

R. Rosochacki ,

Fitching Casks.

No. 101,166.

Patented Mar. 22, 1870.

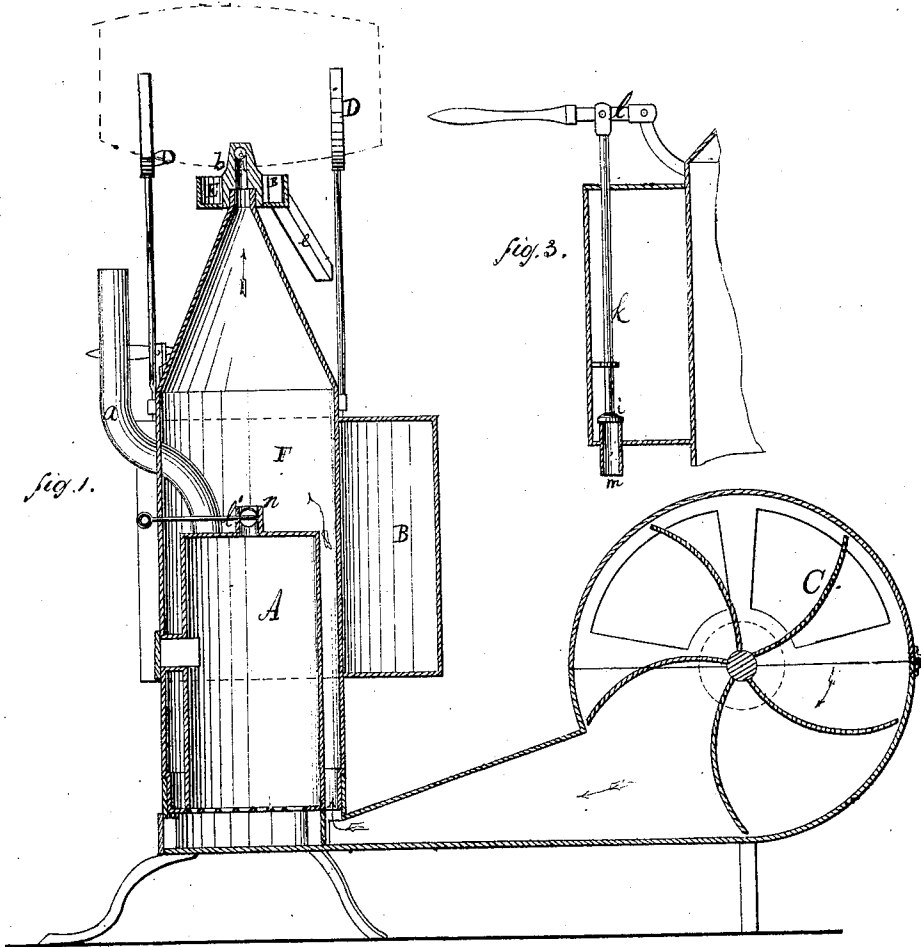


fig. 3.

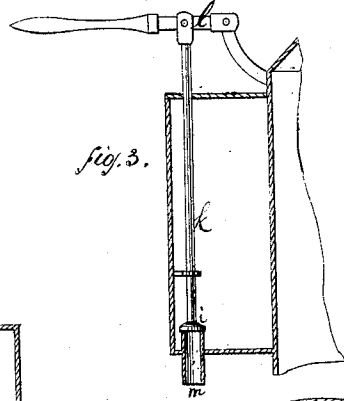


fig. 1.

