G. S. JACOBS.

LOCK FOR FLUID COCKS.

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963,226.

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Fig. 1.

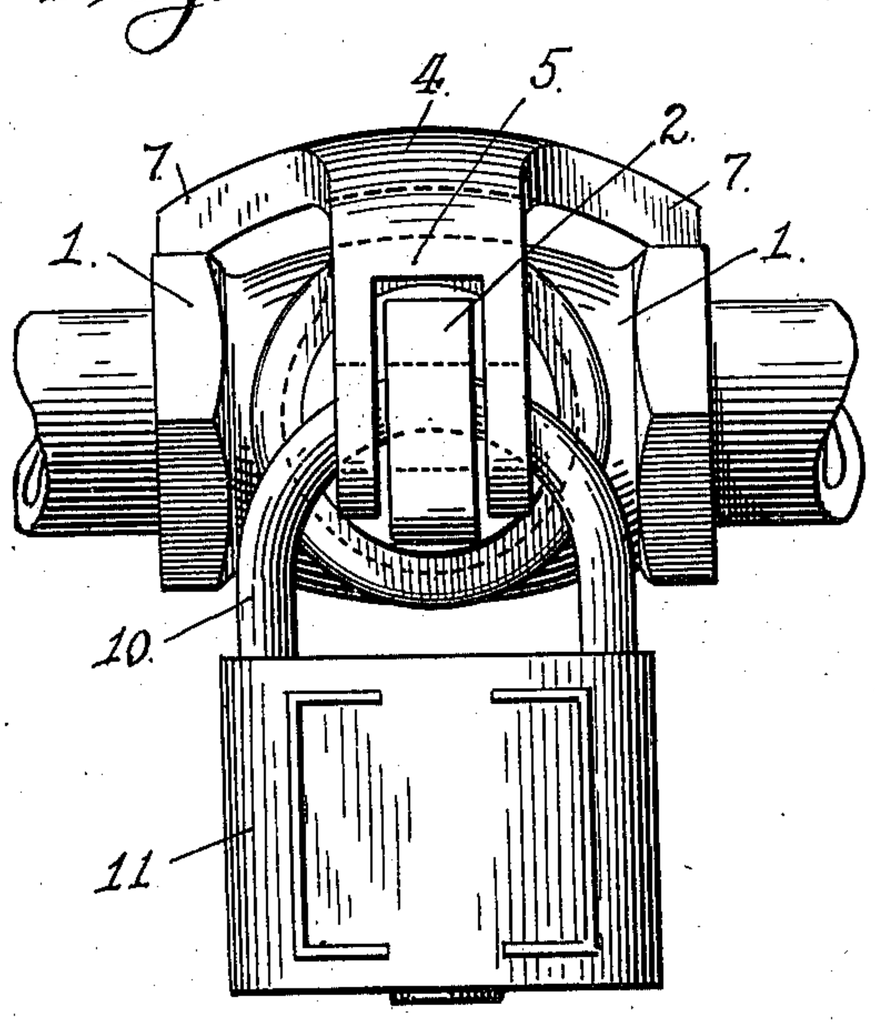


Fig. 2.

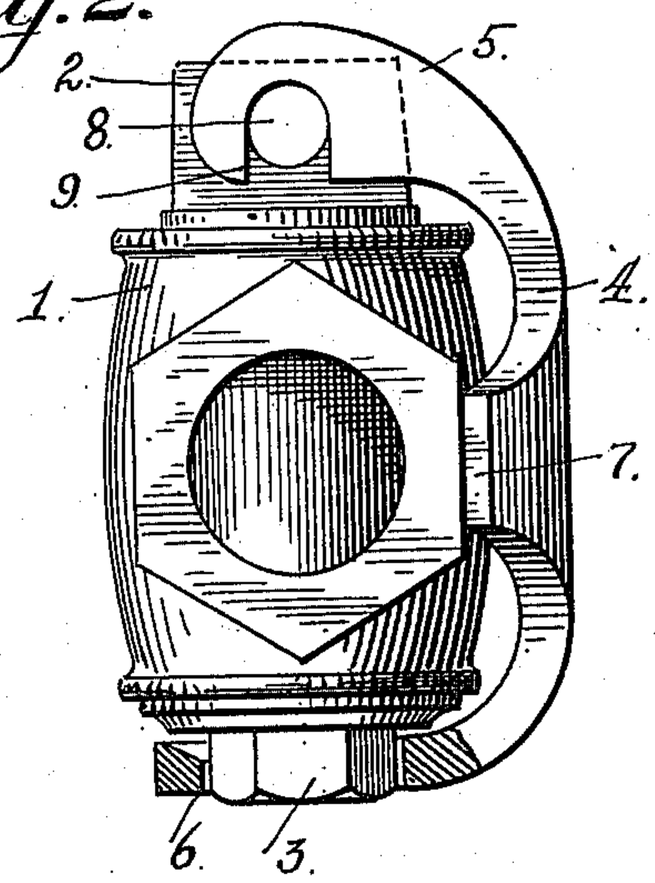


Fig. 4.

