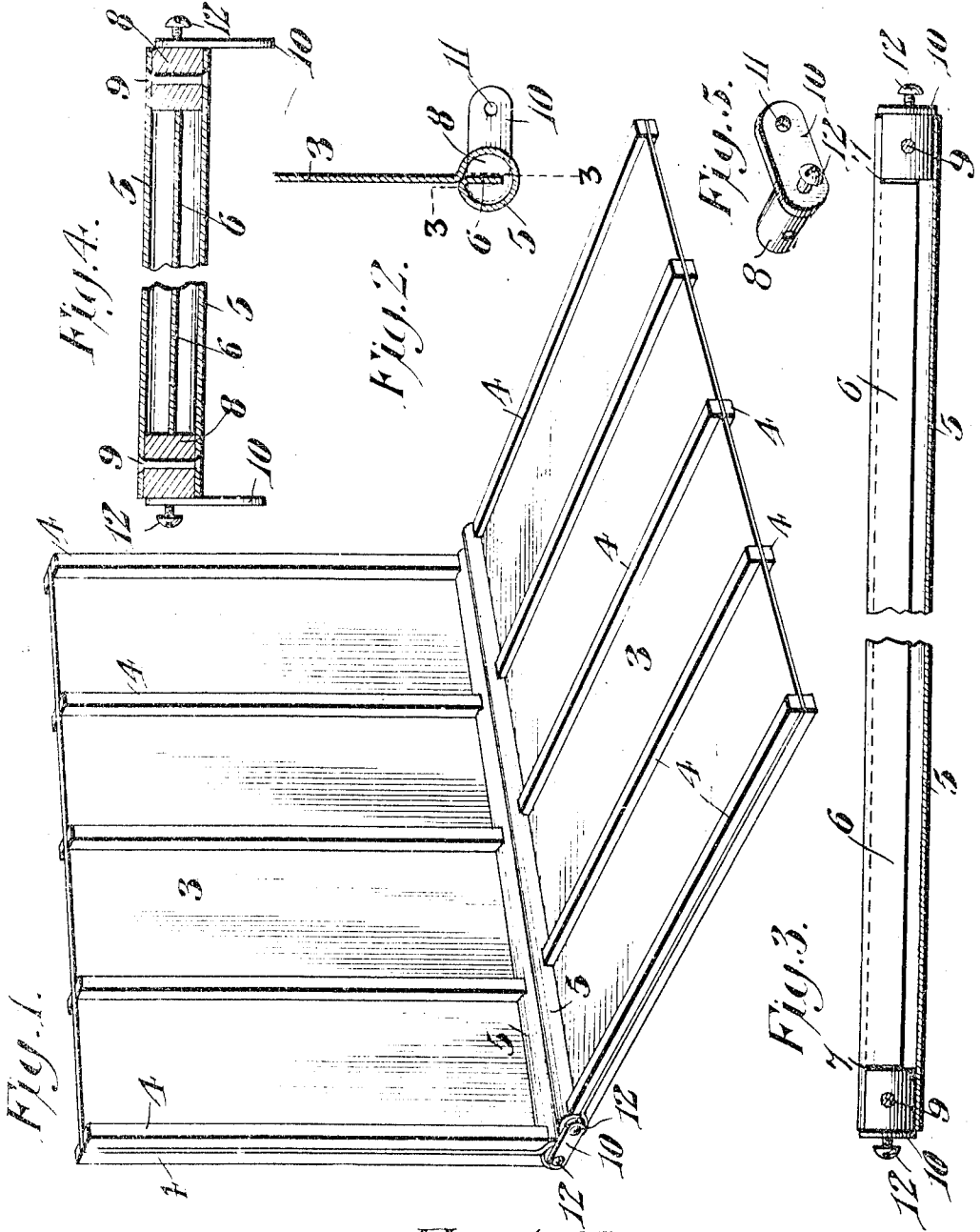


F. MOINETT.
METALLIC LEAF FOR ACCOUNT REGISTERS.
APPLICATION FILED DEC. 22, 1908

949,301.

Patented Feb. 15, 1910.



Witnesses
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FRANK MOINETT, OF ALLIANCE, OHIO.

METALLIC LEAF FOR ACCOUNT-REGISTERS.

949,301.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FRANK MOINETT, a citizen of the United States, residing at Alliance, in the county of Stark and State of Ohio, have invented a new and useful Improvement in Metallic Leaves for Account-Registers, of which the following is a specification.

My invention relates to that class of devices for keeping accounts or memoranda in which a series of pivoted sheet metal leaves are used on which the slips or memoranda are clipped or otherwise attached, and particularly it relates to a novel form of sheet metal leaf or page, as it may be called, such as is used for this class of account registers, and to means of reinforcing the bottom edge of the leaf and pivotally attaching the leaf to a base or to the next succeeding leaf.

The object of my invention is to straighten the leaf or page laterally in order to prevent its bending at its middle, to provide a means for the easy attachment of a hinge or pivot, and incidentally, to permit both sides of the leaf or page being used, and means whereby the sheets when hinged in conjunction with each other, may be rolled upon the other in the act of opening one sheet.