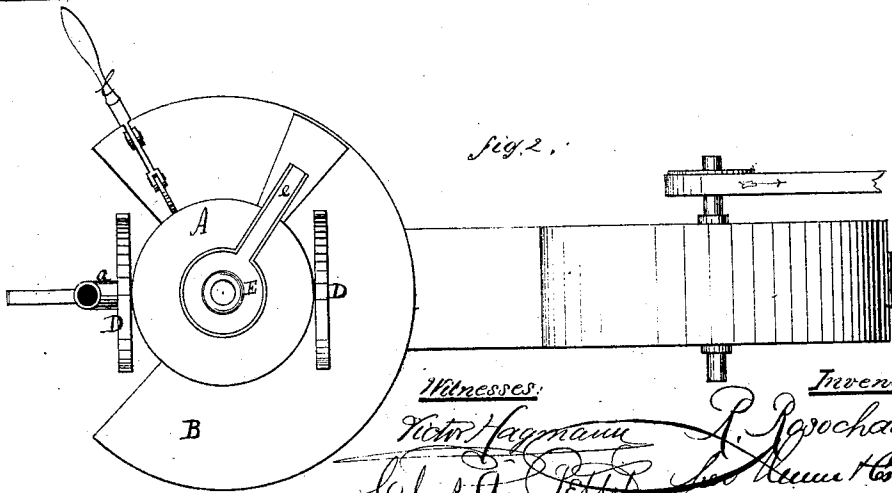


fig. 2.

Witnesses:

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RICHARD ROSOCHACKI, OF CLEVELAND, OHIO

Letters Patent No. 101,166, dated March 22, 1870.

IMPROVEMENT IN APPARATUS FOR PITCHING BARRELS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, RICHARD ROSOCHACKI, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and improved Apparatus for Pitching Barrels; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 is a longitudinal vertical section;

Figure 2, a plan view; and

Figure 3, a detached sectional elevation of the plug, rod, and lever.

This invention has for its object to remove from beer-barrels the pitch lining which is usually added to them for purposes of tightness, when such lining becomes inoperative through age, in order to replace it with fresh lining.

The invention consists in an apparatus for conducting a blast of air, heated by the furnace used for melting fresh pitch, and also for conducting the products of combustion of such furnace, when desired, into the barrel, in order that it may melt the old lining, and for catching the melted old pitch as it runs out of the barrel, and conducting it to the tank containing the fresh pitch, and for holding the barrel in a position convenient for the performance of these operations.

In the drawings—

A is a cylindrical furnace inclosed within an outer casing, F.

B is an annular tank surrounding the casing F except at the front, and used for melting pitch.

C is a fan for blowing air past the furnace up through the casing F.

a is a flue for conducting off products of combustion from the furnace.

D D are holders for sustaining the barrel in position above the furnace.

b is a nozzle opening out of the top of the furnace, and intended to be introduced into the bung-hole of the barrel when the latter is placed in the holder, for the purpose of conducting the blast from the fan

heated by the furnace, into the barrel, and melting the old pitch lining thereof.

E is a channel surrounding the nozzle, and having for its function to catch the melted pitch as it runs out of the barrel.

From the channel, the pitch flows through the spout e into the tank B.

A damper, l', is fitted to an orifice, n, in the top of the furnaces.

When a beer-barrel is in the holders, the orifice n is kept closed to prevent the products of combustion from the furnace from passing into the barrel and communicating an unpleasant taste to the beer. But when a barrel for coal-oil or other material not edible or portable is on the holders, the orifice n may be opened so as to get the benefits of the products of combustion in melting the lining of the barrel in addition to the hot air.

The old lining having been entirely removed in this manner, the barrel is taken from the holders, and held under the nozzle m of the tank, whence it receives as much fresh pitch as may be necessary to thoroughly coat it.

The nozzle m is furnished with a stopple, i, worked by a vertical rod, k, and lever l, the latter being above the tank.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination with the furnace and casing of the holders, nozzle b and channel, in the manner described, and for the purpose of removing the pitch linings of beer barrels.

2. The combination of the casing F, pipe b, channel E, and spout e, in the manner described, and for the purpose set forth.

3. The combination of the tank B with the casing F and furnace A, substantially as described.

Witnesses: RICHARD ROSOCHACKI.

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