W. L. VANCE.

SAFETY CARD RECORD.

APPLICATION FILED NOV. 18, 1912.

1,076,083.

Patented Oct. 21, 1913.

2 SHEETS—SHEET 1.

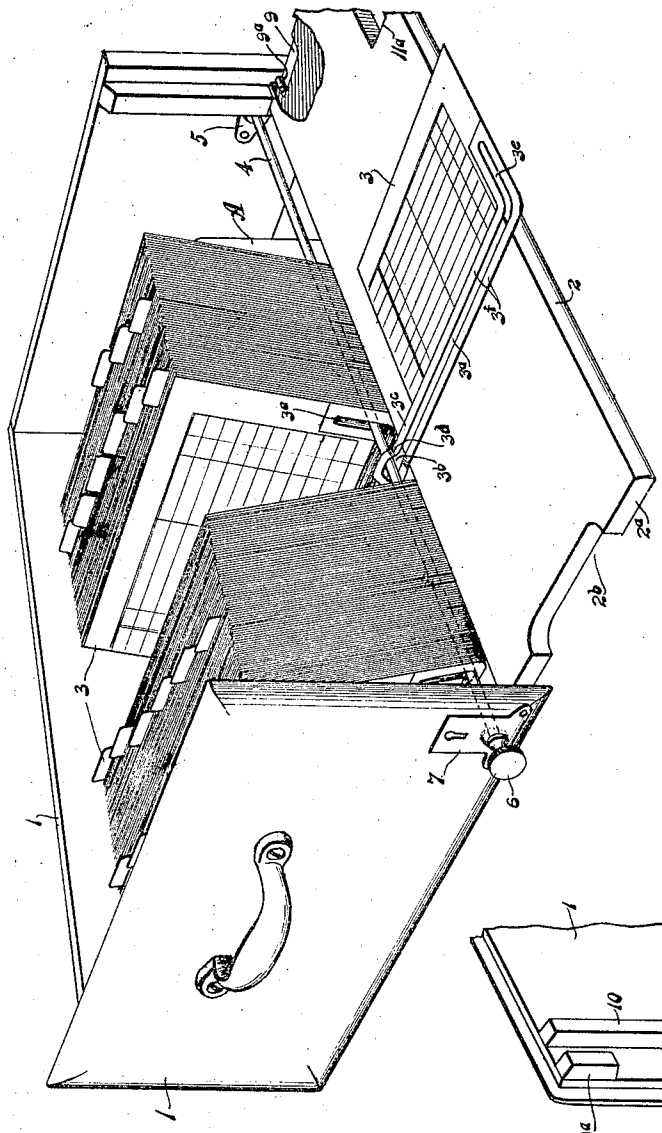


Fig. 1.

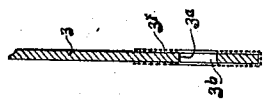


Fig. 3.

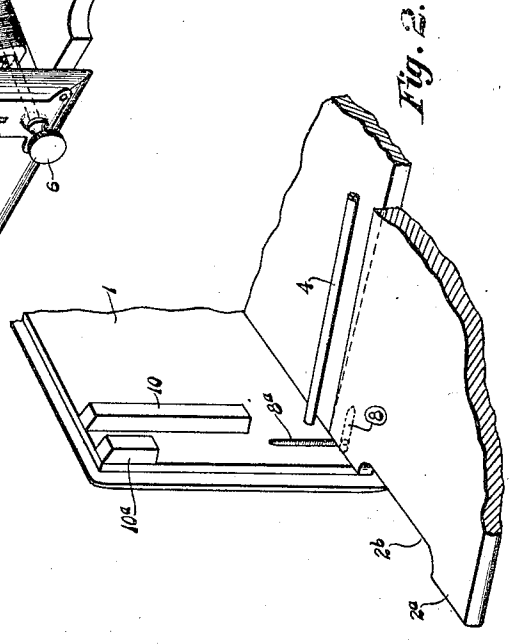


Fig. 2.

Witnesses

Jos. J. Hosler.

J. W. Schmid

Inventor

William L. Vance

By Ord & Dillman Attorney

W. L. VANCE.

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2 SHEETS—SHEET 2.

