

E. Gibbs,

Plate Lifter.

No. 104,298.

Patented June 14, 1870.

Fig 1

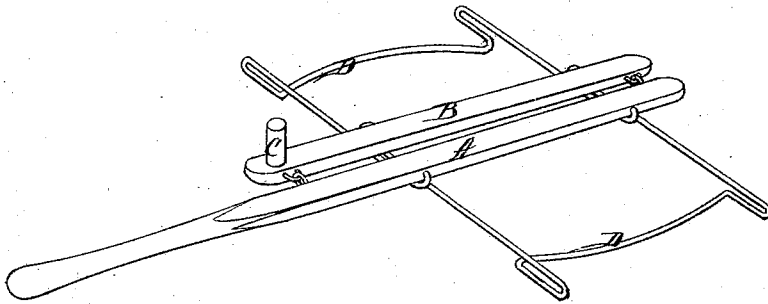
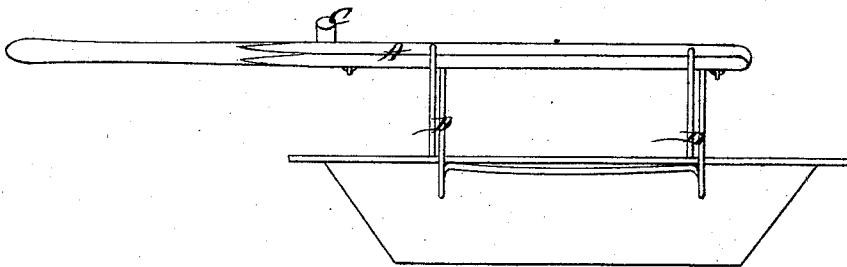


Fig 2.



Witnesses.

Harry King
W. L. Curtis

Inventor.

Edwin Gibbs
per
Alexander Mason

Atty.

United States Patent Office.

EDWIN GIBBS, OF RICHLAND CENTRE, WISCONSIN.

Letters Patent No. 104,298, dated June 14, 1870.

IMPROVED PLATE-LIFTER.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, EDWIN GIBBS, of Richland Centre, in the county of Richland and in the State of Wisconsin, have invented certain new and useful Improvements in Plate-Lifters; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a lifter for plates, &c., as will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of the plate-lifter, and

Figure 2 is a side view of the same, as it appears when holding a plate.

A represents the handle of the lifter, of any suitable length, having a bar, B, hinged to its left side, at the front end.

The bar B is, on the upper side, at its rear or inner end, provided with a pin, C.

To the handle A and bar B are secured two wire grab-hooks, D D, of the peculiar shape shown in fig. 1, said hooks crossing each other and extending in op-

posite directions; that is, the hook attached to the handle extends under the bar B, out toward the left, while the other hook attached to said bar extends under the handle A, out toward the right.

To use the lifter, take hold of the handle A with the right hand, pressing outward, toward the left, on the pin C, with the thumb, which spreads and holds the grabs D D apart. The grabs are then slipped under the edges of the plate, and the thumb removed from the pin C, when the grabs will swing together under the plate, so that it can be lifted. The heavier the plate is the tighter the grabs will hold it. Then, by pressing outward on the pin C, the grabs will separate and be removed from the plate.

Having thus fully described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the hinged arms A B and stud C with the wire rods D D, bent as shown, crossing over and connected to the arms furthest from the side at which they are hooked, to grasp the plate, all as set forth.

In testimony that I claim the foregoing, I have hereunto set my hand this 26th day of April, 1870.

EDWIN GIBBS.

Witnesses:

JOHN LEWIS,
W. H. DOWNS.