My invention consists in forming the bottom edge of the leaf with a roll or bead reinforced by an inwardly turned flange or marginal portion and using in connection therewith end plugs which close the ends of the bead or roll and have hinge pintles attached thereto.

In the drawings, Figure 1 is a perspective view of two conjoined leaves of an account register embodying my invention; Fig. 2 is a fragmentary cross section through the leaf at its butt end; Fig. 3 is a section on the line 3-3 of Fig. 2; Fig. 4 is a transverse section of Fig. 2, at right-angles to Fig. 3; and Fig. 5 is a detail perspective view of one of the closing plugs.

In the drawings, 3 designates a sheet or leaf of an account-keeping book or register, such as are quite commonly employed for keeping credit accounts. These sheets are ordinarily provided with clips or like devices in which the credit accounts are held, and the sheets are strengthened by longitudinal strips of wood or metal, extending from the butt of the sheet to the edge thereof. The sheet has also been strengthened by transverse bars of metal, but these transverse bars are clumsy, are heavy and are difficult to

attach. My invention provides for a transverse strengthening portion at the butt edge of the leaf which shall be light, formed in one piece with the sheet or leaf itself, and provides also for the attachment of the hinges as before described.

In the drawings, the strengthening ribs of wood are designated 4. These are attached in any suitable manner on opposite sides of each sheet. The clips which are to be attached to these sheets are not shown, for they form no part of my invention, and any form of clip may be used if desired.

The inner or butt end of my improved sheets or pages is bent around to form a cylinder or tubular bead 5, projecting equally on either side of the sheet, as shown in section in Fig. 2. The edge of the sheet is also provided with an inwardly-bent margin which acts as a strengthening flange and also permits the roll to be very easily made, the straight margin affording a means whereby the edge of the leaf may be grasped and turned around a mandrel in a manner well known in the art.

The ends of the flange 6 are cut away as at 7, to permit the introduction of a cylindrical metal plug, 8, into each end of the cylinder, this plug being attached to the bead in any suitable manner, but preferably as shown, by a rivet 9, extending through the plug and bead, the rivet having the further function of preventing the bead from spreading open. To the plug is preferably attached a link 10, this link being rigid, as by soldering, with the plug and having at its end a perforation 11 for engagement with a pintle 12 of the next adjacent plug. The pintle may be formed in any desired manner and I have shown it as a screw inserted into the end of the plug and having a head engaging outside the link.

While I have devised my improved leaf or page particularly with a view to its application in account-keeping systems or registers of the class described, I do not wish to be limited thereto, as it is obvious that the principle of the construction may be equally well applied to leaves of the same character used in analogous positions.

Having thus described my invention, what I claim as new and desire to secure by Letters-Patent, is:

1. The combination of a plurality of leaves each formed with a longitudinal bead, plugs disposed in the ends of each bead and

secured against rotation therein, a link disposed over the outer end of each plug and rigidly secured thereto, and headed pintles secured to and projecting outwardly from the plugs, the outer ends of the links on each leaf being provided with an aperture for receiving the pintles of an adjacent leaf.

2. The combination of a plurality of leaves, beads at the inner edges of the leaves disposed parallel with each other, the ends of the beads being open links at the ends of the beads, and means disposed in the open ends of the beads for connecting the links with the beads to form hinged connections for the leaves.

3. In an account register of the class described, a leaf of metal having a hollow tubular reinforcing bead at its edge, said bead having in its interior a transverse flange extending along the bead longitudinally thereof, a link at each end of the bead, and devices secured to the links and rigidly fastened on the ends of the beads for securing the links thereto.

4. In an account register of the character described, a leaf of metal having a reinforcing bead at its edge formed by turning the metal of the leaf into a roll or cylinder, the edge of said metal at the roll being bent to form a flange cutting the diameter of said roll and extending along its length, and devices attached to the ends of the bead and including means for connecting the leaf with an adjacent leaf.

5. In an account register of the character described, a leaf of metal having a tubular reinforcing bead at its butt edge, said bead being formed with a transverse flange crossing its diameter, plugs closing the ends of

said tubular bead, rivets passing through the bead and plugs for securing the latter in place, screws carried by the plugs to form pintles, and links connected with the plugs for connection with the pintles of an adjacent leaf.

6. In an account register of the character described, a leaf of metal having a reinforcing bead at its butt edge formed by turning the metal of the leaf into a cylindrical roll, the margin of said metal being formed into a flange cutting diametrically across the roll and extending longitudinally thereof nearly to its ends, the ends of said bead being closed by cylindrical plugs rigid therewith and contacting with the end of the flange, said plugs being provided with projecting links rigidly attached thereto, pivots on the plugs for connection with the links of an adjacent leaf, and means on the links for connection with the pivots of an adjacent leaf.

7. A leaf for account registers consisting of a sheet of metal having a series of transverse dividing ribs on both faces of the sheet, the inner margin of said sheet being rolled to form a bead, and the inner edge of the sheet being formed to extend diametrically across said bead, and plugs closing the ends of said bead and provided with means whereby a leaf may be pivotally attached to another leaf.

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

FRANK MOINETT.

Witnesses:

ARTHUR W. MORRIS,
WM. M. ROACH.