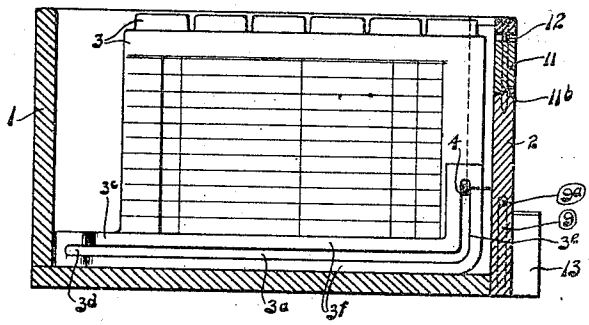


Fig. 4.

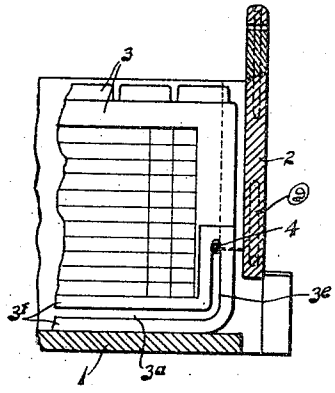


Fig. 5.

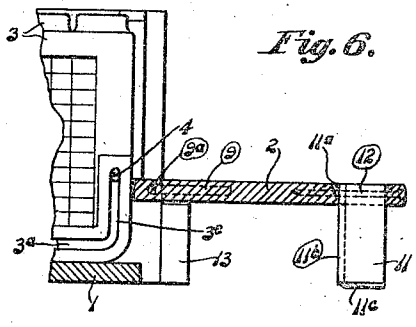


Fig. 6.

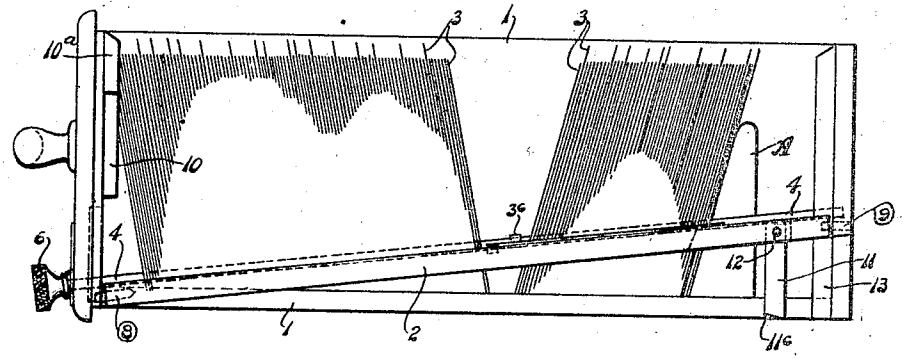


Fig. 7.

Inventor

William L. Vance

Witnesses

Jos. J. Hosler.

J. F. Schlueter

By Edward G. Williamson Attorney

UNITED STATES PATENT OFFICE.

WILLIAM L. VANCE, OF CLEVELAND, OHIO.

SAFETY CARD-RECORD.

1,076,083. Specification of Letters Patent. Patented Oct. 21, 1913.

Application filed November 18, 1912. Serial No. 732,060.

To all whom it may concern:

Be it known that I, WILLIAM L. VANCE, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Safety Card-Records, of which the following is a specification.

My invention relates to improvements in safety card records or card index recording and filing systems of that character in which the cards containing or designed to contain entries are filed within a file case, drawer, or similar receptacle, and is especially designed and adapted for use in banks or mercantile establishments in place of the ordinary account-books, records, ledgers, or indexes, and in such connection it relates to the construction and arrangement of such a card record and index within a novel and improved form of file case or drawer whereby the operation of applying, removing, and separating the cards for inspection is rendered easier and more convenient, and whereby any card may be partially withdrawn for inspection or to receive suitable entries thereon without loss of place or the necessity of inserting a place indicator between the adjacent cards, the cards at all times being securely locked to the case for the purpose of insuring safety and preventing misfiling.

A further object of the invention is to provide an improved filing case or drawer having one of its sides or lateral walls hingedly or pivotally connected to the base portion thereof and adapted to be opened and let down in a substantially horizontal position to serve as a desk or shelf upon which the partially withdrawn but locked card or cards may be rested for convenience in writing thereon.

With the above-mentioned and other ends in view, the invention consists in the novel construction, arrangement, and combination of parts, hereinafter described, illustrated in one of its embodiments in the accompanying drawings, and particularly pointed out in the appended claims.

