

J. A. COLE.
TAG FOR WATER PIPE VALVES.
APPLICATION FILED JUNE 24, 1909.

1,061,730.

Patented May 13, 1913.

Fig. 1.

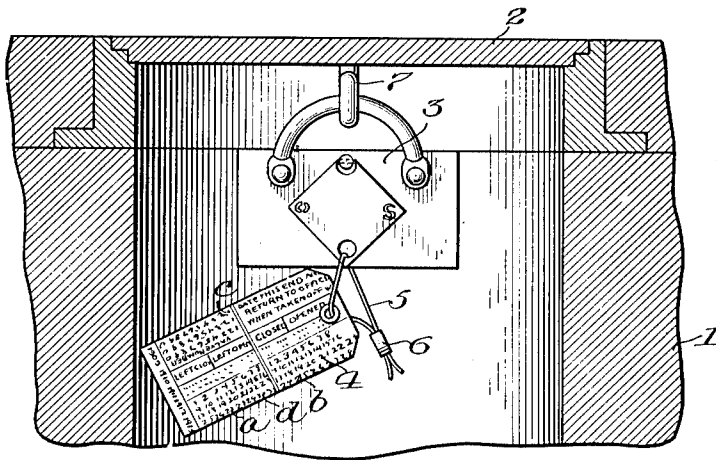


Fig. 2.

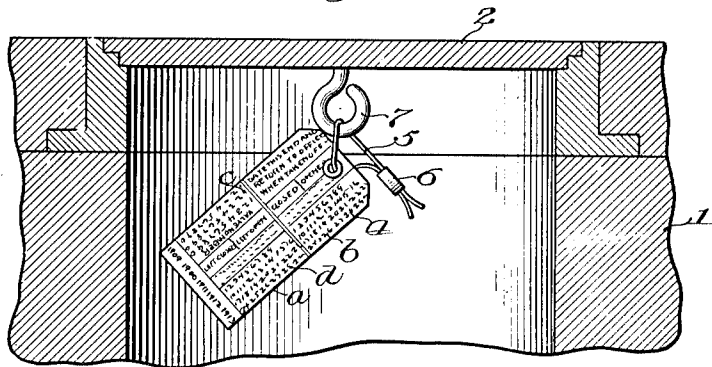


Fig. 3.

6061 0161 1161 2161 3161	0687954321	} VALVE NUMBER	DATE THIS END AND RETURN TO OFFICE WHEN TAKEN OFF VALVE	
	0687954321			
	0687954321			
	0687954321			
	LEFT CLOSED	LEFT OPEN	CLOSED	OPENED
	Jan. Feb. Mch. Apl. May Jun.	Jan. Feb. Mch. Apl. May Jun.		
	Jul. Aug. Sep. Oct. Nov. Dec.	Jul. Aug. Sep. Oct. Nov. Dec.		
	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8		
	9 10 11 12 13 14 15 16	9 10 11 12 13 14 15 16		
	17 18 19 20 21 22 23 24	17 18 19 20 21 22 23 24		
	25 26 27 28 29 30 31	25 26 27 28 29 30 31		

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UNITED STATES PATENT OFFICE.

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TAG FOR WATER-PIPE VALVES.

1,061,730.

Specification of Letters Patent.

Patented May 13, 1913.

Application filed June 24, 1909. Serial No. 504,104.

To all whom it may concern:

Be it known that I, JOHN A. COLE, citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Tags for Water-Pipe Valves, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to devices for use in connection with valves for water and other pipes, such devices being intended to be arranged inside of the manholes or other boxes in which the valves are located.

Prominent objects of my invention are: to arrange for the easy indication of the condition of the valve; to permit this to be readily and inexpensively done; to arrange to keep a permanent record of the condition the valve has been in from time to time throughout a given period, such as each week, month or year, or longer, as the case may be, and to accomplish the foregoing and other desirable results in a simple and expeditious manner.

