Dec. 4, 1923. 1,476,662

R. J. WEINACHT

INDEX FILE

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Fig. 1.

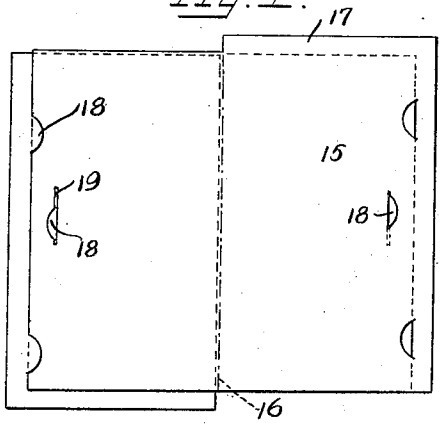


Fig. 2.

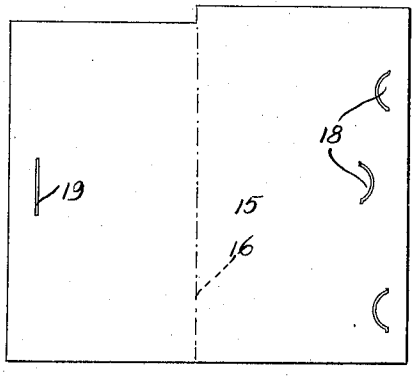


Fig. 3.

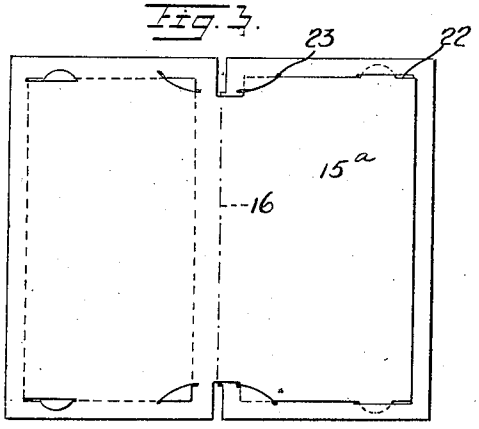


Fig. 4.

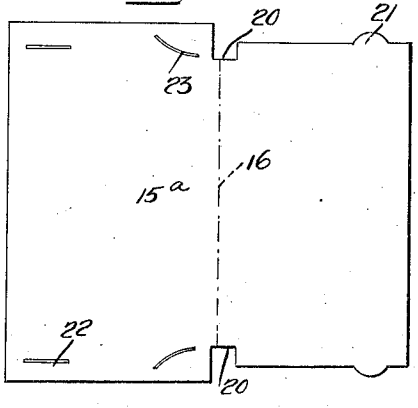


Fig. 5.

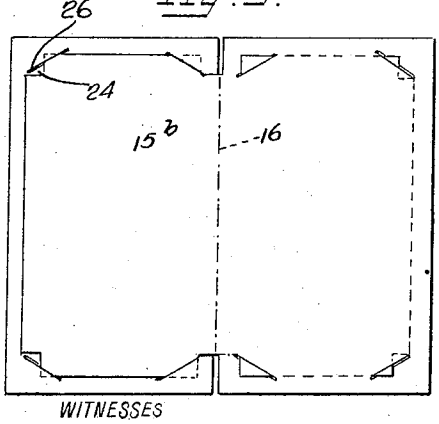
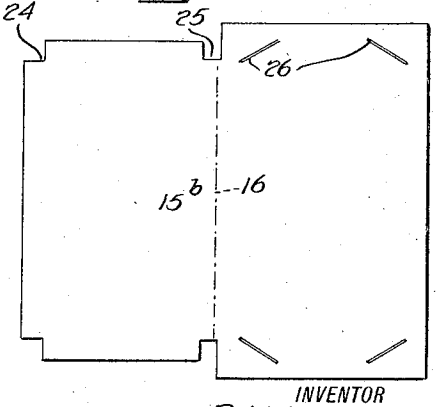


Fig. 6.



WITNESSES

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Fig. 7.

