

No. 623,018.

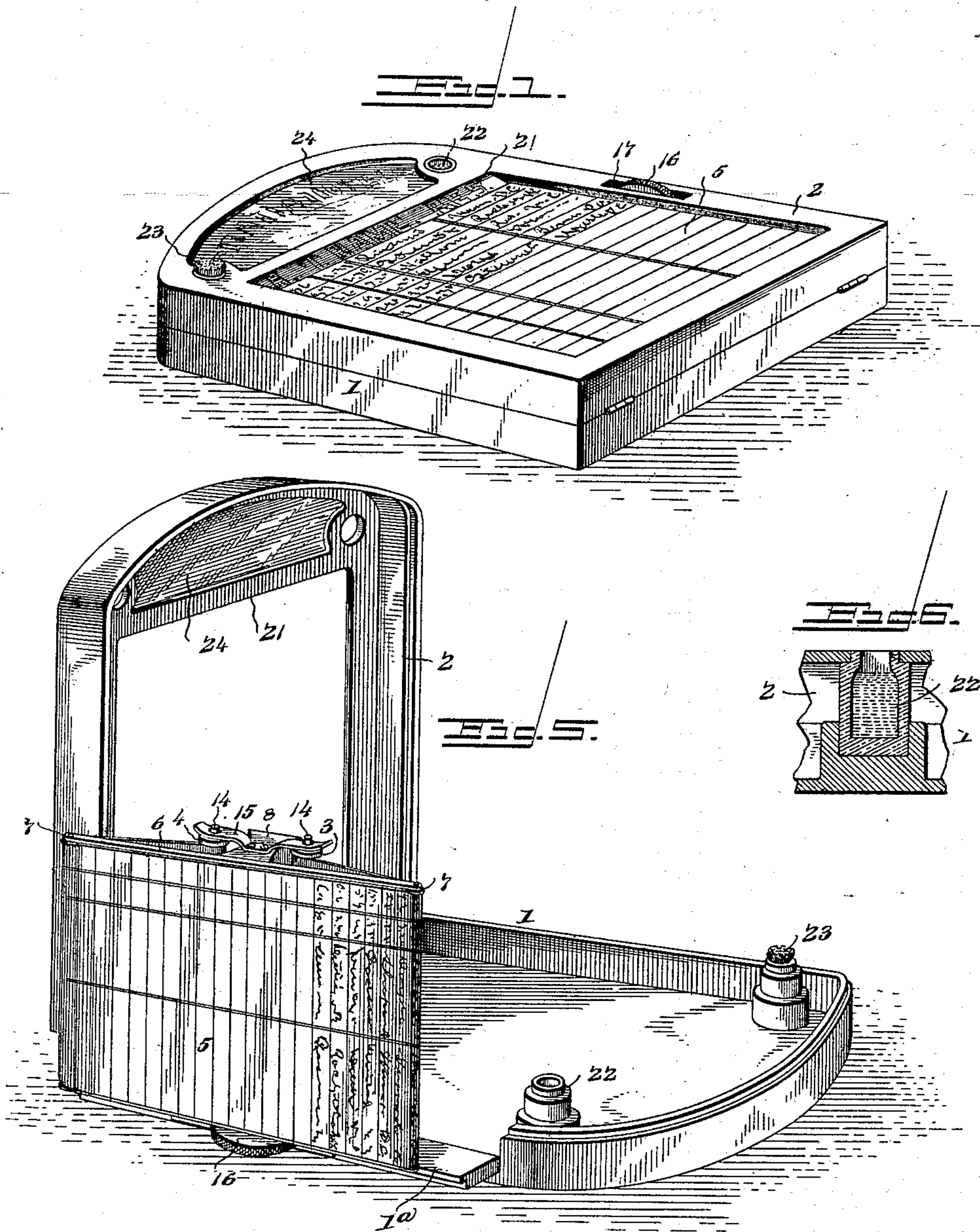
Patented Apr. 11, 1899.

