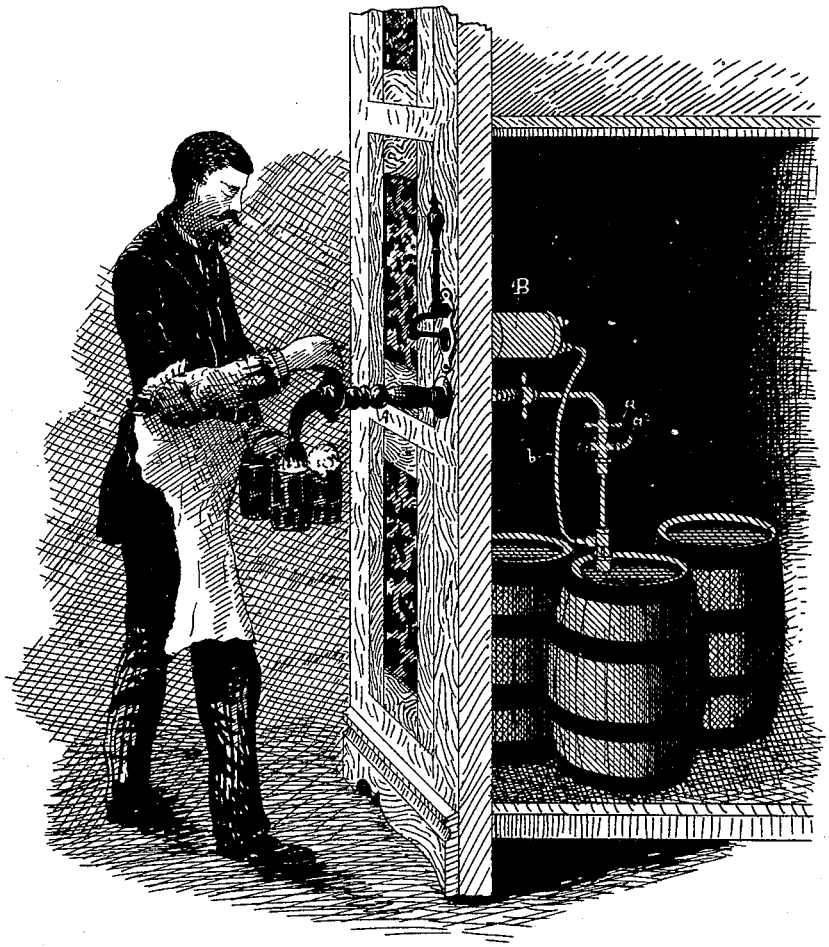
(No Model.) 2 Sheets—Sheet 1.

H. C. MONTGOMERY.

BEER PUMP.

No. 348,333. Patented Aug. 31, 1886.

Fig. 1



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(No Model.) 2 Sheets—Sheet 2.

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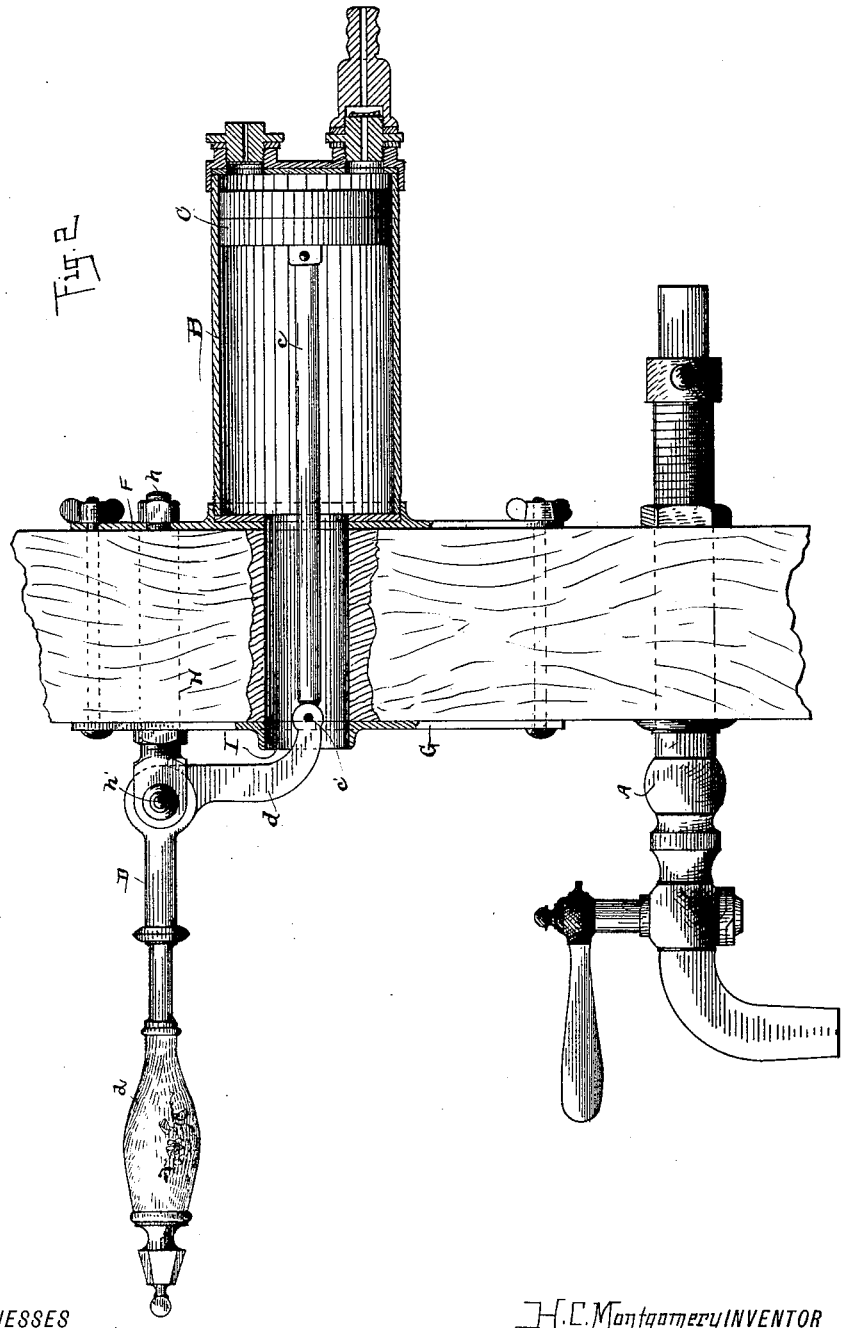
Fig. 2



