

F. J. SEYMOUR.
EGG-BEATER.

No. 177,574.

Patented May 16, 1876.

Fig. 1.

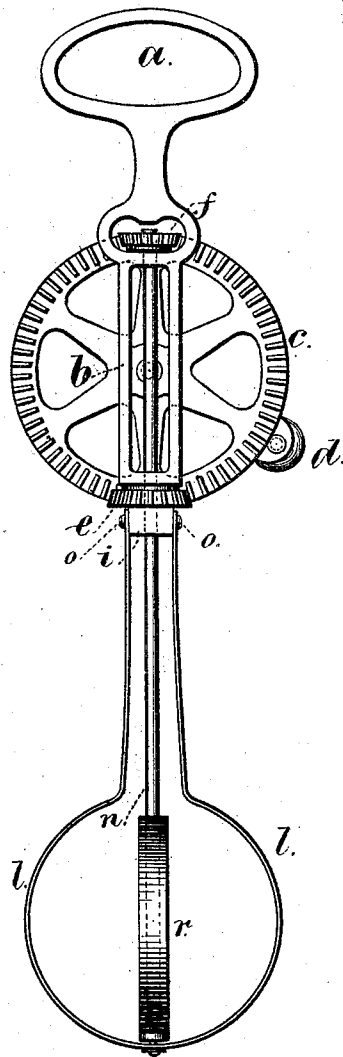
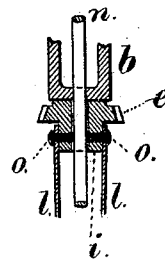


Fig. 2.



Witnesses,

Chas. H. Smith
Harold Smith

Inventor

Frederick J. Seymour
per L. W. Ferrell

Atty

UNITED STATES PATENT OFFICE.

FREDERICK J. SEYMOUR, OF WOLCOTTVILLE, CONNECTICUT.

IMPROVEMENT IN EGG-BEATERS.

Specification forming part of Letters Patent No. **177,574**, dated May 16, 1876; application filed October 16, 1875.

To all whom it may concern:

Be it known that I, FREDERICK J. SEYMOUR, of Wolcottville, in the county of Litchfield and State of Connecticut, have invented an Improvement in Egg-Beaters, of which the following is a specification:

Egg-beaters have been made with floats or beaters of metallic strips bent to form one bow within another, and these are revolved by pinions and a gear-wheel turned by hand.

In consequence of the shaft of one pinion passing through the other pinion, there has been difficulty in connecting the beater or float to this pinion. This has sometimes been done by inserting the ends of the wire floats or beaters into the hub of the pinion. This construction is not firm, and the floats are liable to separate from the pinion.

My improvement is made for removing the aforesaid difficulties and securely fastening the floats to the pinion.

In the drawing, Figure 1 is an elevation of the egg-beater complete, and Fig. 2 is a detached sectional view of the pinion.

The handle *a* is at one end of the frame *b*, that is provided with a gudgeon for the gear-wheel *c*, that is revolved by the handle *d*, and serves to give motion to the pinions *e* and *f*. These parts are similar to those in egg-beat-

ers described in Letters Patent heretofore allowed to me, except that the pinion *e* is provided with a polygonal hub, *i*, to the sides of which the floats or beaters *l* are attached by means of rivets *o o*, that are driven in against a mandrel, that is inserted into the hole of the pinion and afterward withdrawn. This mode of attaching the floats *l* insures strength and permanence, and does not interfere with the shaft *n*, that passes through the pinion *e* and hub *i*, and receives the inner float or beater *r*.

I do not claim a hub to the pinion of the egg-beater, as the same has in some instances been employed and received into holes, the ends of the wires forming the beaters or floats.

I claim as my invention—

The egg-beater made with a polygonal hub, *i*, upon the pinion *e*, and beaters or floats of flat metallic strips attached to the flat sides of the hub by rivets, upset at their inner ends by contact with a mandrel inserted in the hole for the shaft, on which said pinion revolves, as and for the purposes set forth.

Signed by me this 14th day of October, A. D. 1875.

FREDERICK J. SEYMOUR.

Witnesses:

H. B. LATHROP,
GIDEON H. WELCH.