Referring to the drawings, forming a part of this specification, Figure 1, is a perspective view of a file case or drawer constructed in accordance with my invention, the hingedly or pivotally mounted side being open and one of the improved cards resting thereon in position to receive suitable notations. Fig. 2, a fragmentary perspective view of the front inner side or portion of the filing case or drawer showing the pivotally mounted side or desk in its open position and the arrangement of the parts for locking the side or desk portion of the case in its closed position. Fig. 3, an enlarged vertical section through the base or slotted portion of one of the cards illustrating the manner of reinforcing such portion of the card, as desired. Fig. 4, a cross sectional view of the improved filing drawer in its closed position. Fig. 5, a fragmentary view of the pivoted or desk side of the drawer, the latter being in its initial elevated or unlocked position preparatory to being let down to serve as a supporting shelf or desk. Fig. 6, a similar view showing the pivoted portion or side in its horizontal or let-down position for receiving and supporting the improved cards as a desk or shelf. Fig. 7, a side elevation of the improved filing drawer with a pivoted side in open position.

Similar numerals of reference designate like parts throughout all the figures of the drawings.

The improved file case or receptacle for receiving and containing the record and index cards may be of any suitable and convenient form or construction, and in the present embodiment is shown in the form of a filing drawer 1, having a pivotally connected side or lateral wall 2, adapted when in its vertical position and locked as hereinafter described, to act as one side of the drawer, and when the drawer is withdrawn or removed from the file body or case, adapted to be unlocked or unlatched and to have its upper free edge swung outwardly and laterally therefrom to a substantially horizontal position as shown in Figs. 1, 2, 6, and 7, in which latter position it acts as a supporting desk or shelf for receiving and supporting one or more of the improved record or index cards in suitable position for receiving notations thereon.

As a means for retaining and locking the record and index cards 3, in the case, said cards being movably supported therein in the ordinary manner, as by means of a suitable follower block 4, and also permitting of the withdrawal of one or more to one side and resting the same upon the said swinging side or lateral wall 2, when the latter is in a horizontal position for use as a supporting shelf or desk, each card is provided

at its base with a horizontally extending guide slot 3^a, to permit of its lateral movement or withdrawal above the pivoted side 2, when the latter is in its open or shelf forming position, and as a means for locking the card in its withdrawn position for receiving notations and also permitting of its movement to a flat or substantially horizontal position upon the shelf or desk 2, the guide slot 3^a is preferably provided at one side as shown in Fig. 1 with an enlarged terminating portion 3^b, the latter being formed, in the present instance, by means of an extension 3^c, of the slotted base portion of the card and a bent portion 3^d.

The slotted base portion of each card is preferably reinforced by means of a suitable reinforcing element 3^f, superposed along the marginal edges of the guide slot 3^a, and slot 3^e, referred to below, such as reinforcing fabric, metal, or other suitable and convenient material, as illustrated most clearly in Fig. 3, of the drawings.

As a means for locking the cards in both their normal and withdrawn positions, as above explained, a locking or retaining element in the form of a longitudinally extending guide rod 4, is provided at one side of the case or drawer and near the pivoted edge of the side wall 2, said guide rod, in the present instance, being secured to the rear end of the drawer by means of a bracket 5, and extending through the front of the drawer and provided with a hand knob 6, the rod or locking element 4, being adapted to be locked in position by means of a lock 7, of any suitable and convenient construction.

As the card retaining guide rod 4, is slightly inclined from the rear end of the drawer to the front to correspond with the inclination of the side 2, when the latter is in its open position, as hereinafter more fully explained, the horizontally extending guide slot 3^a, terminates in or intersects with a vertically extending portion 3^e, and which latter also acts to give the cards some play while in their normal position within the drawer.

As a means for pivotally mounting, locking, and supporting the side 2, in its respective closed and open positions hereinbefore referred to, the side 2, is pivotally connected at its front to the front end of the drawer by means of a guide or pivot pin 8, adapted to operate in a vertically extending guide slot 8^a, at the front, and the side 2, is pivotally connected at its rear by means of a guide slot 9, formed within its rear end, said guide slot 9, being adapted to receive and contain a guide pin 9^a, which latter is mounted in the adjacent portion of the rear end or wall of the drawer or receptacle 1.

As a means for retaining or locking the side 2, in its vertical position, the front end of the drawer is provided on its inner side (see Figs. 2 and 7) with a stop block or strip 10, and a second stop or lock block 10^a, the latter resting on the outer side of the front upper corner 2^a, of the pivoted side 2, when the latter is in its upright or closed position, and when it is desired to unlock or release the side 2, for the purpose of swinging the same outwardly, the side 2, is initially elevated in a vertical position to the position shown in Fig. 5, the guide slot 8^a, and guide pin 8, permitting of this movement at the front after which the side 2, may be swung outwardly, the recess portion 2^b, at the front edge of the side 2, permitting the latter to clear the lock block 10^a, in an obvious manner.

