist of a wire coil soldered, brazed, or otherwise connected to the bows or bails and affording a hand-grasp, as well as serving to connect the bails together. The bows or bails at the opposite

ends of the hand-grip begin to diverge or spread apart, so that when the ends are reached the ends of one bow are located quite a distance apart, as shown in the drawings, and are retained in this position by cross-bars 4. The bows or bails immediately above the barbs or points are provided with inwardly-projecting stop-shoulders 5, which are adapted to rest upon the upper edge of the basket when the handle is attached to the same or upon the top of the box when the handle is attached thereto, and thereby prevent the prongs or barbs from becoming accidentally disengaged from the box or basket by the weight of the handle when said box or basket is set down. Each stop-shoulder is preferably formed by making a coil in the wire.

In use to engage the handle with the object to be carried the bows or bails are spread apart and the prongs slipped down alongside the object until the stops come in contact with the upper edge or top of the object. The prongs are then driven into the object or, in some instances, will draw themselves into the object when the handle is grasped and raised, the prongs being slightly inclined and beveled. The box, basket, or other object may now be removed from place to place, and when placed upon the floor the handle will remain in a fixed upright position, due to the fact that the stop-shoulders will prevent the weight of the handle working its prongs loose.

To disengage the handle, the bows or bails are spread apart and a slight downward pressure imparted while they are being spread apart.

From the foregoing description, taken in connection with the accompanying drawings, it is thought that the construction, operation, and advantages of my improved handle for fruit baskets or boxes will be readily apparent 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 my invention, what I claim as new, and desire to secure by Letters Patent, is—

A handle of the character described comprising bows or bails connected together at their highest point and spread apart at their ends and provided with barbs, shoulders projecting inwardly from said bows or bails immediately above said barbs, and braces for holding the ends spread apart, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CHARLES M. PHILLIPS.

Witnesses:

JAS. A. CARROLL,
A. O. SHERMAN.