

(No Model.)

H. W. LIBBEY.  
CONDUCTOR'S REGISTERING TRIP SLIP.

No. 492,764.

Patented Feb. 28, 1893.

Fig. 1.

Fig. 2.

S. A. 1891  
Nº 10565

1	S. A. 1891 Nº 10565 Register Coupon	Nº 13
2	S. A. 1891 Nº 10565 Register Coupon	Nº 14
3	S. A. 1891 Nº 10565 Register Coupon	Nº 15
4	S. A. 1891 Nº 10565 Register Coupon	Nº 16
5	S. A. 1891 Nº 10565 Register Coupon	Nº 17
Nº 6	S. A. 1891 Nº 10565 Register Coupon	Nº 18
Nº 7	S. A. 1891 Nº 10565 Register Coupon	Nº 19
Nº 8	S. A. 1891 Nº 10565 Register Coupon	Nº 20
Nº 9	S. A. 1891 Nº 10565 Register Coupon	Nº 21
Nº 10	S. A. 1891 Nº 10565 Register Coupon	Nº 22
Nº 11	S. A. 1891 Nº 10565 Register Coupon	Nº 23
Nº 12	S. A. 1891 Nº 10565 Register Coupon	Nº 24

Witnesses. C

Winifred G. Kewin  
John J. Morre.

Fig. 3.

S. A. 1891  
Nº 10565  
Register Coupon

Nº 4

A

Name of Conductor

Date

Nº of Fares

Trip Nº

Inventor.

Hosea W. Libbey  
by Edwin Blanta.  
Attorney.



# UNITED STATES PATENT OFFICE.

HOSEA W. LIBBEY, OF BOSTON, MASSACHUSETTS.

## CONDUCTOR'S REGISTERING TRIP-SLIP.

SPECIFICATION forming part of Letters Patent No. 492,764, dated February 28, 1893.

Application filed April 13, 1891. Serial No. 388,697. (No model.)

### *To all whom it may concern:*

Be it known that I, HOSEA W. LIBBEY, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Conductors' Trip-Slips, of which the following, taken in connection with the accompanying drawings, is a specification.

The object of my invention is to produce a trip slip for street car and other conductors, that will accurately indicate the number of passengers carried, and the invention consists of a strip of card board or other suitable material having suitable divisions and numbers printed thereon, and a series of coupons attached thereto, and an explosive compound interposed between each coupon and the card board, so that when a coupon is detached an alarm will be sounded as hereinafter fully described and pointed out in the claims.

Referring to the accompanying drawings: Figure 1—represents a front view of a slip embodying my invention, and showing some of the coupons detached. Fig. 2—is a view of the back of the same. Fig. 3—is a view of one of the coupons detached.

A, represents a strip of card board or other suitable material, having printed thereon on one side a central line *a*, and a series of cross lines *b*, the spaces thus divided are numbered from 1 upward, and at the top of the strip is printed a sign to indicate the series, the year and the number of the register. To this strip of card board A, is attached a number of coupons B, each bearing corresponding signs and numbers to that at the top of the strip A, and the coupons are also consecutively numbered, and a corresponding number is printed on the card board A, in the division formed by the lines *a*, *b*, so that when a coupon is detached the corresponding number of the coupon will be exposed on the card board.

The outer ends of the coupons B, project beyond the edge of the card board A, so that they can be taken hold of by the thumb and finger. A small piece of fulminating compound C, (shown in dotted lines) is inserted between each coupon B, and the card board A, and the coupons are attached to the card

board by means of a strip of thin paper D, so that they can be readily detached by pulling the projecting end of coupon when the thin paper will give way. I prefer to print the amount of the fare upon the strip of thin paper so that when a coupon is detached the amount of fare will be upon the paper that adheres to the coupon.

The conductor is supplied with one or more of the slips before he starts on his trip and when he is paid a fare he detaches one of the coupons B, by pulling on its outer edge, and as it is detached the fulminating compound explodes, thus giving notice to all in the car that a coupon has been detached, and at the same time the register shows that a fare has been taken by causing a mark as C', to appear on the face of the strip A. The coupon is then handed to the passenger who retains it while upon the car, and thus has proof that he has paid his fare. On the back of the card board the conductor writes his name, the date the slip was used, the number of fares received and the number of trips he has made. After all the coupons have been detached the slip is returned to the proper person and it then can be filed for future reference if required.

It will be seen that by the employment of a slip of this construction it would be practically impossible for a conductor to defraud the company, while each passenger is protected, and all question of a person having paid his fare would be prevented, as each passenger would hold his coupon.

Of course the slip might be made without the employment of an explosive compound.

What I claim is—

1. A conductor's trip slip, consisting of a strip of suitable material, a number of coupons, detachably secured to the surface thereof, adjacent to each other, said coupons being arranged substantially edge to edge upon the strip, separate from each other, whereby they may be detached from the strip independently of each other, and a piece of fulminating material interposed between each coupon and the strip, substantially as set forth.

2. A conductor's trip slip consisting of a strip of card board or other suitable material and a number of coupons detachably con-



nected thereto the ends of said coupons projecting beyond the edges of said strip substantially as set forth.

3. A conductor's trip slip consisting of a  
5 strip of card board or other suitable material having a suitable sign and number at its upper end consecutive numbers on its face, coupons attached to said strip and covering said consecutive numbers and bearing a similar  
10 lar number and also a sign and number corresponding to that at the head of the strip substantially as set forth.

4. A conductor's trip slip consisting of a strip of material the face of which is pro-

vided with consecutive numbers, coupons secured thereto, a piece of fulminating material interposed between each coupon and the strip, and a strip of thin material secured to the inner ends of the coupons and to the strip,  
15 substantially as set forth.

In testimony whereof I have signed my  
20 name to this specification, in the presence of two subscribing witnesses, on this 2d day of March, A. D. 1891.

HOSEA W. LIBBEY.

Witnesses:

CHAS. STEERE,  
EDWIN PLANTA.