W. L. LEE.

ADJUSTABLE TIME LIMIT STAMP.

APPLICATION FILED JAN. 26, 1905.

FIG. 1.

FIG. 2.

FIG. 3.

FIG. 4.

FIG. 5.

FIG. 6.

Attorney:

Will vs. . . . et . % vs 2%ze zeyave 2% A? Cavy S.

Inventor:

Willis L. Lee.

By Higdon, Young & Hopkins.

ATTYS.
To all whom it may concern:

Be it known that I, Willis L. Lee, a citizen of the United States, and a resident of St. Louis, Missouri, have invented certain new and useful Improvements in Adjustable Time-Limit Stamps, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to improvements in adjustable time-limit stamps; and it consists of the novel features herein shown, described, and claimed.

In the drawings, Figure 1 is a side elevation of a time-limit stamp embodying the principles of my invention as seen looking in the direction indicated by the arrows 1 in Figs. 3 and 4. Fig. 2 is an enlarged sectional detail on a plane parallel with Fig. 1 and taken on the lines 2'2 of Figs. 3 and 4 and looking in the direction indicated by the arrows. Fig. 3 is a cross-section on the lines 3 3 of Figs. 1 and 2 and looking in the direction indicated by the arrow. Fig. 4 is a cross-section on the lines 4 4 of Figs. 1 and 2 and looking in the direction indicated by the arrows and showing the roll of transfers or tickets. Fig. 5 is a plan of the transfer used in connection with my time-limit stamp.

Fig. 6 is a plan of the child's ticket used in connection with my time-limit stamp.

Referring to the drawings in detail, the bearing-block 10 has transverse openings to receive the pivot-pin 11 and has a longitudinal slot 12. A handle 13 extends from the bearing-block 10, and a spring-seat 14 extends inwardly from the handle. The handle 15 is a spring-seat 16 in opposition to the spring-seat 14, and the expansive coil-spring 17 is mounted with its ends upon the spring-seats 14 and 16, the tension of said spring being exerted to hold the handles yieldingly apart. A shank 18 extends from the handle 15 through the slot 12, the pivot-pin 11 passing through the shank to connect the handles together. The jaw 19 extends from the lower end of the shank 18, and the rubber cushion 20 is embedded in the upper face of the jaw 19. The ribbon-housing block 21 extends from the bearing-block 10, and the opening 22, formed from one side of the ribbon-housing block, serves as a housing to receive the roll 23, there being a tension-spring 24 in the housing around the roll and the axis of the roll being parallel with the pivot 11.

The printer-housing extends from the ribbon-housing block and comprises the walls 25 and 26, connected rigidly together by the arm 27. A cylindrical core 28 fits between the walls 25 and 26, and screws 29 are inserted through the wall 25 and screw-seated in the core 28 to hold the core rigidly in position. A wheel 30 is mounted upon the core 28, there being letters upon this wheel to print "P. M." and "A. M." A wheel 31 is mounted beside the wheel 30, there being figures upon this wheel to print "00," "15," "30," and "45." Handles 32 and 33 extend from the wheel 31 for rotating the same back and forth. A wheel 34 is mounted beside the wheel 31, there being figures upon this wheel to print the hours from "11" to "12." Wheels 35 and 36 are mounted beside the wheel 34, there being figures upon the wheel 35 to print "1," "2," and "3" and there being figures upon the wheel 36 from "11" to "0," said wheels 35 and 36 being used to print the days of the month. A wheel 37 is mounted beside the wheel 35, there being letters upon this wheel to print the abbreviations for the names of the months. Latch-recesses 38 are formed in the inner faces of the wheels 30, 31, 34, 35, 36, and 37. Latch-openings 39 are drilled transversely into the core 28. Springs 40 and 41 are placed in the latch-openings, and latches 42 are pressed down upon the springs, the points of the latches 41 being beveled to fit in the beveled latch-opening 39, so that the wheels may be snapped back and forth to set them at the desired points and so that the tensions of the springs will hold the wheels in their set positions. By manipulating the wheels they may be set to print any desired month or day of the month or hour of the day or quarter-hour or "P. M." and "A. M."

A slot 42 is cut through the lower end of the wall 25, said slot extending on an angle from the lower face 43 upwardly and outwardly. The ribbon 23 passes under the wheels 30 to 37, then upwardly and outwardly through the slot 42. A tension-spring 44 is secured to the outer face of the wall 25 with its lower end in position to engage and grip the ribbon at the upper outer end of the slot 42. The spring 24 resists the ribbon and holds it tight at one end, and the spring 44 holds it at the other end. When desired, the ribbon may be drawn outwardly through the slot 42 and cut off, so as to bring fresh ink in position for the printing-surfaces. The transfers 45 or the children's tickets 46 are
printed upon rolls 47, and the rolls are carried in a case comprising a solid end 48, a cylinder 49, having a slot 50 throughout its length, and a door 51, pivoted in position to form end opposite the end 48. A hook 52 is attached to the center of the cylinder to engage the cloth or other device for attaching the cylinder to the conductor. The transfer or tickets are pulled out of the cylinder and then stamped and then torn off.

I claim—

1. In an adjustable time-limit stamp, a pair of handles pivotally held together, handles integral with said jaws, a cylinder detachably positioned in the upper jaw, a series of printing-wheels adjustably carried by said cylinder, a cushion positioned in the top surface of the lower jaw, and a printing-ribbon positioned between the printing-wheels and the cushion, substantially as specified.

2. In an adjustable time-limit stamp, a pair of handles pivotally held together, jaws formed integral with said handles, a cylinder detachably secured to one of the jaws, a series of printing-wheels adjustably carried by said cylinder, there being a circular recess formed in said jaw; a printing-ribbon wound up within said recess, the free end of which ribbon passes beneath the printing-wheels and having its outer end secured to the outer end of the jaw, and a cushion positioned in the top face of the opposite jaw, substantially as specified.

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

WILLIS L. LEE.

Witnesses:
META SCHULZE,
EDW. M. HARRINGTON.