C. F. HOFFMAN.
REGISTER FOR HOTELS OR CLUBS.

(Application filed Feb. 9, 1898.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses
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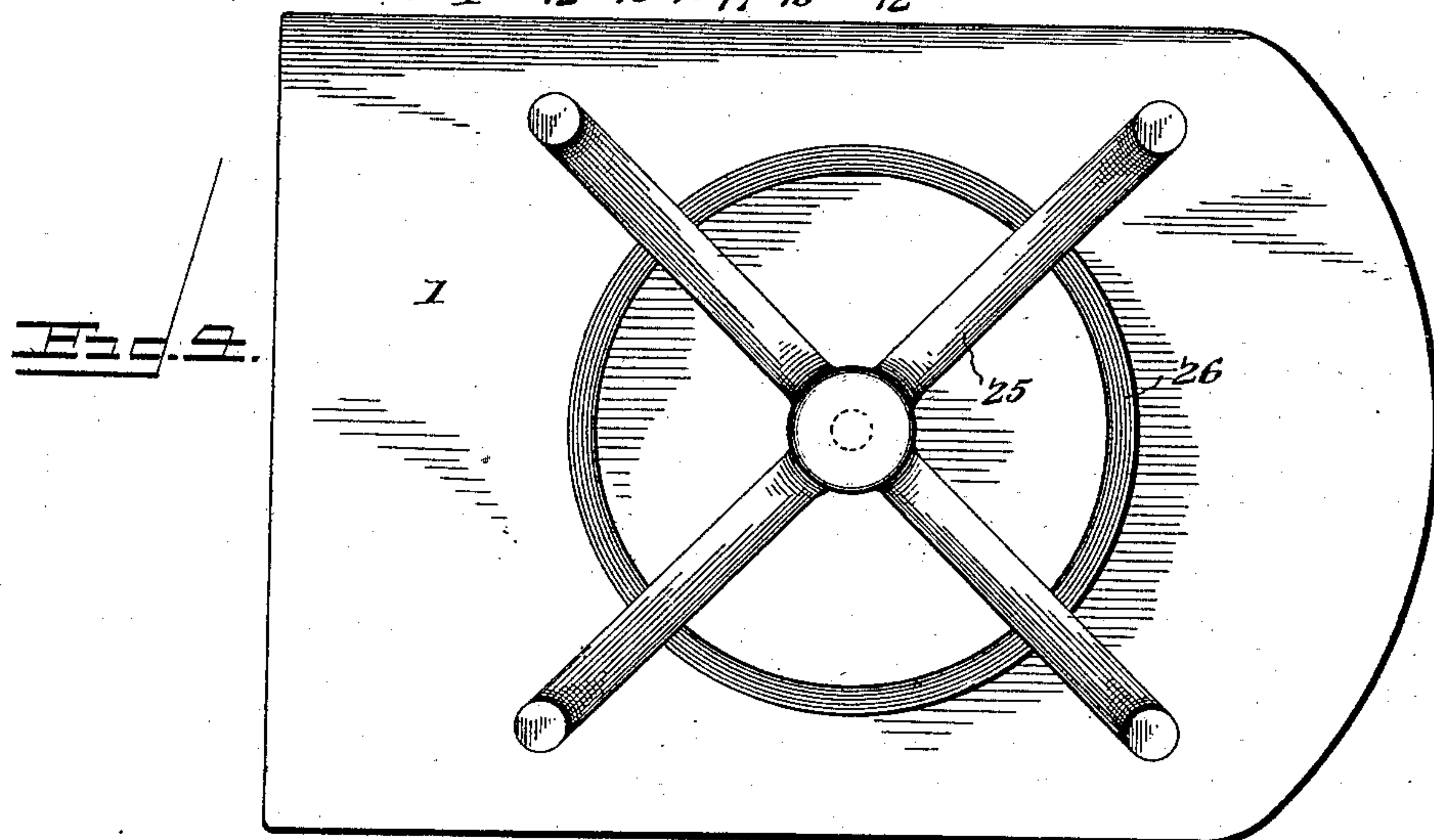
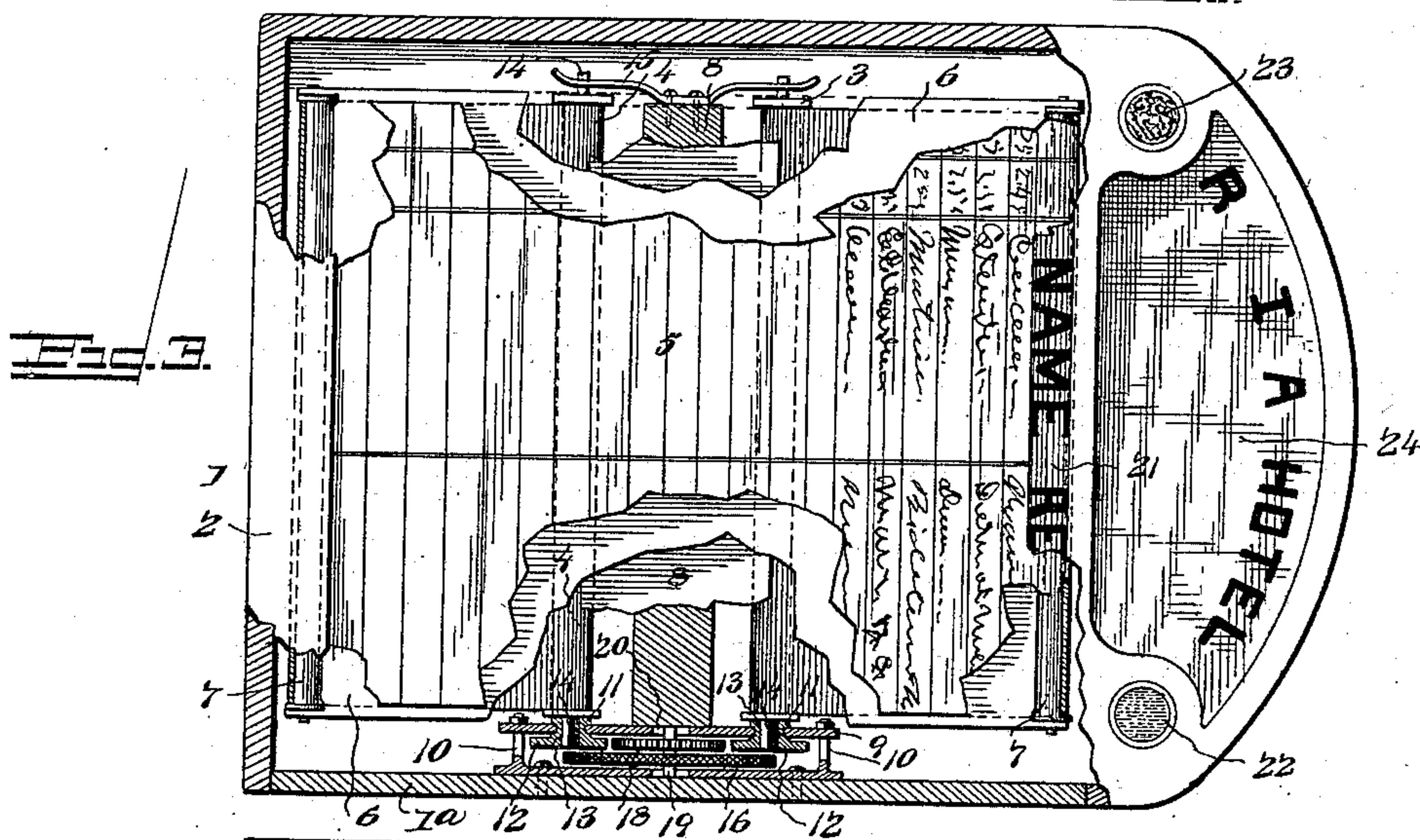
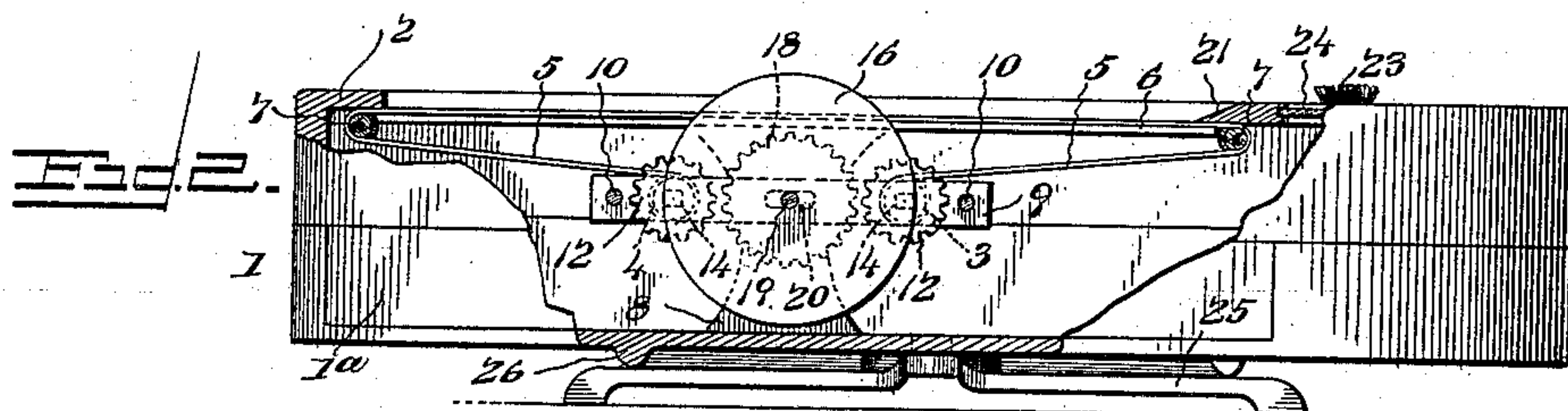
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2 Sheets—Sheet 2.



