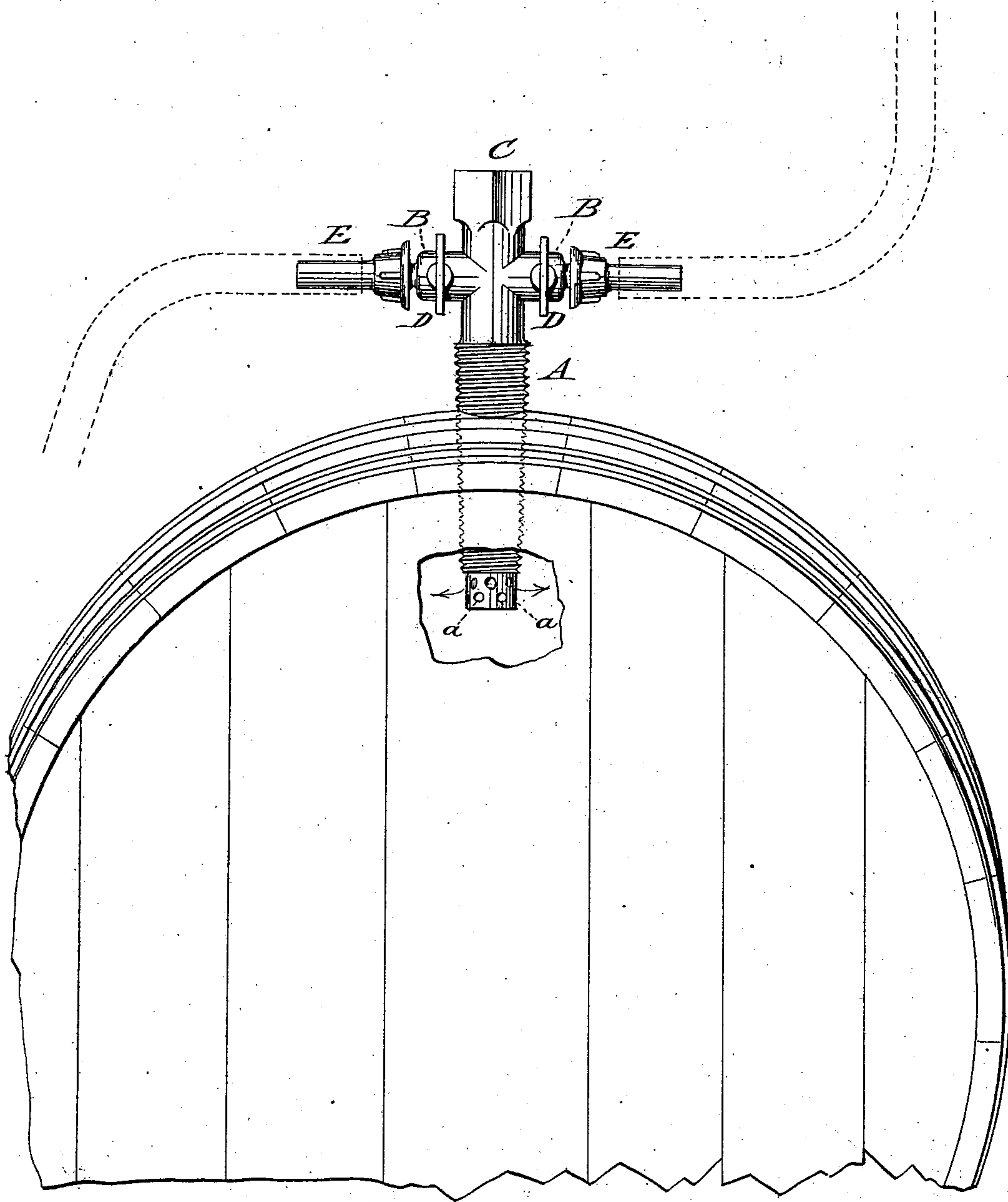


P. KRUG.

Two-way Cock for Beer and other Casks.