As a means for elevating and supporting the rear end of the side 2, when in its open or shelf forming position, the latter is provided near its upper rear corner with a pivotally mounted member 11, of such length as to form a supporting leg or block when the same swings outwardly to a vertical position as illustrated in Figs. 6 and 7, of the drawings, said block or leg 11, normally filling the opening 11^a, in the side 2, when the latter is in its vertical position, and as a means for causing the pivotally mounted block or leg 11, to normally retain a closed position when the side 2, is in its closed position and the drawer is in use, the lower side or edge of the block 11, is provided with a beveled portion 11^b, adapted to engage or interlock with a correspondingly beveled portion of the lower side of the opening 11^a, and as a means for preventing the inward movement of the free end of the block 11, the free edge of the block is provided with a beveled portion 11^c, adapted to engage with the correspondingly beveled portion at the end of the opening 11^a, said block being loosely mounted on the pivoted pin 12, and having some play in the opening 11^a, as illustrated most clearly in Figs. 4, 5, and 6, of the drawings.

The lower rear edge of the side 2, is supported in its open or shelf forming position by means of a block or extension 13, at the adjacent rear corner of the drawer and over which the side is adapted to open, as illustrated most clearly in Figs. 6 and 7 of the drawings, the slotted pivoted connection provided by the guide slot 9, and guide pin 9^a, providing for the above movements and adjustments of the rear end of the side 2, when opening and closing in an obvious manner.

From the foregoing description, taken in connection with the accompanying drawings, the operation and advantages of my invention will be readily understood.

Having thus described one of the embodi-

ments of my invention, what I claim and desire to secure by Letters Patent is,—

1. In a safety card record, a plurality of cards provided with horizontally slotted reinforced base portions terminating in vertical slot extensions.

2. In a safety card record, a card provided with a horizontally extending guide slot at its base, said slot being provided with a looped extension at one side and a right angled extension at the other.

3. In a safety card record, a filing drawer, a side wall pivotally connected thereto by means of guide pins and slots at its base ends, means for locking said side wall in its closed or vertical position, and means for supporting the same in an inclined open horizontal position.

4. In a safety card record, a filing drawer provided with a pivoted side and a card retaining rod in close proximity to said pivoted side, and a plurality of cards mounted on said guide rod by means of horizontally extending guide slots terminating in slot extensions at opposite sides of said cards.

5. In a safety card record, a filing drawer provided with a pivoted side wall, a card retaining guide rod locked within said filing drawer and extending in proximity to the pivoted side of said side wall, and a plurality of cards mounted on said guide rod and provided with horizontally extending slotted base portions terminating in slot extensions at the sides of said cards.

6. A safety card record, comprising a file case provided with a pivotally connected side wall, means for supporting the latter in its closed and open positions, a card retaining guide rod, and a plurality of cards provided with guide slot base portions operable on said guide rod whereby said cards may be withdrawn and laid down upon said pivoted side wall when open to receive notations thereon.

7. A safety card record, comprising a filing drawer provided with a side pivotally connected near its bottom, means for supporting said side in vertical and shelf forming positions, a card retaining rod mounted in said filing drawer near the pivoted portion of said side, and a plurality of cards each provided with a slotted base portion operable on said guide rod whereby the card may be withdrawn and laid down upon said side when the latter is in its horizontal position.

8. A safety card record, comprising a filing drawer provided with a side pivotally connected near the bottom of said drawer, means for supporting said side in its vertical or closed position and in its open or shelf forming position, a card retaining guide rod removably mounted in said filing drawer parallel with and in close proximity to the pivoted portion of said side wall, and a plurality of cards provided with horizontally slotted base portions operable on said guide rod and provided with looped extensions whereby the same may be withdrawn and laid down upon said pivoted side wall when in its open position.

9. A safety card record, comprising a filing drawer provided with a side wall pivotally mounted near one edge, means for locking the latter in its vertical or closed position, a card retaining guide rod arranged within said drawer in proximity to the pivoted edge of said side wall, and a plurality of cards mounted on said guide rod and provided with slotted base portions whereby said cards may be withdrawn from said filing drawer in a substantially horizontal direction above said side wall when in open position and rested upon the latter though retained by said guide rod.

In testimony whereof I have affixed my signature in presence of two witnesses.

WILLIAM L. VANCE.

Witnesses:
O. C. BELLMAN,
J. H. SCHEUND.