Witnesses

E. K. Stewart.

[Handwritten signature]

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UNITED STATES PATENT OFFICE.

CASPER F. HOFFMAN, OF REYNOLDSVILLE, PENNSYLVANIA.

REGISTER FOR HOTELS OR CLUBS.

SPECIFICATION forming part of Letters Patent No. 623,018, dated April 11, 1899.

Application filed February 9, 1898. Serial No. 669,682. (No model.)

To all whom it may concern:

Be it known that I, CASPER F. HOFFMAN, a citizen of the United States, residing at Reynolds-ville, in the county of Jefferson and State of Pennsylvania, have invented a new and useful Register for Hotels or Clubs, of which the following is a specification.

My invention relates to a guest or membership register for hotels, clubs, &c., and has for its object to provide a simple and efficient construction and arrangement of mechanism for carrying and feeding a continuous record sheet or web properly ruled to suit the particular purpose for which the register is to be used as in accordance with the plan usually followed in connection with hotel-registers.

A further object of the invention is to provide improved means whereby a sheet or web of which the surface has been completely used can be readily removed from the mechanism and filed for future reference, a new sheet being substituted therefor.

Further objects and advantages of this invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of a register constructed in accordance with my invention. Fig. 2 is a side view of the same with a portion of the contiguous side wall broken away. Fig. 3 is a plan view, partly broken away. Fig. 4 is an inverted plan view. Fig. 5 is a perspective view showing the casing open and the rolls tilted for the removal of a filled sheet. Fig. 6 is a detail sectional view of a portion of the casing to show the ink-well seat.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

In a casing 1, having a hinged lid 2, are mounted parallel supply and receiving rollers 3 and 4, to which are attached opposite ends of a continuous sheet or web 5, adapted between said rolls to traverse a table 6, said table being preferably of greater length than the interval between the rolls and being provided at its extremities with transversely-disposed antifriction-rolls 7. This table is supported by a transverse block 8 or its equivalent, which occupies a position between and parallel with the rolls and is carried by a

hinged side wall 1^a of the casing, said wall being held in its normal position by the rabbeted edge of the lid or cover 2 when the latter is in its closed position. In the construction illustrated said supporting-block is connected with the folding wall 1^a by means of a suitable plate 9, arranged parallel with said wall and held in place by bracket-pins 10 or their equivalents. This plate is provided at suitable points with bearings, in which are mounted the hubs 11 of gears 12, said hubs being provided with angular sockets 13 for the terminal cross-sectionally angular trunnions 14 at the contiguous ends of the supply and receiving rolls. The opposite trunnions 14 of said rolls are mounted in bearings in yielding supporting-arms 15, secured to and carried by the block 8 and adapted to be flexed outwardly to release said trunnions, and thus facilitate the removal of said rolls when it is desired to replace a filled strip by a fresh medium.

The above-described means for accomplishing the mounting of the hubs 11 upon the hinged side wall 1^a of the casing is preferred, for the reason that it provides for the compact arrangement of the hub-operating devices hereinafter fully described. It will be understood that the plate 9 is rigidly held by the bracket-pins 10 in a fixed position with relation to the side wall 1^a, and the hubs 11 are flanged to prevent accidental axial displacement thereof. It is obvious, however, that any equivalent of this construction may be adopted without departing from the spirit of my invention.

The angular trunnions 14, which are arranged at one end of the rolls, are removably seated in the angular bores of the above-mentioned hubs and may be displaced axially, while the spring-arms 15, which are carried by the other end of the block 8, are suitably engaged with the trunnions 14 at the other end of the rolls to maintain said rolls in their operative positions. In order to replace the rolls with a fresh supply of paper, it is simply necessary to fold the wall 1^a outwardly to dispose the block 8 in a vertical position, and as the guide-rolls 7 are exposed at the ends of the table a strip of paper may be passed thereover and thus arranged upon the table without threading the paper through slots in the

table or other portion of the structure. In other words, by mounting the table upon a lateral folding wall of the casing and attaching the guide-rolls 7 directly to the end edges of the table the application of a supply of paper to the apparatus is facilitated.