No. 227,797.

Patented May 18, 1880.



WITNESSES:

Carl Karp
Otto Busch

INVENTOR

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UNITED STATES PATENT OFFICE.

PHILIPP KRUG, OF NEW YORK, N. Y.

TWO-WAY COCK FOR BEER AND OTHER CASKS.

SPECIFICATION forming part of Letters Patent No. 227,797, dated May 18, 1880.

Application filed February 9, 1880.

To all whom it may concern :

Be it known that I, PHILIPP KRUG, of the city, county, and State of New York, have invented certain new and useful Improvements in Two-Way Cocks for Beer and other Casks, of which the following is a specification.

The accompanying drawing represents a side elevation of my improved two-way cock shown in position for use in a cask.

10 This invention relates to an improved two-way cock for beer-casks in which the contents are kept under pressure of carbonic-acid gas, the cock being also designed to facilitate the drawing off of the contents without requiring
15 the detaching of the carbonic-acid-gas conducting hose or pipe.

The invention consists of a central exteriorly-threaded barrel provided with two side tubes, stop-cocks, and hose-couplings. A
20 square head is arranged centrally above the barrel. The lower end of the barrel has side perforations for the exit of the carbonic acid or entrance of the air.

Referring to the drawing, A represents an
25 entirely-threaded barrel, which is cast in one piece, with two side extensions or tubes, B, and a solid head, C, vertically above the barrel. Each of the side tubes, B, is provided with a stop-cock, D, and with detachable couplings
30 or sleeves E E, for the hose-connection with the carbonic-acid-pressure apparatus and with the air-compressor.

The sleeves E E are screwed on the threaded ends of the side tubes, and kept tightly thereon
35 by interior rubber washers. The barrel A is screwed into the bung-hole of the cask or removed therefrom by applying a wrench to the square head of the same. The barrel is closed at the bottom, but provided with holes *a a* at
40 the sides, through which the carbonic-acid gas passes off, to be conducted by the hose or pipe attached to one side tube to the pressure-regulator, by which the proper pressure of carbonic-acid gas is kept up in the cask. When
45 the contents of the cask are to be drawn off the air-conducting hose is placed on the other side tube and the stop-cock of the same opened, while the stop-cock of the carbonic-acid conducting pipe or hose is closed. The contents

of the cask are drawn off by the pressure of 50 the air thereon, either into smaller kegs or into another cask, as the case may be. The compressed air enters into the cask through the side holes, which divide the current and prevent the same from impinging on the surface of the contents and agitating the same, which is objectionable. 55

Whenever the contents of the cask have to be placed again under the pressure of the carbonic-acid gas the air-cock is closed and the
60 gas-cock opened, the connection of the cask either with the air-compressor or carbonic-acid-pressure regulator being thus instantly accomplished and without requiring the disconnection of the carbonic-acid-gas conducting
65 hose or pipe.

My improved two-way cock saves thereby time and simplifies the connections of the cask with the pressure-regulator and air-supply pump. 70

I am aware that two-way cocks with regulating devices are well known, also faucets with closed bottoms and side holes, and I do not specifically claim such an arrangement, as the essential feature of my invention is a two-
75 way cock having a threaded barrel, with side holes near the closed bottom and a solid head, and two side tubes with stop-cocks and hose-couplings.

Having thus described my invention, I claim 80 as new and desire to secure by Letters Patent—

A two-way cock for beer and other casks, consisting of an exteriorly-threaded barrel, A, closed at the bottom and provided with side
85 holes, of side tubes, B, having stop-cocks and hose-couplings, and of a square solid head, C, vertically above the barrel, substantially as set forth.

In testimony that I claim the foregoing as 90 my invention I have signed my name in presence of two witnesses this 5th day of February, 1880.

PHILIPP KRUG.

Witnesses:

PAUL GOEPEL,
CARL KARP.