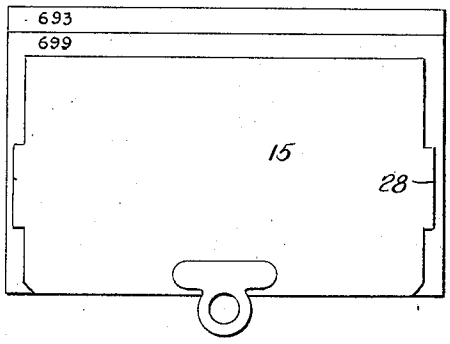


Fig. 8.

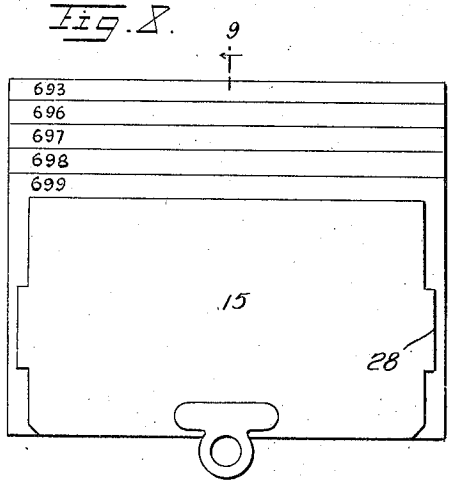


Fig. 9.

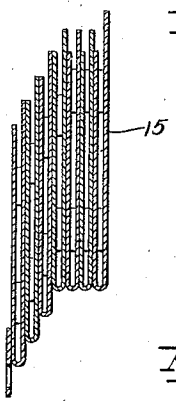


Fig. 10.

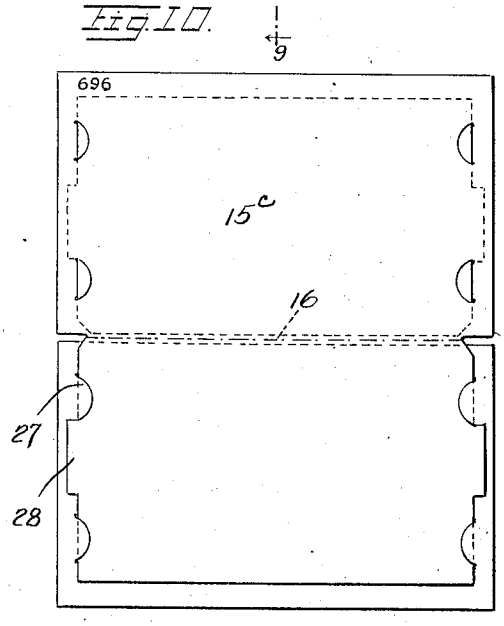
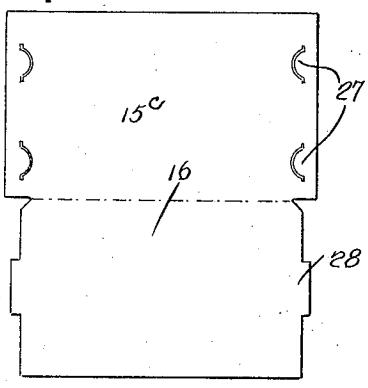


Fig. 11.



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Patented Dec. 4, 1923. 1,476,662

UNITED STATES PATENT OFFICE.

RUDOLF JOSEPH WEINACHT, OF NEW YORK, N. Y.

INDEX FILE.

Application filed June 8, 1921. Serial No. 475,920.

To all whom it may concern:

Be it known that I, RUDOLF J. WEINACHT, a citizen of the United States, and resident of the city of New York, borough of Manhattan, county of New York, and State of New York, have invented a new and Improved Index File, of which the following is a full, clear, and exact description.

My invention relates to an index file and aims to provide certain new and useful improvements in connection with a device of this character, as heretofore placed upon the market.

More particularly my present invention relates to the construction of an index file particularly adapted for use, such as would be suitable for salesmen, etc.

