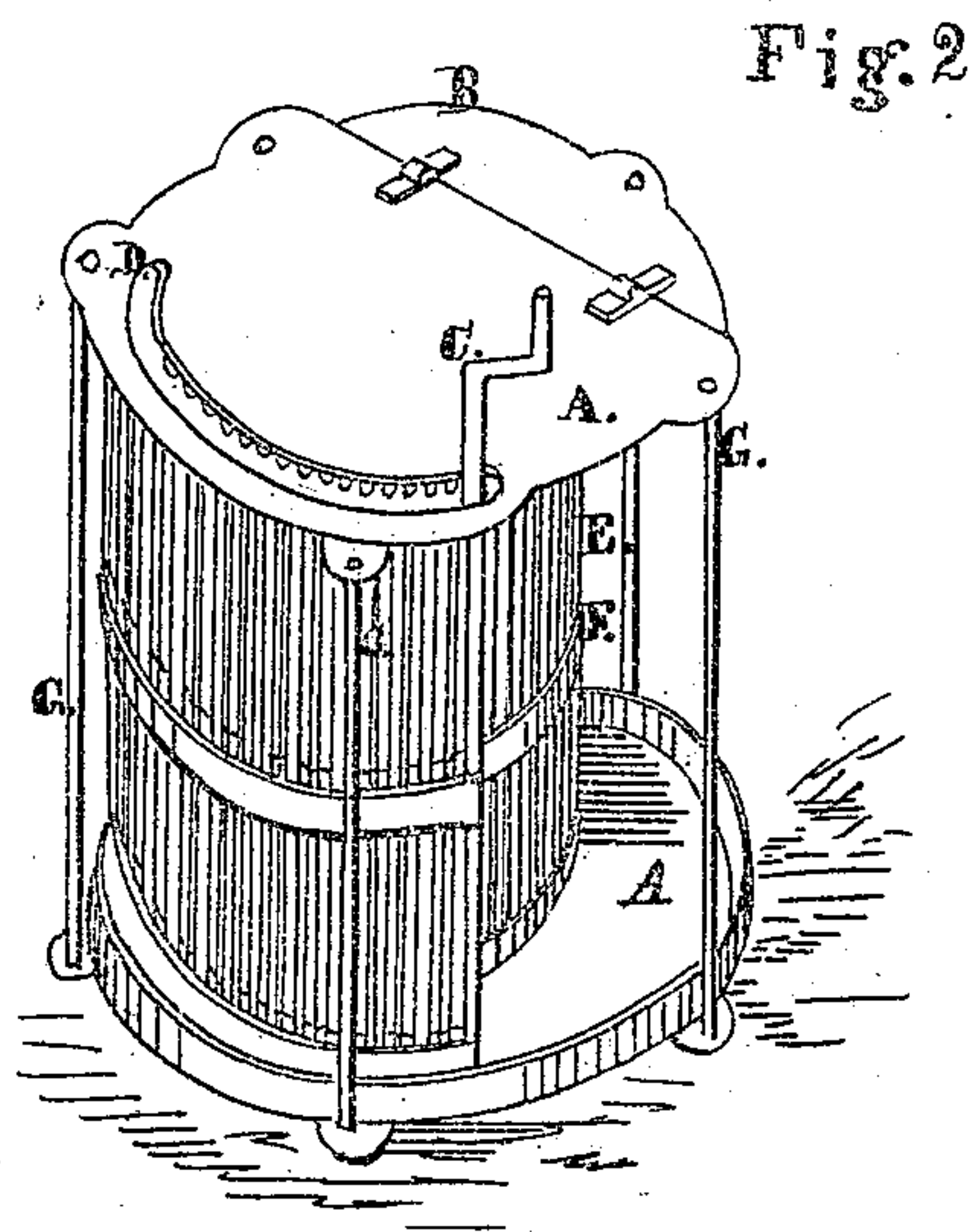
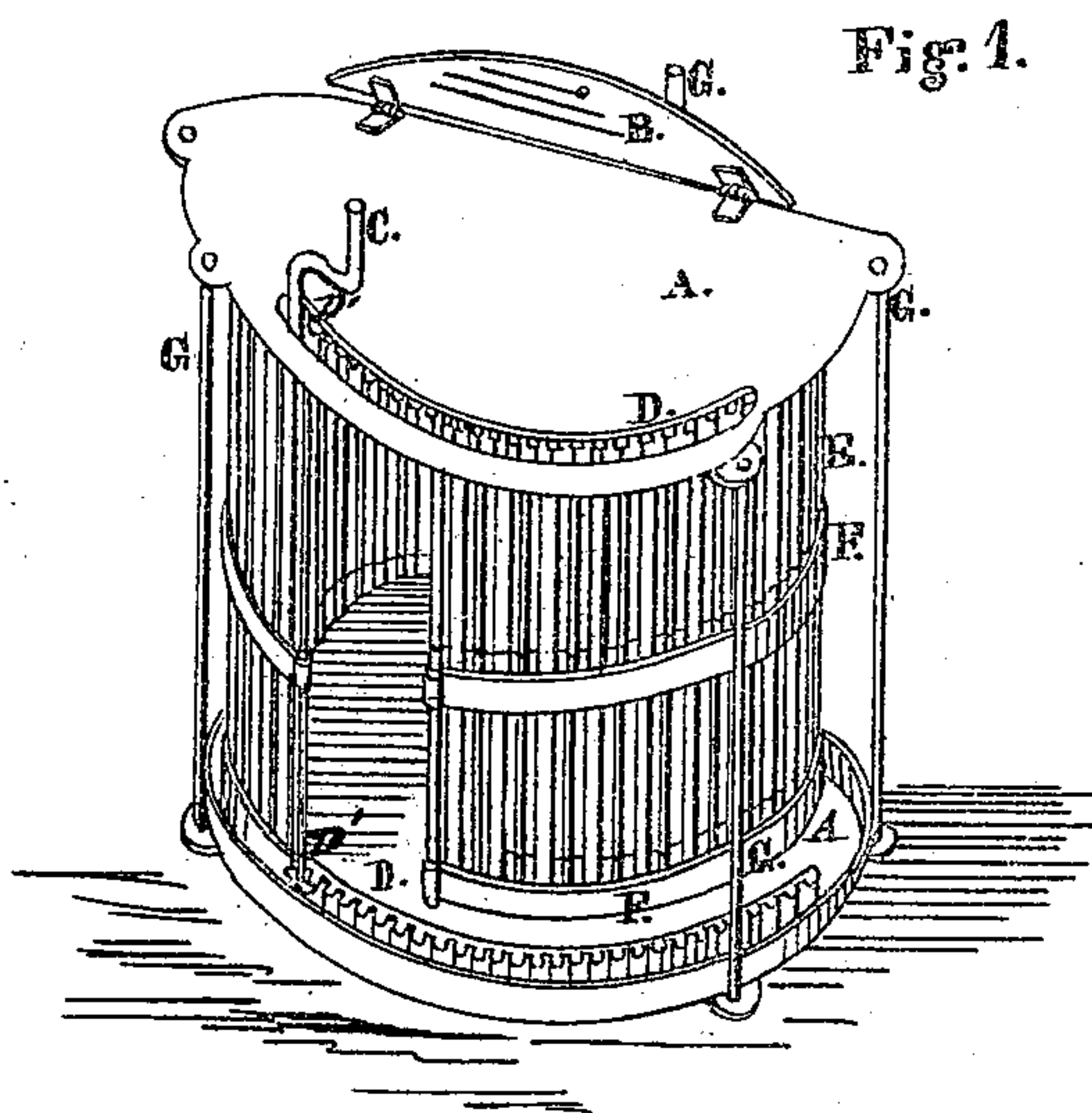


