

W. H. HART.
Lifting-Handle.

No. 215,739.

Patented May 27, 1879.

Fig. 1.

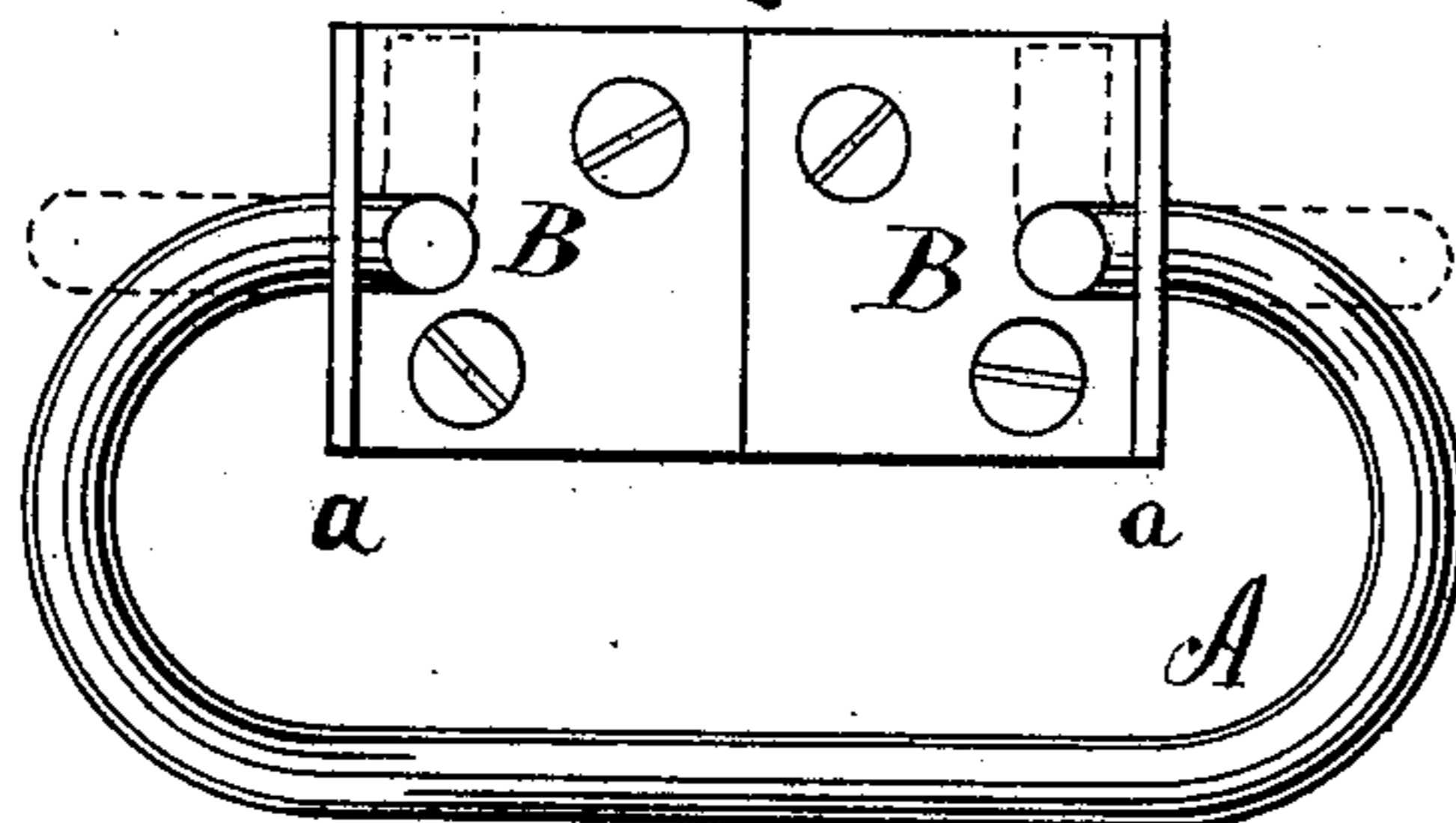


Fig. 2.

