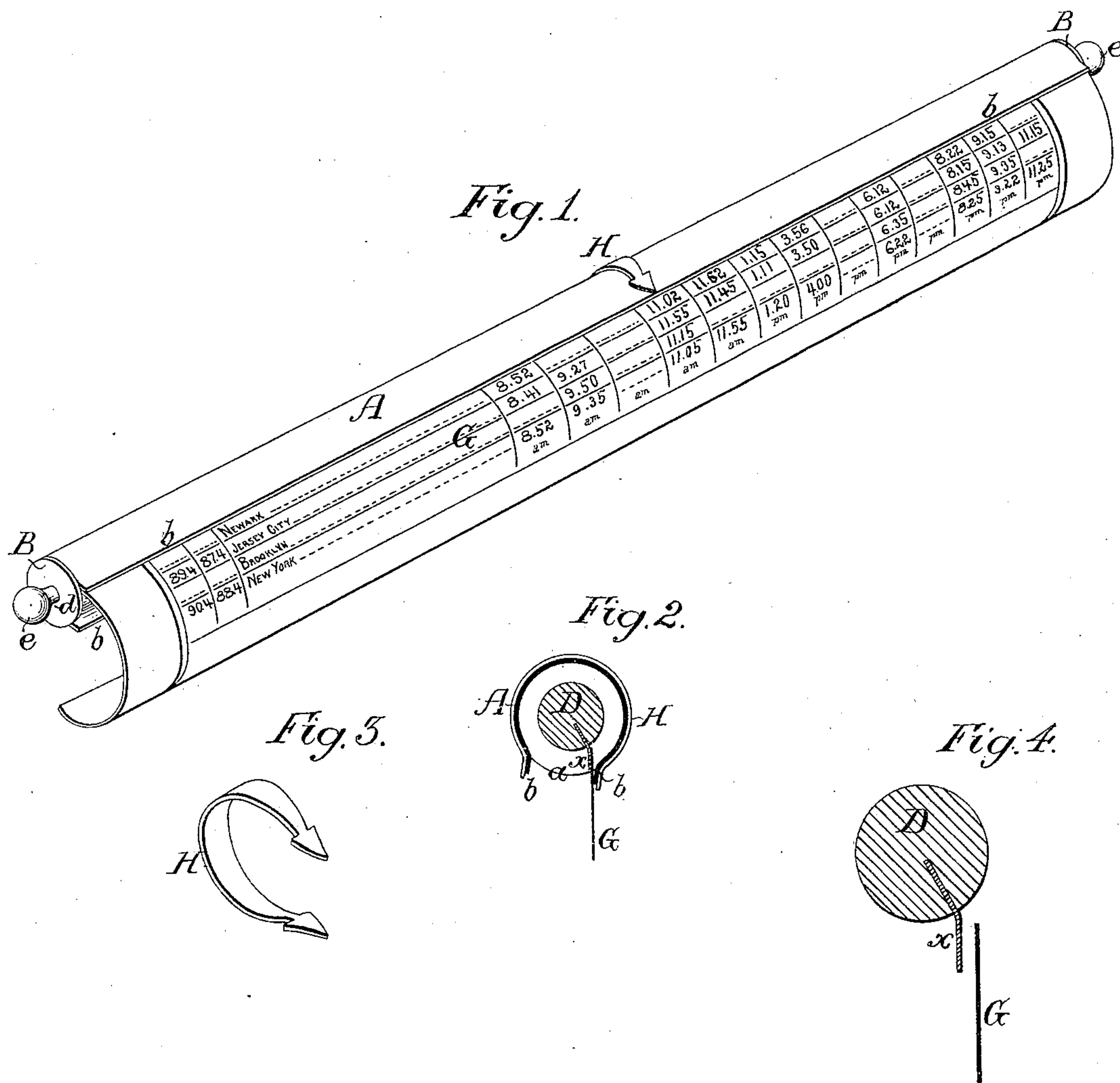


(No Model.)

