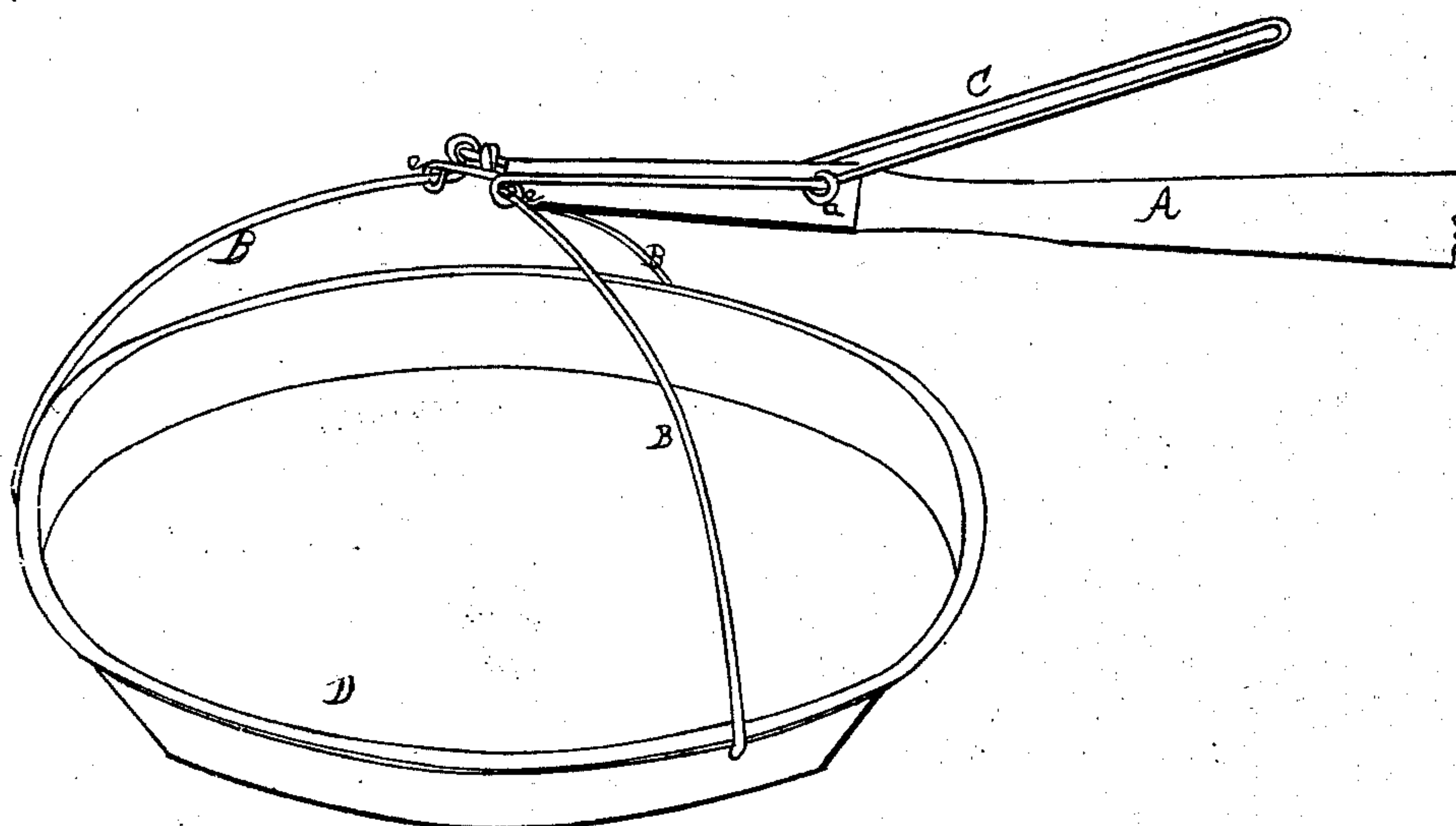


David B. Beaty's Plate Lifter

71954

PATENTED

DEC 10 1867



Witnesses.

C. H. Marr

Inventor.

David B. Beaty
per
Alexander Mason
Atty

United States Patent Office.

DAVID B. BEATY, OF AURORA, INDIANA, ASSIGNOR TO HIMSELF AND
JAMES LAMB.

Letters Patent No. 71,954, dated December 10, 1867.

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, DAVID B. BEATY, (assignor to myself and James Lamb,) of Aurora, in the county of Dearborn, and in the State of Indiana, 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 drawings, and to the letters of reference marked thereon.

In the annexed drawings, making part of this specification, A represents a handle, which has secured into its outer end a staple or eye. B B B represent three hooks, which are placed equidistant apart, and which have their inner ends coiled around or into the staple or eye. C represents a rod, which is bent in the manner seen, and is pivoted near its centre to the handle; said handle being embraced between the two parts of the rod. The rod has one of its ends bent or looped around the hooks B, and then fastened to its other end.

By bearing down the free end of the rod C, that end which is looped around the hooks causes said hooks to rise, while, by raising it from the handle, the hooks fall, so as to embrace a plate upon three sides, as seen in the figure. The hooks will fall of their own gravity, and catch and hold a plate, and the handle C may be used for loosening the grasp of the hooks. To make the hooks grasp the plate tightly, it is necessary to use the rod C.

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

The curved wires B B B, having hooks at their lower ends, and connected to a handle, A, said handle being provided with a wire loop, formed into a spring, which connects to the wires B, so that, by pressing upon this spring C, the wires B are caused to separate and release the plate, all constructed as specified.

In testimony that I claim the foregoing, I have hereunto set my hand, this 20th day of September, 1867.

DAVID B. BEATY.

Witnesses:

JNO. A. CONWELL,
DIXON L. GILL.