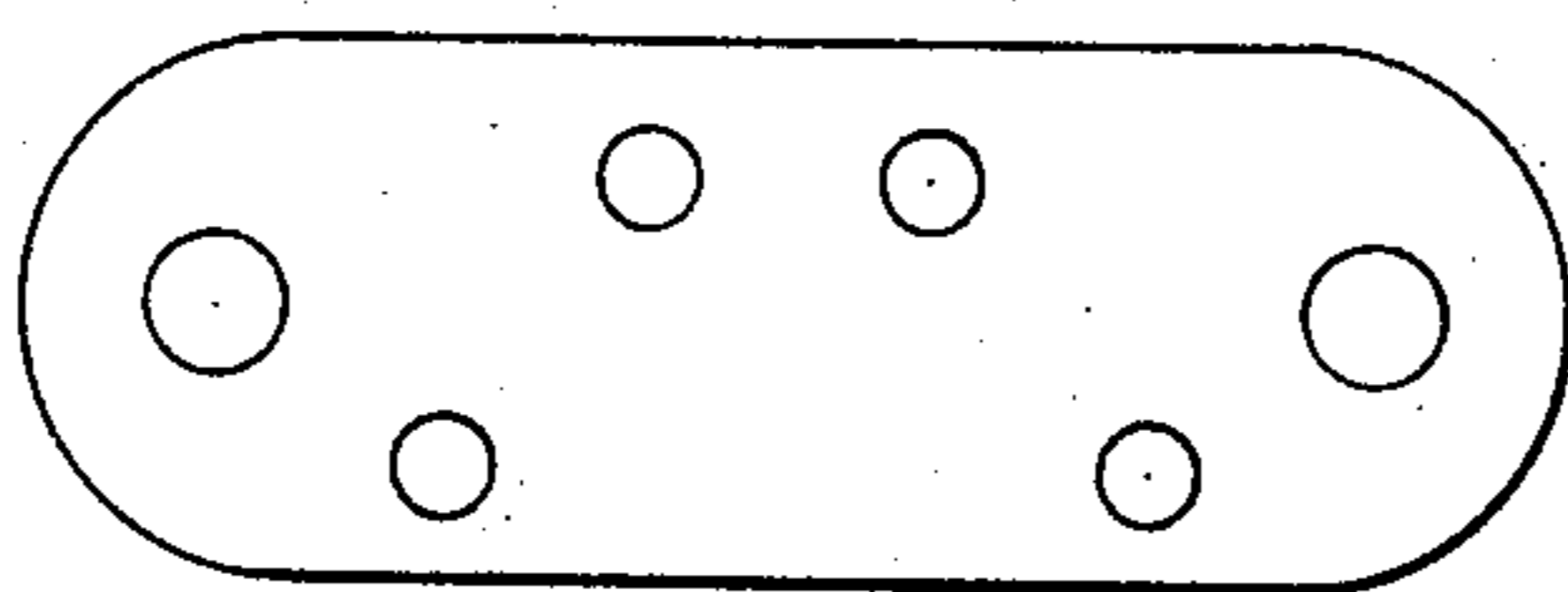
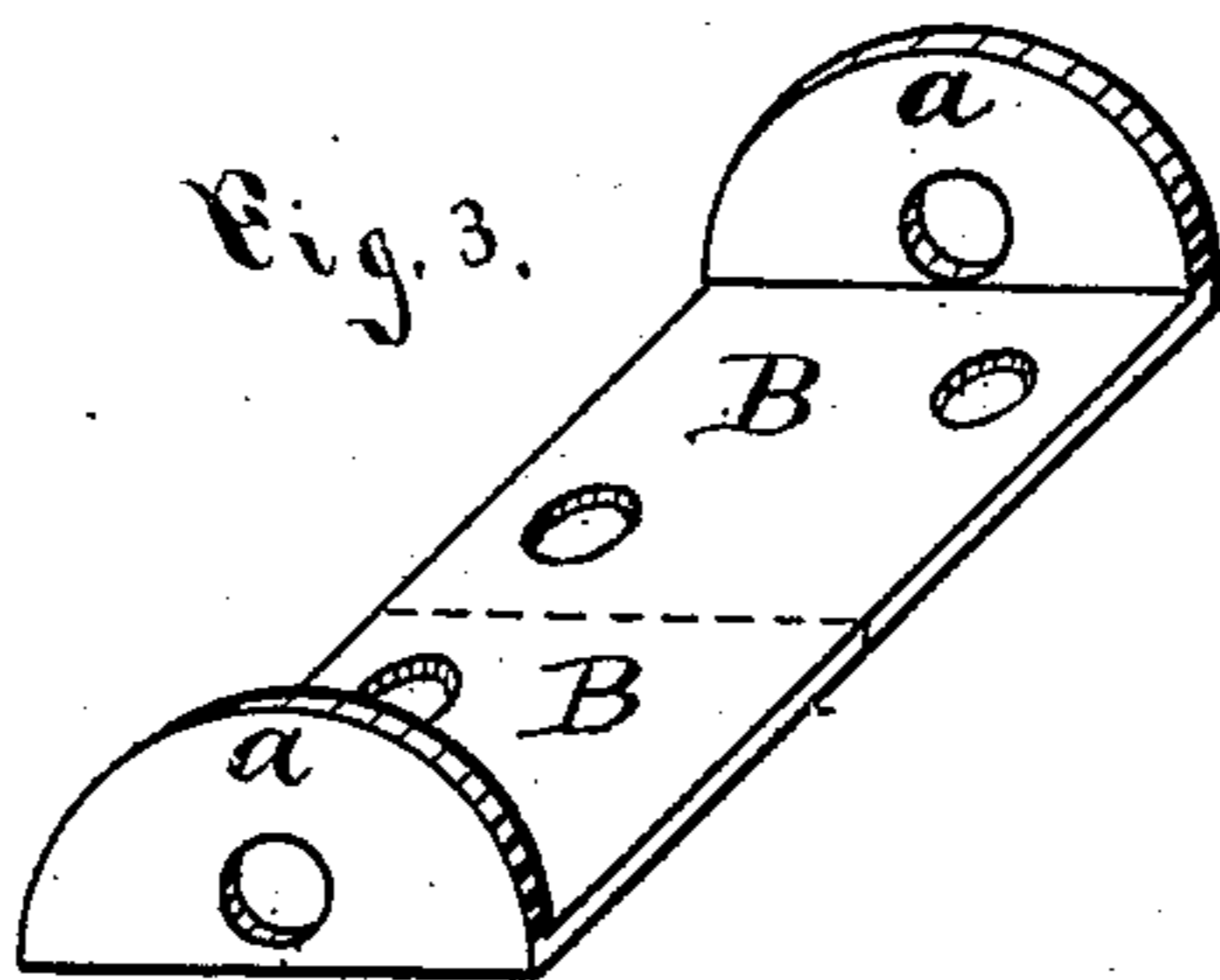