An object of my invention is the construction of a device of the character stated which shall be constructed of a number of sheets adapted to receive data, said sheets being preferably detachably secured to each other, and being capable of manipulation in such a manner as to permit the card or sheet which is to be used at any particular time appearing paramount above those sheets or cards with which it is associated.

A further object of my invention is the construction of an index file which shall embody the foregoing qualities, and which may also be placed upon the market at a nominal figure.

Further objects of my invention will appear in the annexed specification, taken in connection with the drawings, which present practical adaptations of the same, and in which;

Figure 1 shows a plurality of cards or sheets connected together and embodying my improved construction.

Figure 2 is a view of one of these cards.

Figures 3 and 4, and 5 and 6 are views corresponding to Figures 1 and 2, but showing two other slightly different constructions of sheets or cards.

Figure 7 is a front view of still another form of file unit and showing one of the cards arranged so as to be conspicuous.

Figure 8 is a view similar to Figure 7 but showing a number of cards to be extended, to be visible.

Figure 9 is a transverse sectional view taken along the line 9—9 and in the direction of the arrows indicated in Figure 8, and Figures 10 and 11 correspond to Figures 1 and 2, but show the modified form of card of Figures 7 to 9.

Referring to all of these views it will be seen that the reference numeral 15, 15^a, 15^b, and 15^c indicates a sheet of any suitable material formed with a line of bending 16, so that two cards are provided, each of which is adapted to receive data, which is to form the subject matter of the completed file, it being noted that the line of bending is to one side of the transverse center line of the leaf 15.

Referring now more particularly to the construction illustrated in Figures 1 and 2 it will be seen that one side of the strip 15 is preferably extended as at 17, and this extended portion receives the identifying numeral, character or title of the subject matter written upon the cards. With a view of securing the cards one to the other to form a file unit, it will be noted reference being had to Figure 1 that one of the cards formed by the leaf 15 is provided with a series of tabs 18, one or more of which extend in opposed relationship to the remainder of the series.

The second card formed by the leaf 15 includes a slot 19, but it is to be noted that this slot is of a width greater than the width of the tab 18 with which it is adapted to co-operate.

The leaves are assembled together, in the manner illustrated in Figure 1, i. e., two of the tabs 18 of one of the card sections of a leaf 15 are brought to overlie the outer edge of the smaller card section of the next leaf, and the opposed tab of the series is extended through the slot 19 of the card which certain of the tabs 18 are overlying. Thus a sidewise movement of the cards with respect to each other is precluded in that those tabs 18 co-operating with the outer edge of the adjoining card will prevent an inward movement of the latter card with respect to the card with which they are associated while the tab 18 co-operating with the slot 19 of this card will prevent an outward movement thereof.

Thus any desired number of these cards may be detachably associated with each other, and the extended portion 17 of each unit will serve to readily identify this unit. Although as aforestated, the cards are prevented from sidewise movement with respect to each other, it will be appreciated that a

longitudinal movement of a card with respect to the one engaged therewith may be accomplished, primarily by virtue of the fact that a sliding contact is established between the outer edge of the first one card and certain of the tabs 18, of the adjoining card, while the slot 19 being larger than the tab 18 with which it cooperates, will also permit of a limited sliding movement of one card with respect to the adjoining card.

In the form illustrated in Figures 3 and 4 it will be seen that a longitudinal movement of one card with respect to the second is prevented but a sidewise movement of such cards may be accomplished. Thus the leaf 15^a is bent as in Figures 1 and 2, but the minor portion of the leaf is formed with recesses 20 in its upper and lower edges, and at points adjacent the line of bending 16, and also tongues 21 are formed on these edges and adjacent the outer ends of the same. The second card of the leaf has slots 22 cut in it, such slots being of a width sufficient to accommodate the tongues 21, and also permitting of a sliding of these tongues longitudinally of the slot as in Figure 3. The corners of the recessed portions 20 of one card co-operate with arcuate slots 23 formed in the corresponding corners of the next adjacent cards, these slots, as in the instance of the slots 22 being also of sufficient length to not alone accommodate the corners of the cards, but also to permit of a sliding of these corners within the slots. Thus again in this form, the cards are retained to provide a file unit, but one or all of the cards may be moved to a point at which they project beyond the next adjacent card so as to render at least the captions visible.

