(No Model.)

W. GRIFFITH.

DISCAL INDICATOR.

No. 352,949. Patented Nov. 23, 1886.

Fig. 1.

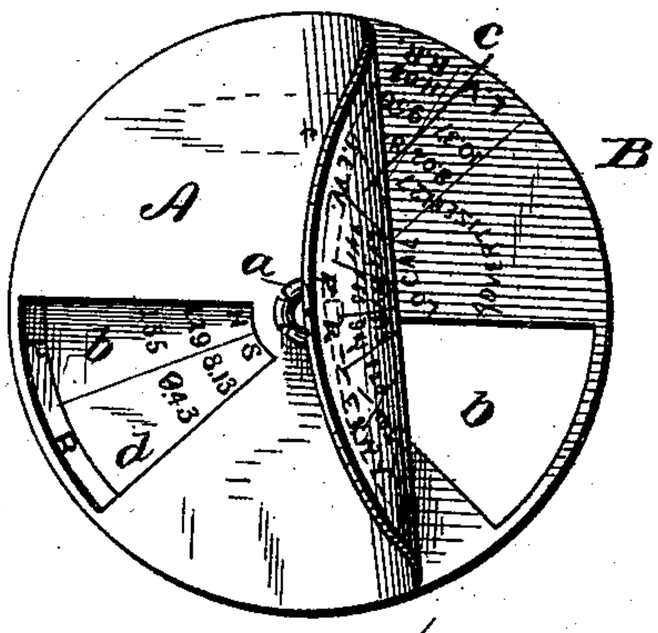


Fig. 2.

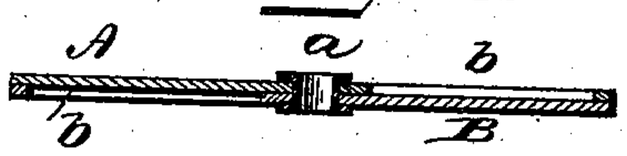
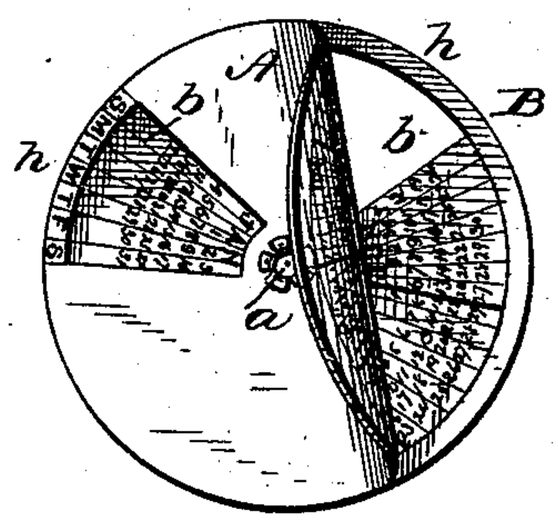


Fig. 3.



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WILLIAM GRIFFITH, OF PITTSTON, PENNSYLVANIA.

DISCAL INDICATOR.

SPECIFICATION forming part of Letters Patent No. 352,949, dated November 23, 1886.

Application filed June 15, 1886. Serial No. 205,247. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM GRIFFITH, of Pittston, in the county of Luzerne and State of Pennsylvania, have invented certain new and useful Improvements in Discal Indicators; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in discal indicators, the object being to provide a cheap and convenient device for use as railroad time-tables, calendars, &c.

A further object is to provide a device which may be carried conveniently in the pocket and attached, if desired, to some flexible connection, or in a form convenient for hanging on the wall.

With these ends in view my invention consists in certain features of construction and combinations of parts, as will be hereinafter fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a front view of my improved device with a portion of one disk upwardly turned. Fig. 2 is a vertical section through line *x x*. Fig. 3 is a modification.

A and B represent a pair of disks, preferably of paper or pasteboard, and conveniently pivoted together at the center by an eye, *a*. Any convenient means for joining the disks may be employed; but the eye is particularly desirable, as it is conveniently inserted and forms an attractive finish. It might also be useful as a means by which to attach a cord, ribbon, or other flexible connection to prevent the device from displacement. Each disk is provided with a slot, *b*, which may be round, square, or any other convenient shape, though for obvious reasons a V-shaped slot is preferable, since by that construction the entire surface of the interior faces of the disks may be utilized. Then by dividing the adjacent faces of the indicator into spaces corresponding in size to the slot *b* each set of figures or characters may be kept confined within a space. Each space may be used as a time-table for a separate railroad. For example, in Fig. 1 space *c* gives the time of all the trains on the Delaware, Lackawanna, and Western departing either north or south from Pittston. In a similar manner space *d* is provided with the time-table of Erie and Wyoming Valley trains north and south. By an opposite arrangement of the spaces *c d e*, &c., on the two disks, while one side opens over the morning schedule of trains for a certain road, the opposite side opens over the corresponding schedule of evening trains for the same road.

Any spaces not required for time-tables may be used for advertisements or in various other ways. Also, the exterior faces may be similarly used.

In the modification shown in Fig. 3 the device is somewhat smaller than either of those described, and is used more particularly as a calendar, the months from January to June being consecutively displayed through the slot on one side, while the months from July to December are displayed on the other side. The spaces in this modification are subdivided longitudinally into seven narrower spaces, as is customary in calendars, each subdivision radiating toward its corresponding initial letter of the day of the week, which is located on the narrow strip *h* between the slot *b* and the periphery of the disk. Each space may be labeled with name of the month.

It is evident that slight changes might be resorted to in the form and construction of the several parts described without departing from the spirit and scope of my invention; hence I do not wish to limit myself strictly to the particular constructions set forth; but,

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

1. An indicator composed of a series of two disks pivoted together at the center, each disk provided with slots, through which characters on the inner faces of the disks are read, substantially as set forth.

2. The combination, with a plate having characters on one or both faces, of a second plate pivoted thereto and similarly provided with characters, those on the interior faces of each disk being displayed through the slot of the adjacent plate, substantially as set forth.

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

WM. GRIFFITH.

Witnesses:
A. S. BRYDEN,
JOSEPH HILEMAN.