

J. Ottner,

Lifting Handle.

N^o 28,940.

Patented June 26, 1860.

Fig. 1.

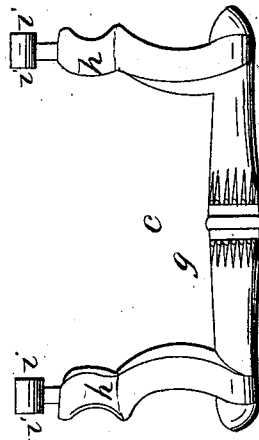
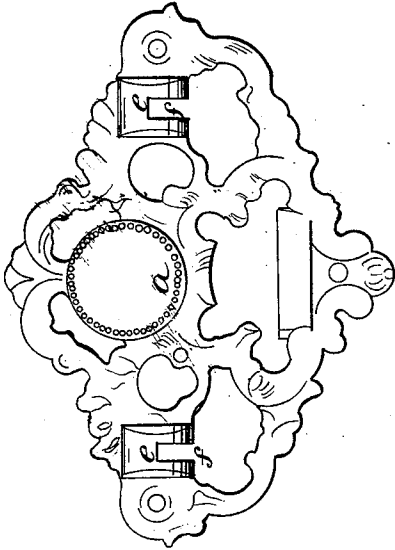
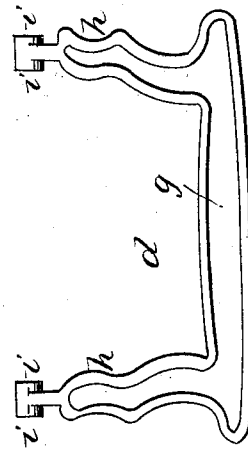
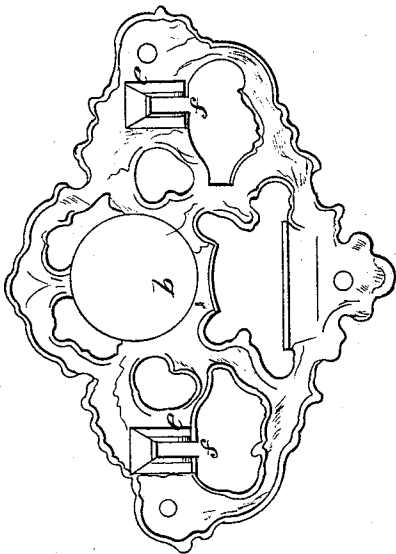


Fig. 2.



Witnesses:
Arthur L. McIntire
Lucie F. Whitney

Inventor,
Joseph Ottner
By J. W. Briggs

UNITED STATES PATENT OFFICE.

JOSEPH OTTNER, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO P. & F. CORBIN, OF
SAME PLACE.

LIFTING-HANDLE.

Specification of Letters Patent No. 28,940, dated June 26, 1860.

To all whom it may concern:

Be it known that I, JOSEPH OTTNER, of New Britain, county of Hartford, and State of Connecticut, have invented a certain new and useful Improvement in Lifting-Handles; and I do hereby declare that the same is described and represented in the following specification and drawings, and to enable others skilled in the art to make and use said improvement I will proceed to describe its construction, referring to the drawings, in which the same letters indicate like parts in each of the figures.

This improvement relates to that class of handles which may be called self constructed, or in other words, it is made of two parts, cast separately, and put together without any extra labor of fitting up, and the nature of the improvement consists in making an ornamental plate handle, the plate having two raised sockets, each of which is provided with parallel slits extending upward from an opening in the plate to the center of the sockets and nearly in a right angle line from the base face of the plate, forming on each side of the slits, and inside of each of the sockets, shoulders or bearings for the double pivoted shank ends of the handles, so that when the plates and the handles are cast they are ready to be put together, without any extra labor of finishing, drilling, or pivoting and said handles will be held securely in place thereby when secured by screws to the place desired to be used, without any other fastenings.

In the accompanying drawings Figure 1 is a face view of the plate and its handle, made plane or of ornamental open work. Fig. 2 is a back side view of the plate and handle.

a, is the front side of the ornamental plate.

b, is the back-side of the plate; *c*, the front side of the handle; *d*, the back side of the handle.

e, are the raised sockets.

f, are the slits for the handles having shoulders or bearings each side of the slits to sustain or support the shanks of the handle. Said slits are formed, commencing at the base of the sockets *e*, extending perpendicular up the sockets to the center or top thereof, or nearly so and parallel with each other, so that when the handles *g*, are

inserted, and the plate secured in place desired for use, the shanks of the handles will when placed in a lifting position stand at about right-angles with the surface to which the plate is secured. The sides of the slits and the ends of the slits combined form bearers, or supports, for the handles when they are placed in a lifting position.

g, is the handle.

h, are the shanks of the handle.

i, are the hinge pivots formed on each side of the end of the handle shanks *h*, which fit into the sockets *e* and serve as fulcrums for the handle *g*.

The handle and the plate (without extra labor of fitting, drilling, and pivoting) thus constitute the lifting handle complete and comprised of only two pieces by means simply of so making the patterns from which they are produced or formed that the castings therefrom will readily be put together just as they come from the foundry (excepting the ordinary trimming of castings), thereby producing a cheaper and a more tasteful article for use and trade.

I believe I have shown the nature of my improvement, the mode of its construction, and the advantage to be derived therefrom over others now in use.

I am aware that handles have been made having two ears made separately or in two pieces and one pivot formed on each shank of the handle, the whole composed of three parts, the end of the sockets being open toward each other. Such therefore I do not claim; but

What I claim as of my own invention and desire to secure by Letters Patent is—

The raised socket *e*, having parallel slits *f*, starting from the under side, or edge, of the sockets, and extending upward to the center (or nearly so) thereof, so as to hold the handle in a proper lifting position, with the double pivoted shanks *h*, made to correspond to the chamber of the sockets, so as to hold it (the handle) in place as and for the purpose described.

In testimony whereof I have hereunto set my hand and seal this 19th day of May 1860.

JOSEPH OTTNER. [L. s.]

Witnesses:

V. B. CHAMBERLAIN,
CHARLES PECK.