In carrying out my invention in the way herein set forth, I provide a tag, which is to be hung in the manhole box, either by attachment to the manhole box or its cover, either directly or indirectly. This tag has provisions for indicating the valve number, and also for indicating the condition in which the valve was left at the time it was last changed or manipulated. The tag also desirably has provisions for indicating the date when the tag is removed from the manhole box and returned to the office of the company, and the condition of the valve at such time. In this way, the tag is first hung in the box and the valve number and condition of the valve indicated upon the tag. The valve remains in that condition for a certain period of time until, for some reason or other, it is changed,—either opened or closed, as the case may be. At this time, the change made in the condition of the valve is indicated on the tag, and also the date of such change, and the tag is removed from the box and taken to the office and deposited there. Thus the tag, when in the box, shows the condition of the valve, whether open or closed, and the time when it was put in that condition, and when removed from the box and deposited in the office it gives a record of the condition of that valve for the period

of time covered by the tag. When the tag is removed, of course another one is placed in the box with the proper indication.

As a preferred arrangement, the tag is provided with series or sets of numbers, which can be punched to indicate the valve number, and also suitable words to indicate the valve's condition, and also suitable names of months and numbers, which can be punched to indicate the day of the month and year on which the valve was put in condition, and on which it was changed and removed from the valve box.

In the accompanying drawing: Figure 1 is a view of a valve box containing a tag embodying my invention. Fig. 2 is a similar view of a modified use of the tag, and Fig. 3 is a view of the tag itself.

In Fig. 1, I show a manhole box 1, having a cover 2, from which is hung a plate 3, which is preferably a reversible valve-indicating device, such as is shown in my application for patent, Serial No. 454,649, filed September 24, 1908. Upon the device 3 is hung a tag 4, as, for example, by a wire 5 having a seal 6. The tag 4 is conveniently made of paper or cloth, as desired, and is provided with two parts, *a* and *b*. The part *a* has a series of numerals *c*, which, in proper combination, can be punched to indicate the number of the valve. It also has the words "Left closed" and "Left open", either one of which can be punched to indicate the condition in which the valve was left. It also has the months of the year and a series of numerals *d*, from "1" to "31", inclusive, one of which can be punched to indicate the day of the month. It also has at the left hand end a series of numbers indicating calendar years. The other part, *d*, of the tag has the instructions: "Date this end and return to office when taken off valve." It also has the words "Closed" and "Opened", the months of the year, and a series of numerals to indicate the day of the month. The tag, when first put upon the valve, is to have its left-hand portion or end *a* properly punched to indicate the valve number, the condition in which the valve was left, and the day of the month and year when it was left in such condition. When the valve has its condition changed, the right-hand end or portion *d* is to be punched to indicate the change which was made and the day and month when such change was made. When the tag is in the manhole, an inspection of it will at once in-

dicating the condition of the valve and when it was put in that condition. The tag being properly punched and removed to indicate the date and change made in the valve condition, and then taken to the proper place and filed, obviously makes a record of the history of the valve.

In Fig. 2, the tag is shown attached directly to a staple or the bolt 7 in the manhole cover.

The use of the tag in connection with the device of my said other application, obtains the advantages of the other device as well as those of the tag, and at the same time assures the number of the valve being always present and visible, so as readily to identify the valve.

What I claim is:

A device for use in indicating an initial condition and a subsequently changed condition in valves comprising a tag separated facially into two divisions and provided with

a means of attachment, both divisions having permanent characters to be used in indicating relatively different dates, one of said divisions also having permanent characters by which to indicate the valve number and a permanent checkable initial condition record which also indicates that such division is to be first used, as "Left open", and the other of said divisions also having a permanent checkable changed condition record as "Closed", the body of the tag having its integrity preserved throughout both divisions so that the said divisions are inseparably connected and the complete tag constitutes a permanent entity.

In witness whereof, I hereunto subscribe my name this 19th day of June A. D. 1909.

JOHN A. COLE.

Witnesses:

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JEAN ELLIOTT.