Mounted in the interval between the plate 9 and the contiguous folding wall 1^a of the casing is an operating-disk 16, having a milled periphery projecting through a suitable slot 17 in the cover 2, at one side of the main opening of said cover, through which the upper surface of the inscribing medium is exposed. This operating-disk carries a master-gear 18, which is adapted to mesh with either of the gears connected, respectively, with the supply and receiving rolls, but the interval between the contiguous portions of the peripheries of said gears 12 is greater than the diameter of the master-gear 18 to provide for causing said master-gear to mesh with either of the receiving-gears 12, and thus communicate motion to said receiving-gear without affecting the other, except through the tension applied by the rotation of one roll to the strip forming the inscribing medium. Hence the operating-disk has its trunnions 19 mounted to slide in suitable elongated bearings or slides 20, and when it is desired to move the strip in one direction or the other the operating-disk first receives a movement longitudinally of the casing to cause the master-gear to mesh with the selected receiving-gear, after which the rotation of the operating-disk will impart the required linear movement to the sheet. It will be understood that when it is desired to dismount one of the supply or receiving rolls it is necessary only to raise the lid 2 and fold the wall 1^a outwardly, as indicated in Fig. 5, to expose the yielding supports 15, whereupon the substitution of an unused for a filled sheet may be accomplished with facility.

The casing is preferably provided upon a beveled or chamfered edge 21 at the upper end of the main opening in the cover with words indicating the purposes of the various columns of the exposed portion of the surface of the sheet, such as "Name," "Residence," &c. Also at opposite sides of the casing and above the strip-exposing opening in the cover are arranged suitable ink-well and pen-wiper seats 22 and 23, respectively, while in the cover between said seats is arranged a transparent panel 24, suitable for exposing a name and place card designating the name of the hotel and proprietor or the name of the club to which the register belongs. Furthermore, to facilitate turning of the register to accommodate persons positioned at opposite sides of a desk or counter upon which the register may be located, I preferably employ a base, upon which the casing is mounted for horizontal pivotal movement, and in the construction illustrated the base consists of a spider 25, having a suitable number of arms adapted to bear terminally upon

the surface of a desk or counter and also having a central spindle, upon which the casing is mounted. The under surface of the casing is fitted with an annular bearing-plate 26, adapted to rest upon the upper surfaces of the arms and prevent rocking or tilting of the casing when in use.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having described my invention, what I claim is—

1. A register having a casing provided with a movable lid or cover and an outwardly-folding side wall, in combination with carrying devices for a continuous inscribing medium, and means for operating said carrying devices, mounted upon the folding wall, substantially as specified.

2. A register having its casing provided with an outwardly-folding side wall and a lid or cover having an interlocking connection with said wall, to normally secure the same in its operative position, carrying devices including rolls, means for operating said rolls, and a table adapted to be traversed by a continuous inscribing medium, all mounted upon and carried by said folding wall, substantially as specified.

3. A register having its casing provided with an outwardly-folding side wall, supply and receiving rolls for a continuous inscribing medium removably seated in sockets on said side wall, a table carried by the said side wall and adapted to be traversed by an inscribing medium carried by the rolls, and yielding supporting-arms engaging trunnions at the opposite ends of the supply and receiving rolls from said movable wall, substantially as specified.

4. A register having its casing provided with an outwardly-folding side wall, a table carried by said side wall, hubs mounted in bearings upon and carried by the said side wall and having angular sockets, supply and receiving rolls having cross-sectionally angular trunnions removably seated in said sockets, and yielding supporting-arms having bearings for engaging trunnions at the opposite end of said supply and receiving rolls, substantially as specified.

5. A register having spaced supply and receiving rolls for carrying a continuous inscribing medium, and a writing-table adapted to be traversed by the inscribing medium, a peripherally-exposed rotary operating-disk, and connections between the operating-disk and said rolls, said connections consisting of elements carried respectively by the operating-disk and the rolls, and the operating-disk being mounted for movement to cause the engagement of the element carried thereby with the element carried by either of said rolls, substantially as specified.

6. A register having spaced supply and re-

ceiving rolls for carrying a continuous inscribing medium, a table adapted to be traversed by the inscribing medium, receiving-gears operatively connected with the trunnions of said rolls, and a peripherally-exposed operating-disk connected to a master-gear, said operating-disk and master-gear being mounted for rotary and sliding movement whereby the master-gear is adapted to mesh with either of said gears, substantially as specified.

7. A register having a casing, receiving-gears having hubs provided with angular sockets, supply and receiving rollers having cross-sectionally angular trunnions removably seated in said sockets, means for detachably engaging and supporting the oppo-

site trunnions of said rolls, and an operating-disk peripherally exposed through a slot in the casing and having a master-gear disposed between and adapted to mesh with either of the receiving-gears, said operating-disk having a spindle mounted in a slotted bearing, whereby the master-gear is adapted to be moved to mesh with either of the receiving-gears, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

CASPER F. HOFFMAN.

Witnesses:

JAMES IRVING,

D. L. POSTLETHWAIT.