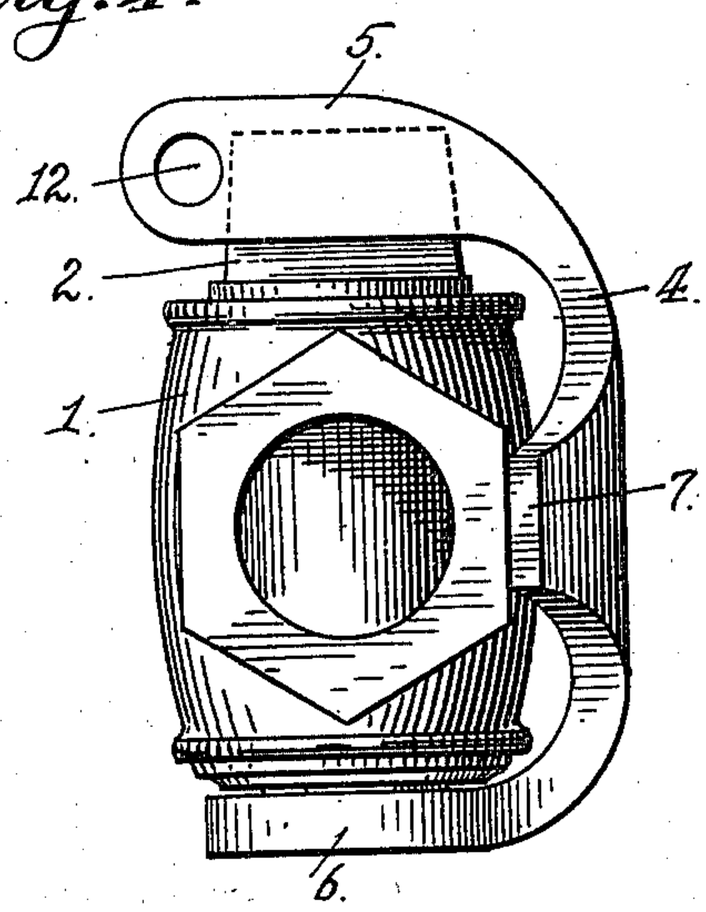
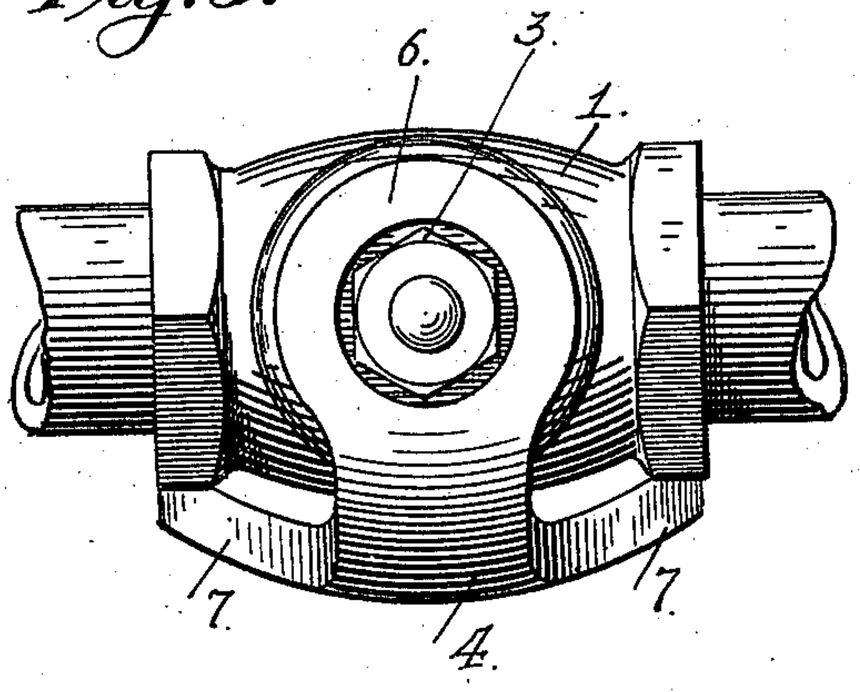


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

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LOCK FOR FLUID-COCKS.

963,226. Specification of Letters Patent. Patented July 5, 1910.

Application filed March 2, 1910. Serial No. 546,784.

To all whom it may concern:

Be it known that I, GASKELL S. JACOBS, a citizen of the United States, residing at Berkeley, in the county of Alameda and State of California, have invented certain new and useful Improvements in Locks for Fluid-Cocks, of which the following is a specification.