In Figures 5 and 6 the leaf 15^b is bent, and sub-divided into a larger and smaller card, as in the forms illustrated in the preceding figures, but it will be noted that instead of the construction shown in Figures 3 and 4 the smaller card in this case is formed with recesses 24 and 25 in each of its upper and lower edges, while the larger card has slots 26 cut adjacent its corners, each of said slots being arranged at an angle to the side edges of the card, and in opposed relationship to each other, and also being of sufficient width to slidably accommodate the corners provided by the recesses 24 and 25. Thus in this type of card, a sidewise movement of one card with respect to its next adjacent card is permitted and the slots 26 will lock the whole in applied position although this sliding movement is permitted.

Finally in the form illustrated in Figures 10 and 11, it will be seen that the leaf 15^c is again subdivided into cards by bending along the line 16 as in the previous forms. However, in this form it will be noted that one of the cards has tabs 27 formed adjacent its end edges, and that the second card is formed with projecting portions 28 extending from its end edges, said projecting portions being of a width less than the distance existing between the tabs 27.

Thus as in Figure 10 the cards of adjacent leaves may readily be associated with each other by simply bringing the end edges of the smaller card to a point at which the tabs 27 of an adjacent card will overlap the same, and be in slidable engagement therewith, a limited sliding movement of one card with respect to the other being permitted by virtue of the fact that the projecting portion 28 is of a width slightly less than the distance between the tabs 27.

In Figures 7, 8 and 9, a file unit has been shown illustrating the association of leaves of the type illustrated in Figures 10 and 11. It will be seen in figure 7 that one card has been pulled to a point at which its caption edge projects well above the edges of the other cards so that this card is rendered instantly available, while in Figures 8 and 9 a series of cards have been moved with respect to each other to render all of their captions visible above one another. It will be noted that the uppermost leaf 15 of Figs. 7, 8 and 9 is shown as conveniently carrying at its bottom a downwardly projecting eye as illustrated, which may be adhesively or otherwise secured to the front card of such leaf, so as to permit the last-mentioned leaf and all the others slidably connected thereto according to the invention, to be slidably associated with a guide rod (not shown) of the type well known in the art as being withdrawably associated with the bottom of a drawer of a file cabinet or the like, the rod described, of course, being passed through the central circular opening of the eye where the latter projects below the bottom edge of the uppermost leaf.

From the foregoing it will be seen that all of the objects set forth in the preamble of this specification have been accomplished, and it will be appreciated that numerous modifications of structure might readily be resorted to without in the least departing from the scope of my claims; which are—

1. An index file including a plurality of leaves each composed of a plurality of cards of different outline each leaf having a score-line defining a line of fold between the two cards whereby the card of smaller outline may be folded over the card of larger outline, and means for detachably slidingly connecting a card of smaller outline of one leaf to a card of larger outline of another leaf, said means including a plurality of slots in the leaf, said slots incidentally providing edge portions on the leaf auxiliary to the perimetral edge por-

tions of the leaf, said means further including a plurality of tabs integrally carried by the leaf, said slots and tabs being so relatively shaped and disposed that each of said tabs of one leaf may be disposed to slidingly coact with one of the edge portions of the adjoining leaf.

2. An index file including a plurality of leaves each composed of a plurality of cards of different outline, a plurality of tabs forming parts of one of said cards of each leaf, one of said tabs on a card being adapted to slidably engage one edge of another card of the next adjacent leaf, said latter card being formed with a slot, one of said tabs being adapted to extend into said slot.

3. An index file including a plurality of leaves each composed of a plurality of cards of different outline, a plurality of tabs forming parts of one of said cards of each leaf, one of said tabs on a card being adapted to slidably engage one edge of another card of the next adjacent leaf, said latter card being formed with a slot, one of said tabs being adapted to extend into said slot, said slot being of a greater length than the width of said tab.

RUDOLF JOSEPH WEINACHT.