J. S. SCHEIDELL.  
RAILWAY TIME INDICATOR.

No. 258,484.

Patented May 23, 1882.



Witnesses  
 & Mr. Deemer  
 Harry Smith

Inventor  
John S. Scheidell  
by his Attorneys  
Howen and Sons

# UNITED STATES PATENT OFFICE.

JOHN S. SCHEIDELL, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF  
THREE-FOURTHS TO J. THOMAS STAVELY, OF SAME PLACE.

## RAILWAY TIME-INDICATOR.

SPECIFICATION forming part of Letters Patent No. 258,484, dated May 23, 1882.

Application filed September 8, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN S. SCHEIDELL, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented a Railway Time-Indicator, of which the following is a specification.

My invention consists of an instrument, fully described hereinafter, for holding and winding up a railway time-table, and for indicating at a glance the time of arrival of any given train at different stations, thereby obviating the difficulty experienced in tracing the closely-printed figures and columns of ordinary time-tables.

In the accompanying drawings, Figure 1 is a perspective view of the time-table holder; Fig. 2, a transverse section of the same; Fig. 3, a view of the pointer, and Fig. 4 a section of the roller with strip attached thereto.

The body of the holder consists of a slotted tube, A, preferably made of thin metal, the slot *a* extending in the present instance throughout the entire length of the tube, and the metal at the opposite edges of the slot being bent to form ribs *b b*. To each end of the tube is secured a disk or plate, B, and the journals *d* at the opposite ends of a roller, D, contained within the tube, have their bearings in these disks, the projecting ends of the journals being provided with knobs *e* or other appropriate attachments, by which the roller can be conveniently turned.

The upper edge of the railway time-table *G* is secured to the roller, and can be wound up within the same by turning the knobs *e e*, the plan preferred of attaching the time-table to the roller being to first let a strip, *x*, Fig. 4, of strong paper, parchment, or other fabric not easily torn, into a longitudinal slot in the roller, glue or other adhesive material serving to make a permanent attachment, and the time-table being pasted to this strip, from which it may be removed whenever a new or altered time-table has to be attached to the said strip. Care should be taken in attaching the time-table to the roller that the edges of the ribs *b b* shall be parallel with the transverse rulings and lines of printed matter on the time-table. Thus in Fig. 1 one of the ribs is directly above and in line with the trans-

verse space devoted to figures indicating the time of arrival of trains at Newark, and the edge of the rib serves to guide the eye in perusing the figures in this space.

To render the instrument still more convenient, I adapt to the tube an adjustable pointer, H, which, being elastic, embraces the said tube tightly enough to retain the position to which it has been moved. The pointer may be directed to any one of the vertical columns. In the present instance the rib *b* and the pointer indicate the arrival of a train at Newark at 11.02. By turning the roller to a very limited extent until the upper edge of the slot is in line with the space devoted to figures indicating the arrival of trains at Jersey City, the time when the train indicated by the pointer will arrive at that city can be at once observed.

In many cases time-tables are printed on both sides of the paper. Hence it is advisable to have the duplex pointer shown in Fig. 3 and two ribs *b b*; but for time-tables printed on one side of the paper a single pointer and single rib will suffice.

The ribs are not absolutely essential, as the edges of the slot would serve as guides; but the ribs are preferable, and present edges which can be more easily observed than the edges of the slot.

I claim as my invention—

1. The combination of the slotted tube A, the roller D, journaled in bearings in the end of the tube, and a time-table attached to the roller, with a pointer constructed for longitudinal adjustment on the said tube, all substantially as set forth.

2. The combination of the slotted tube, containing a roller journaled in bearings on the tube, and having ribs *b b*, one on each edge of the slot, and with the adjustable duplex pointer H on the tube, substantially as set forth.

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

JNO. S. SCHEIDELL.

Witnesses:

HARRY DRURY,  
HARRY SMITH.