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

WILLIAM H. HART, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO
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IMPROVEMENT IN LIFTING-HANDLES.

Specification forming part of Letters Patent No. **215,739**, dated May 27, 1879; application filed
September 19, 1878.

To all whom it may concern:

Be it known that I, WILLIAM H. HART, of New Britain, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Lifting-Handles, of which the following is a specification.

My invention consists in the article hereinafter described and claimed, having ears for the handle formed solid on one and the same piece with the base-plate.

In the accompanying drawings, Figure 1 is a front elevation of a lifting-handle which embodies my invention. Fig. 2 is a plan view of the blank for the base-plate of said handle, showing the result of the first step in the process of making the article; and Fig. 3 is a perspective view of the same, showing the result of the second step in the manufacture thereof.

A designates the wire handle, with its two ends bent at right angles to the plane in which the body of the handle lies, for the purpose of forming stops, as in the ordinary wire lifting-handle.

The base-plate B B is in two parts, with their inner ends adapted for abutting against each other when properly set in place. The outer end of each part has an upturned ear, *a*, standing at about right angles to said part, which ears are provided with a round eye for the reception of the handle. These parts may be shipped when detached from each other, and when it is desired to attach them to a box or other object the parts B B may be taken separately and held in such a position relatively to the bent ends of the handle that the latter may readily be passed through them, after which the parts B B, which form the base-plate, may be brought into the position shown in Fig. 1 and secured in place, when it will be impossible to detach the handle. Thus it will be seen that by making the base-plate in two parts the ends of the handle can be passed through the eyes after they are formed complete, which would not be the case with an undivided base-plate having solid ears of the same form.

The broken lines in Fig. 1 designate the handle raised to a horizontal position. By making the ears for this style of handle of one

and the same piece with the base-plate, they may easily be elongated to any desired extent, so as to always project beyond the bent ends of the handle, and answer as a guard to prevent the said handle ends from catching upon other objects when in use.

Many different plans for making the base-plate may be devised; but probably the best mode will be to press out and punch the blank with a double die and punch into the form shown in Fig. 2; then turn up both ears into the form shown in Fig. 3, after which it may be divided, as indicated by the broken line in Fig. 3.

Ordinarily, wrought-metal lifting-handles have been provided with a broad flat base-plate, having staples riveted thereto for securing the handle; and cast-metal handles are old when made with T-shaped ends the arms of which T are in the same plane with the body of the handle, which handle was attached to two separate cast base-plates having oblong holes, by the side of which holes were ears recessed on the back side, the same being put together by passing the T-shaped ends through the oblong holes, and then turning each base a quarter-turn to bring the T-arms transversely to the oblong holes and into the recesses on the back of said plates, all of which prior devices are hereby disclaimed.

By my invention a saving of both stock and labor is effected, thereby producing the article at less cost.

I claim as my invention—

The lifting-handle herein described, consisting of the ordinary wire lifting-handle, the ends of which stand at substantially right angles to the plane in which the body of the handle lies, in combination with the ears having round eyes, and standing at right angles to, and formed solid in one and the same piece with, the part of the base-plate to which they are connected, said base-plate being formed in two parts, substantially as and for the purpose described.

WM. H. HART.

Witnesses:

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