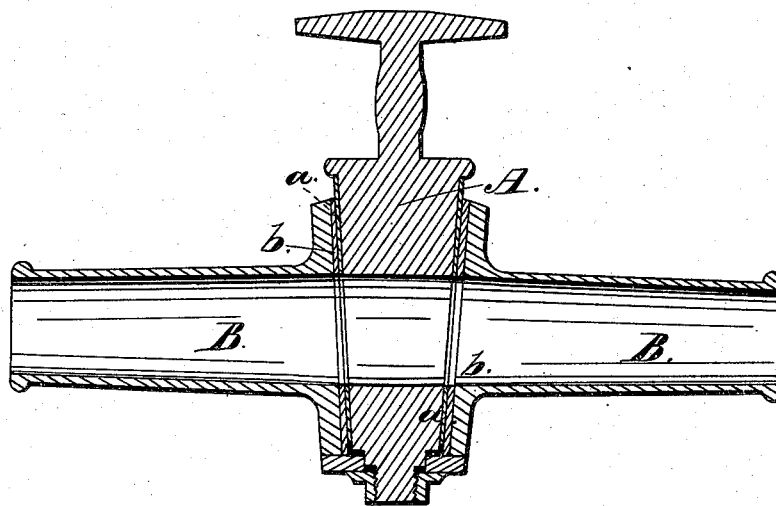


*C. A. Creasey,*

*Cock.*

*Nº 2589.*

*Patented Apr. 29, 1842.*



# UNITED STATES PATENT OFFICE.

CHARLES A. CREASEY, OF PHILADELPHIA, PENNSYLVANIA.

## MANUFACTURE OF COCKS.

Specification of Letters Patent No. 2,589, dated April 29, 1842.

*To all whom it may concern:*

Be it known that I, CHARLES A. CREASEY, of the city of Philadelphia, in the State of Pennsylvania, have invented an Improved  
5 Manner of Manufacturing Cocks for Drawing Liquids; and I do hereby declare that the following is a full and exact description thereof.

My new manufacture of cocks for drawing liquids consists in making them in part  
10 of cast iron, and in part of brass, or other compound of the nature of brass; which metals are so combined together as that the working part of the cock, or that part which  
15 is subjected to friction and wear, is made of brass, or of some metallic compound analogous thereto, and adapted to the purpose, while the great body of the cock consists of cast iron, which, from its cheapness,  
20 admits of the manufacturing of cocks, and particularly those of a large size, at a price considerably below that at which they can be rendered when made in the usual way.

In manufacturing them I proceed in the following manner. I cast the body and the  
25 key, or plug, of the cock in the usual manner, but of cast iron, instead of casting it, or other analogous compound usually known under the name of cock-metal. I bore, or rim, out the socket part of the cock, and prepare a ferrule, or other analogous metal of the diameter and taper, which I solder

into the socket so rimmed out. I also turn that part of the key, or plug, which is to  
35 fit into the socket and adapt thereto a ferrule, which when soldered in place can be ground into the socket and secured in the ordinary manner. Said ferrules must, of course, be perforated so as to correspond  
40 with the way, or passage, through the body of the cock.

In the accompanying drawing, which represents a section through the middle of the  
45 cock, A, is the key, or plug, of the cock, the handle part and interior being of cast iron, and the plug being covered with a ferrule of brass, as shown at *a, a*.

B, is the body of the cock, the socket of which is lined with a similar ferrule, as  
50 shown at *b, b*.

What I claim as a new manufacture in the above described cock, is—

The making it in part of cast iron and in part of brass, in the manner set forth; that  
55 is to say, by casting the body, and also the key, or plug, of iron, and then lining the socket, and covering the conical part of the key with ferrules of brass, or of some analogous metal, as herein fully set forth and  
60 made known.

C. A. CREASEY.

Witnesses:

PETER HAY,  
R. BERRIMAN.