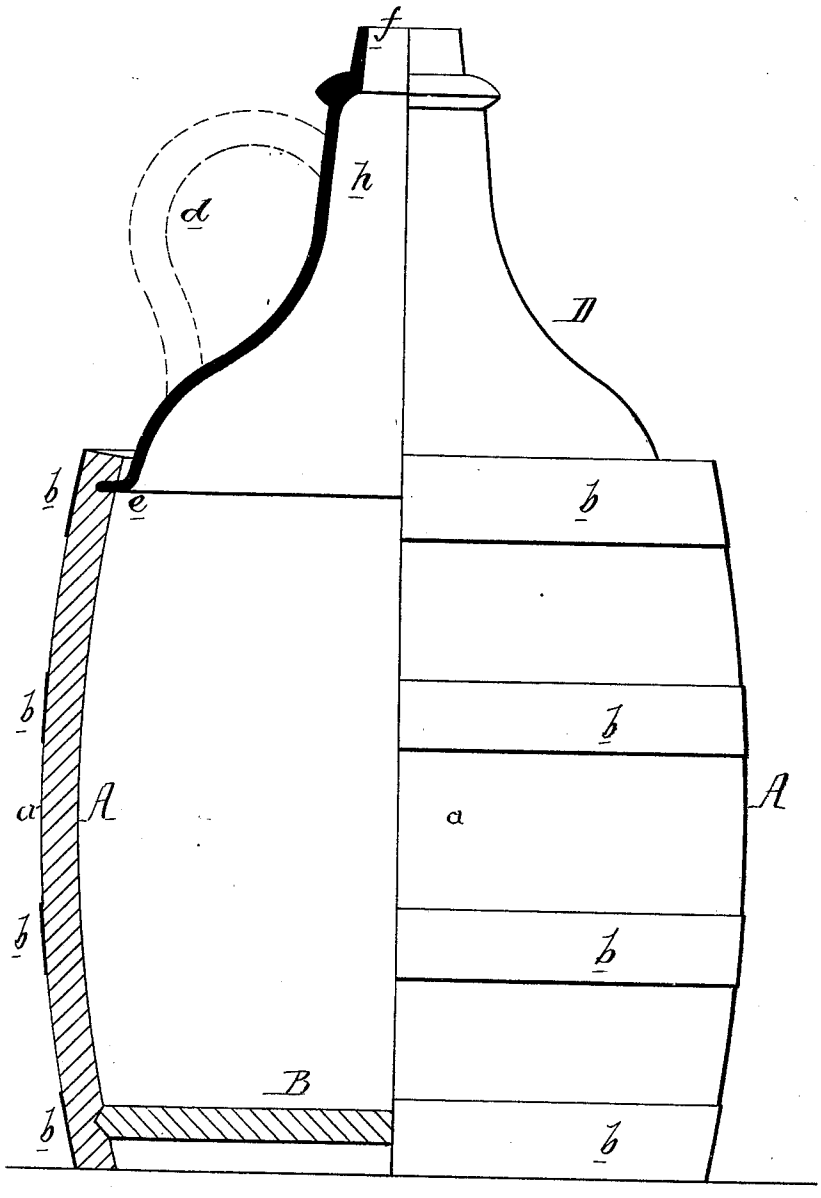
D. H. SHOURDS.

DEMIJOHN.

No. 175,178. Patented March 21, 1876.



Witnesses
Harry Howson Jr
Harry Smith

David H. Shourds
by his Attorneys
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N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

DAVID H. SHOURDS, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN DEMIJOHNS.

Specification forming part of Letters Patent No. **175,178**, dated March 21, 1876; application filed March 4, 1876.

To all whom it may concern:

Be it known that I, DAVID H. SHOURDS, of Philadelphia, Pennsylvania, have invented an Improvement in Demijohns, of which the following is a specification.

The object of my invention is to construct a cheap and comparatively light demijohn, which can resist hard usage as well as an ordinary barrel, and which is well adapted for containing and transporting malt-liquors.

The accompanying drawing represents, partly in section, my improved demijohn, the lower portion of which consists of an ordinary barrel, A, composed of staves *a* and bottom B, all bound together by hoops *b*, in the usual manner.

In place of the usual wooden head of the barrel, I use a metal top, D, of a form substantially as shown in the drawing, this top being, by preference, of cast iron, galvanized, and having the neck *h*, and at its lower end a flange, *e*, adapted to the internal groove near the upper edge of the barrel, a perfectly-tight joint being effected between the flange and barrel by means of the upper hoop.

If desired, a suitable handle, *d*, shown by dotted lines, may be cast on the top D.

The mouth *f* may be arranged for the reception of an ordinary cork or bung, into which may be screwed or otherwise fitted the tubular stem of a faucet, as described in the patent granted to me on the 7th day of December, 1875.

The above-described demijohn is well adapted for containing limited quantities of malt-liquor for family use, for it is comparatively light and is capable of withstanding the rough usage to which such vessels are subjected during transportation.

I claim as my invention—

The within-described demijohn, composed partly of a wooden barrel and partly of a metal top and neck, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DAVID H. SHOURDS.

Witnesses:

HARRY HOWSON, Jr.,

HARRY SMITH.