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UNITED STATES PATENT OFFICE.

HARRY C. MONTGOMERY, OF CLEVELAND, OHIO.

BEER-PUMP.

SPECIFICATION forming part of Letters Patent No. 348,333, dated August 31, 1886.

Application filed November 21, 1885. Serial No. 183,462. (No model.)

To all whom it may concern:

Be it known that I, HARRY C. MONTGOMERY, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Beer-Pumps; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

My invention relates to improvements in beer-pumps; and it consists in certain features of construction and in combination of parts, hereinafter described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a view in perspective of my improved beer-pump and attachment. Fig. 2 is an enlarged side elevation, partly in section, of the beer-faucet and air-pump, showing the construction of the attachment of the latter.

A represents the beer-faucet, connected in the usual manner by the pipe *a*, leading into a beer-keg, the pipe *a'* extending to near the bottom of the keg. The pipe *a* is provided with the usual air-cock, a^2, and suitable couplings.

B is the air-pump, and is connected by the tube *b*, usually with an enlarged portion of the pipe *a*, the latter having a separate orifice, through which the air is discharged into the top of the keg. The air-pump has a piston, C, pivoted to the rod *c*, the latter in turn being pivoted at *c'* to the depending arm *d* of the lever D.

The manner of attaching the air-pump and lever to the partition E, or to whatever stationary object it is desired to attach the same, is as follows, the object in this part of the construction being to secure as long a stroke of the air-pump as possible with a lever extending a short distance from the support and into the room, and to secure the air-pump and lever-fulcrum by means of clamp-plates embracing the partition and bolted thereto, by means of which the parts are easily attached to partitions or like supports of various thicknesses, and the attachments are rendered strong and durable: To this end the plates F and G are located on opposite sides of the partition E and bolted "through and through." To the plate F is rigidly attached the air-pump. A bolt, H, passes through the two plates and partition, and is secured by a nut, *h*. The forward end of the bolt is forked for embracing the lever D, and a bolt, *h'*, passes laterally through the prongs and through the lever, forming a fulcrum for the latter. A suitable opening, I, is had through the partition and plates for the passage of the rod *c*, and in which to operate the end of the lever *d*, the latter being curved, as shown in Fig. 2. By curving the arm *d* so that the latter may enter some distance into the opening I, the rod *c* can be made shorter and the fulcrum of the lever set correspondingly closer to the partition without interfering with the length of the stroke of the air-pump. The handle *d'* thereof does not extend so far into the room, the same being a very desirable feature, as the apparatus is frequently located where the space is very limited.

What I claim is—

In a beer-pumping apparatus, the combination, with a partition or other suitable support, of the pump-cylinder B, fixed to one side of said support, the standard H, projecting from the opposite side of said support, passing through the same and fixed therein by a screw-nut and clamp-plate, and the operating bell-crank lever D, fulcrumed on the standard H and connected to the pump-piston C *c*, all substantially as herein shown and described, for the purposes set forth.

In testimony whereof I sign this specification, in presence of two witnesses, this 12th day of November, 1885.

HARRY C. MONTGOMERY.

Witnesses:

G. W. SHUMWAY,

FREDK. KINSMAN.