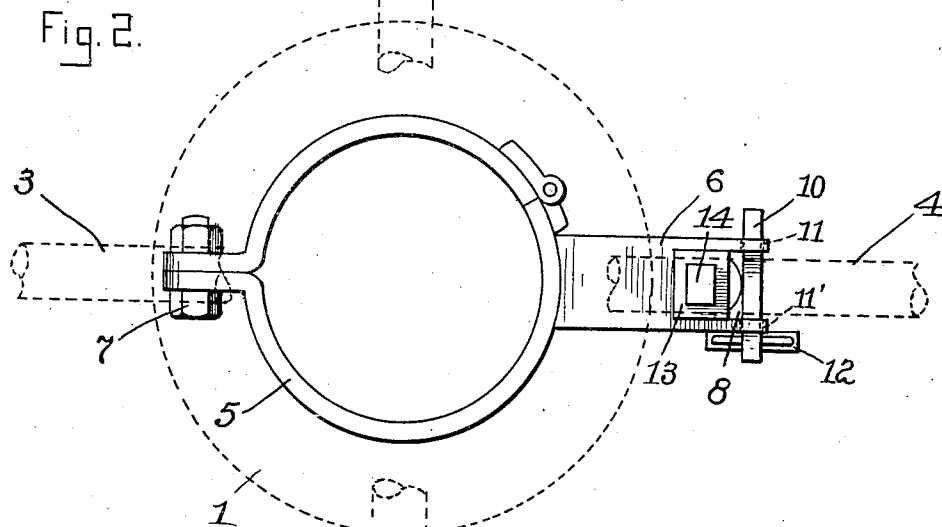
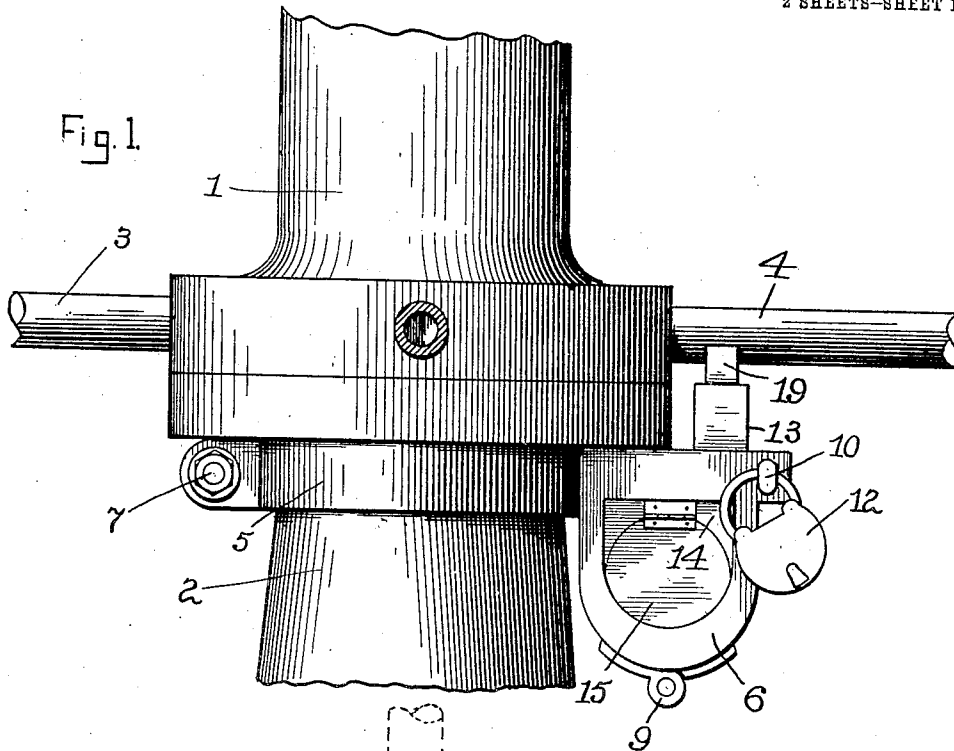


1,030,068.

2 SHEETS--SHEET 1.



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J. C. EWING.
 REGISTERING DEVICE FOR TURNSTILES.
 APPLICATION FILED JULY 27, 1911.

1,030,068.

Patented June 18, 1912.

2 SHEETS-SHEET 2.

Fig. 3.

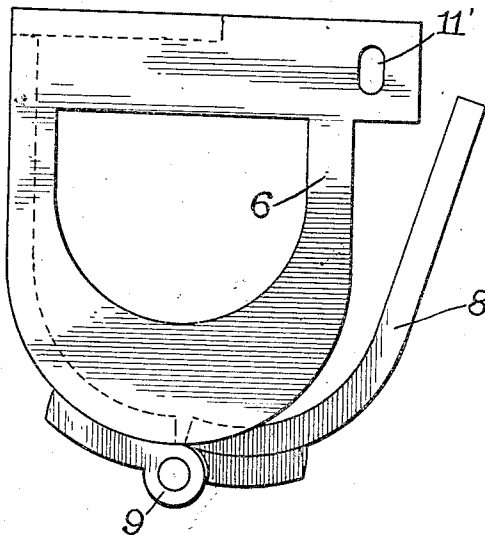


Fig. 4.

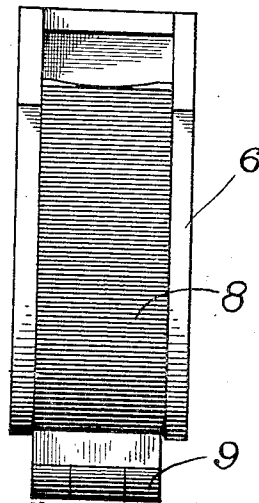


Fig. 5.

