

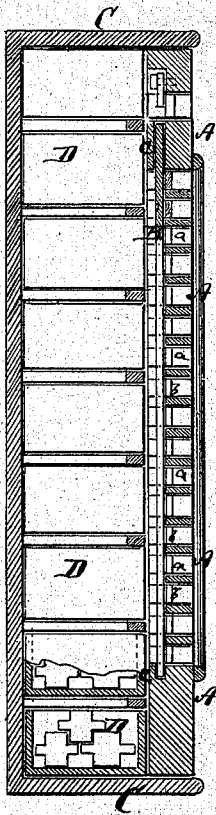
L. J. Smith, Time Table.

107970

PATENTED OCT 4 1870

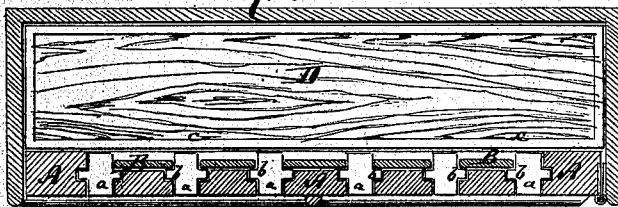
Fig. 2

Fig. 1.



	6.00	8.15	10.00	1.30	3.20	7.00
New York	6.00	8.15	10.00	1.30	3.20	7.00
York	6.15	8.30	11.00	4.45	3.45	7.15
		a		a		a
West Point	7.10					
	a		a		a	
Newport	8.00	10.45				
	a		a		a	
Catskill	8.30	11.00				
	a	a		a		a
Albany	10.00	12.45	3.30	5.30	8.30	12.00

Fig. 3.



Witnesses:
S. S. Mabe
Geo. W. Mabe

Inventor:
S. J. Smith
 PER *Munn Co.*
 Attorneys.

United States Patent Office.

LOYST J. SMITH, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND H. D. BLAKE, OF SAME PLACE.

Letters Patent No. 107,970, dated October 4, 1870.

IMPROVEMENT IN ADJUSTABLE TIME-TABLES.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, LOYST J. SMITH, of the city of New York, in the county and State of New York, have invented a new and Improved Adjustable Time-Table; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 represents a front elevation of my improved adjustable time-table.

Figure 2 is a vertical transverse section of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new time-table for railroads, steamboats, and other purposes, and consists principally in the employment of a series of reversible and removable blocks, upon which the requisite figures or characters are written, the blocks being retained by means of movable slides.

The invention may also be used for bills of fare, account tables, and all other purposes to which it may be found useful.

A in the drawing represents a plate made of wood, metal, or other suitable material, of suitable shape and size.

It is provided with a series of openings, of quadrangular or other suitable form, the said openings being arranged in straight, parallel, or nearly parallel rows, as shown.

On the reverse side, the plate A is grooved in line with each row of apertures.

Each opening in the plate A is to be fitted with a

block, *a*, which, on its face, carries the desired figure, character, or mark to be displayed.

Each block *a* has projecting ribs, *b*, at the sides, which, resting in the groove of the plate A, fit against the face of the groove.

The several rows of blocks *a* are retained on the plate by sliding plates B B, which cover the reverse faces of the ribs *b*, as is clearly shown in fig. 3.

The plates or slides B are at their upper and lower ends held against the plate A by means of cross-bars *c c*, as shown.

It will be seen that the blocks *a* are retained in the openings of the plate A by the slides B, and that they can be conveniently removed by withdrawing the said slides.

The time-table can be readily changed by removing the blocks and replacing them by others, or by merely reversing them, as they may contain different figures or marks on their opposite faces.

The plate A may be hinged to a box, C, which contains drawers, D D, for retaining the surplus blocks *a*, or documents, tickets, &c.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The arrangement, in a plate, A, having rows of quadrangular recesses and side grooves, of the ribbed reversible blocks *a b*, notated on two opposite sides, and detachably held in place by the slides B, as shown and described, and for the purpose specified.

Witnesses:

GEO. W. MABEE,
T. B. MOSHER.

LOYST J. SMITH.