F. MOMBURG

Improvement in Hop-Presses.

No. 128,059.

Patented June 18, 1872.



Witnesses:

A. Schattlenberg,  
E. J. Smith,

Inventor:

Frederick Momburg  
By W. B. Smith  
Witness

# UNITED STATES PATENT OFFICE.

FREDERICK MOMBURG, OF BURLINGTON, WISCONSIN.

## IMPROVEMENT IN HOP-PRESSES.

Specification forming part of Letters Patent No. 128,059, dated June 18, 1872.

### SPECIFICATION.

I, FREDERICK MOMBURG, of Burlington, in the county of Racine in the State of Wisconsin, have invented certain Improvements in Hop-Presses, of which the following is a specification:

#### *Nature and Object of the Invention.*

My invention is for pressing hops after they have been steeped for brewing; and the arrangement is a circular press which, as the windlass is turned, coils it into a smaller compass, and thus presses the liquid out of the hops. It is a convenient and simple press. The hops, with the liquid in which they have been steeped, are run into the press—which may stand in a tub or other vessel to hold the liquid—and when the hops are pressed a person can step into the press and shovel them out again.

Figure 1 is a perspective view of my invention open; Fig. 2, an upright view of same pressed up together.

A are the heads or bottom and top of the machine; B, the cover to the opening where the hops and liquid enter the press; C, the crank and windlass to bring the press round together; D, racks for the pinions D' on

windlass C to work in; E, the flexible barrel of the press; F, spring bands on the outside of the flexible barrel; G, rods which hold the machine together. The material of E is open work, so that the liquid can run out between the interstices. The machine, as shown in Fig. 1, is open, for the purpose of having the hops that are already pressed thrown out, and the new hops run into the machine. Then by turning upon the crank and bringing the press into a smaller compass the liquid is pressed out of the hops.

The press is to be put into a tub or other vessel, and the hops and liquid turned into the press, and, as soon as drained a little, the crank is put on and the shaft turned and the liquid pressed out of the hops in the manner described.

#### *Claim.*

I claim—

In a press, the parallel heads A and flexible cylindrical compressor E, in combination with the racks D and traveling pinions D', substantially as shown and described.

FREDERICK MOMBURG.

Witnesses:

A. EDDY WELLS,  
JOHN SMITH.