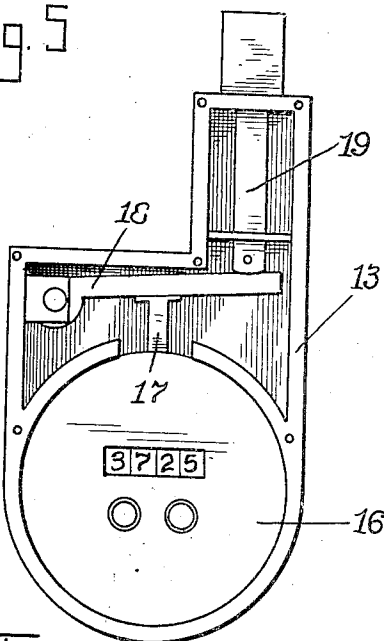
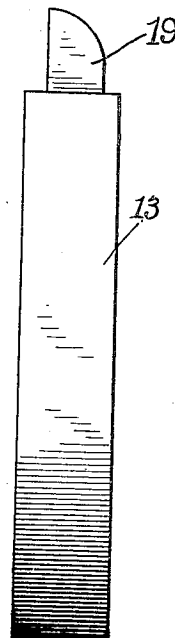


Fig. 6.



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UNITED STATES PATENT OFFICE.

JAMES CARROLL EWING, OF SAN FRANCISCO, CALIFORNIA.

REGISTERING DEVICE FOR TURNSTILES.

1,030,068.

Specification of Letters Patent.

Patented June 18, 1912.

Application filed July 27, 1911. Serial No. 640,954.

To all whom it may concern:

Be it known that I, JAMES CARROLL EWING, a citizen of the United States, residing at San Francisco, county of San Francisco, State of California, have invented certain new and useful Improvements in Registering Devices for Turnstiles, of which the following is a specification.

My invention relates to a registering device for turnstiles and its object is to provide a means for counting the number of people passing through a turnstile, thereby showing the exact number of admissions and rendering it impossible to falsify the returns.

I have illustrated my device in the accompanying drawings, in which:—

Figure 1, is a broken section of the stile showing pocket attached with register in place. Fig. 2, is a plan view of the stile showing manner of clamping register pocket in place. Fig. 3, is a front view of the pocket. Fig. 4, is a side view of the pocket. Fig. 5, is a view of the register pocket with the front plate off, showing the register in place. Fig. 6, is a side view of the register.

1 is a turnstile head mounted upon a suitable pedestal 2, and 3 and 4 are arms of the turnstile which separate the persons entering the inclosure.

5 is a clamp to which the register pocket 6 is attached.

7 is a stud bolt by means of which clamp 5 is secured to the pedestal 2.

8 is a trap secured to the pocket 6 by a hinge 9, and 10 is a key for the trap 8 and passes through holes 11, 11' in the register pocket 6.

12 is a padlock securing trap key 10 in place.

13 is the register case and 14 is the face plate (Fig. 1) of the register case.

15 is a hinged door secured to face plate 14.

16 is a register secured in the register case 13 and 17 is a push pin.

18 is a hinged lever secured in the register case 13 and 19 is a curved head plunger operating in said register case.

The operation of my device is as follows: The pocket of the registering device is attached by means of the clamp 5 and stud bolt 7 to the pedestal of the turnstile, under-

neath the revolving head and arms of the same. Its position is such that the revolving head of the turnstile 1, with its arms, in its revolution causes said arms to come in contact with the curved head of the plunger 19, operating in the register case 13. This contact causes the plunger to be depressed, and, acting upon the hinged lever 18, drives the push pin 17 in the register, thus causing the numbers to be turned up on the dial of the register. These numbers show the number of times contact has been made between the arms of the turnstile head and the curved headed plunger in the register case, and as it requires the passage of a person between the arms and through the stile to operate the plunger, it is readily seen that this passage must be duly registered.

The trap 8 holds the register case in the pocket, being hinged and fastened by the key 10 which passes through holes 11, 11' and is then locked by any suitable device, such as a padlock. It will be easily seen that by removing this lock and the key 10, the register case can be removed without disturbing the clamp and pocket which are fastened to the pedestal of the turnstile, thus facilitating the counting of the returns and also enabling an easy transference of the register case alone from one turnstile to another.

I do not claim any particular style of register or numbering device. The hinged door 15 (Fig. 1) enables me to insert any desired form of register and also to reset the dials of same.

I do not limit myself to this particular form of construction but wish to avail myself of any modifications within the limit of my invention.

It will be understood from the above description that the case shown in Figs. 5 and 6 together with the plunger 19 and the registering device are adapted to fit removably in the pocket 6 which is attached to the turnstile.

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

In combination with a turnstile having a rotatable head and radial arms, of a hinged clamp encircling the turnstile and secured thereto beneath said head by means of nut

and bolt; a register case having a pocket
recess for holding the register, a hinged
trap at one side and means for fastening
same, a hinged door in the front plate and
5 a hinged lever so secured in the register case
as to be in contact with a curved head plun-
ger, which is operated by the arms of the
turnstile and also rest upon a push pin of

the register as and for the purpose speci-
fied.

In testimony whereof, I affix my signa-
ture in presence of two witnesses.

JAMES CARROLL EWING.

Witnesses:

M. R. SEELY,

WILLIS GRANT MURRAY.