My invention relates to the class of devices for locking fluid-plugs to prevent their unauthorized use, and is especially intended for use in connection with water service-cocks. It is the practice in such cases, when, for any reason the water is to be shut off, for those in authority to attach and lock to the cock some kind of housing or shell which will prevent its use. As these cocks are usually in the ground, and more or less difficult of access, it becomes important that the device used to lock them against operation, shall be of a character easily applied and yet effective.

It is the object of my invention to provide a simple and inexpensive locking device, capable of being easily applied and effective in its results, and to this end my invention consists in the novel locking bracket which I shall now fully describe by reference to the accompanying drawings in which—

Figure 1 is a top view showing the application of my locking bracket to the cock. Fig. 2 is a side view of the same, the padlock being removed. Fig. 3 is a bottom view of the same. Fig. 4 is a side view showing a slight modification in the head of the locking bracket.

1 is a fluid-cock, here shown as of a usual type of water service-cock.

2 is the head of the valve-plug of the cock, and 3 is its foot-nut.

4 is the locking bracket. It consists of a piece embodying in its structure a slotted head 5, an annular or socketed foot 6, and median side wings 7. The bracket 4 is dished or concaved to conform to and fit one side of the cock 1, and when in position, the slotted head 5 fits over the head 2 of the valve-plug, the socketed foot 6 encircles the foot-nut 3 of the valve-plug, and the side wings 7 bear on the side connections of the cock. In the valve-plug head is made a hole 8, and registering with this hole are the notches 9 in the under side of the head of the locking-bracket 4. The bolt 10 of the lock 11, passes through these alined notches and hole. When thus locked, the bracket cannot be moved up because of its foot; nor can it be moved down because of its head; nor, finally, can it be turned sidewise, because of its side wings. It cannot be unlawfully or unauthorizedly removed because of the lock 11. The valve-plug cannot be turned because of the bracket head, nor can the foot-nut of the plug be turned off, which might permit the plug to be forced up, because it is encircled and protected by the socketed foot of the bracket.

In some cases, as where, the head of the valve-plug is not apertured, I modify the bracket, as shown in Fig. 4, by carrying its slotted head forward and providing it with a hole 12, which is to receive the bolt of the lock just beyond the head of the valve-plug. This arrangement effectually locks the bracket to the head of the valve plug without changing its full function, as before described.

The device is simple, inexpensive and is easily applied.

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

1. A lock for a fluid-cock consisting of a bracket to be applied to one side of the cock, said bracket having a foot to bear under the cock, a head to bear over said cock and to engage the head of the cock valve-plug, and side wings to bear on the sides of the cock, the head of said bracket having means to receive a fastening to lock it to the cock.

2. A lock for a fluid-cock consisting of a bracket to be applied to one side of the cock, said bracket having a socketed foot to bear under the cock and encircle the foot-nut of the valve-plug of said cock, the bracket having also a head to bear over said cock and engage the head of the cock valve-plug, and side wings to bear on the sides of the cock, the head of said bracket having means to receive a fastening to lock it to the cock.

3. A lock for a fluid-cock consisting of a bracket to be applied to one side of the cock, said bracket having a foot to bear under the cock, a slotted head to bear over the cock and fit on each side of the head of the cock valve-plug, and side wings to bear on the sides of the cock, the head of said bracket having means to receive a fastening to lock it to the head of the valve-plug.

4. A lock for a fluid-cock consisting of a bracket to be applied to one side of the cock, said bracket having a socketed foot to bear under the cock and encircle the foot-nut of

the valve-plug of said cock, the bracket having also a slotted head to bear over the cock and fit on each side of the head of the cock valve-plug, and side wings to bear on the sides of the cock, the head of said bracket having means to receive a fastening to lock it to the head of the valve-plug.

5. In combination with a fluid-cock having a valve-plug provided with a head, a bracket to be applied to one side of the cock said bracket having a foot bearing under the cock, a slotted head bearing over the cock and fitting on each side of the head of the plug-valve, and side wings bearing on the sides of the cock, the head of said bracket having means to receive a fastening to lock it to the valve-plug head.

6. In combination with a fluid-cock having a valve-plug provided with a head and a foot-nut, a bracket to be applied to one side of the cock, said bracket having a socketed foot bearing under the cock and encircling the foot-nut of the valve plug, the bracket having also a head to bear over said cock and engage the head of the valve-plug, and side wings to bear on the sides of the cock, the head of said bracket having means to receive a fastening to lock it to said valve-plug head.

7. In combination with a fluid-cock having a valve-plug provided with a head and a foot-nut, a bracket to be applied to one side of the cock, said bracket having a socketed foot bearing under the cock and encircling the foot-nut of the valve plug, the bracket having also a slotted head bearing over the cock and fitting on each side of the head of the plug-valve, and side wings bearing on the sides of the cock, the head of said bracket having means to receive a fastening to lock it to the valve-plug head.

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

GASKELL S. JACOBS.

Witnesses:
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