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H. O. ROSS

1,986,015

SECTIONAL INDEX OR RECORD

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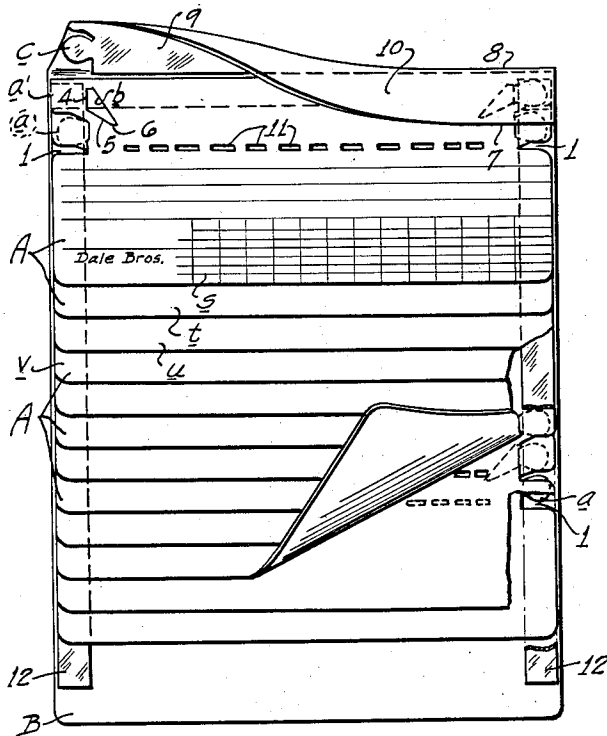


Fig. 1.

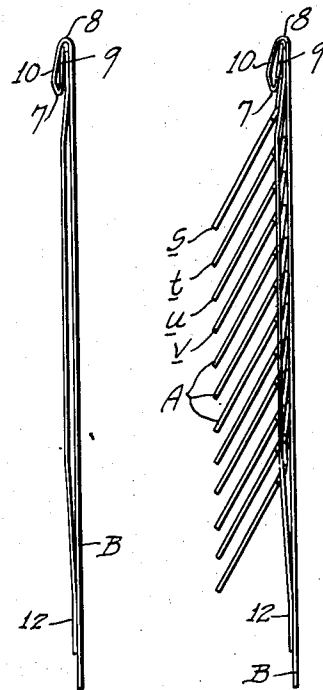


Fig. 5. Fig. 2.

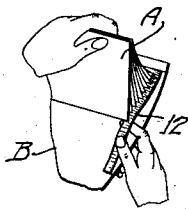


Fig. 6.

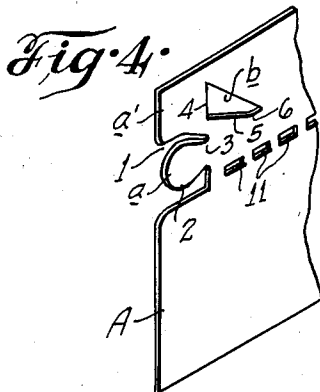


Fig. 4.

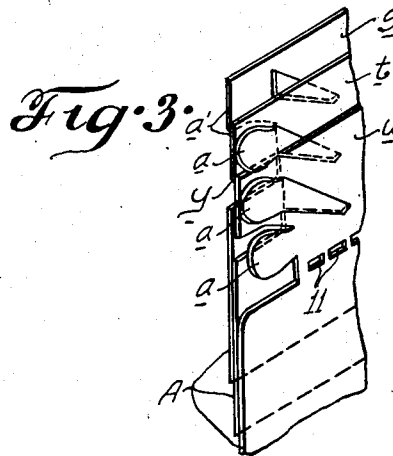


Fig. 3.

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SECTIONAL INDEX OR RECORD

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2 Claims. (Cl. 129—16)

This invention relates generally to indexes, records, lists, and the like and, more particularly, to a certain new and useful improvement in sectional indexes or records of the type that includes a plurality of separate so-called individual or record sections or cards.

My present invention has for its object the improvement of the sectional index or record shown and described in my Letters Patent No. 1,746,286, issued to me February 11, 1930.

And with the above and other objects in view, my present invention resides in the novel features of form, construction, arrangement, and combination of parts hereinafter described and pointed out in the claims.

In the accompanying drawing,—

Figure 1 is a plan view, partly broken away, of a sectional index or record embodying my present invention;

Figure 2 is an edge view of the record or index;

Figure 3 is a rear enlarged perspective view of a plurality of the individual record-sections or cards in interlocked imbricated or overlapping relation;

Figure 4 shows in enlarged perspective a fragment of one of the individual sections or cards;

Figure 5 is an edge view of the backing-sheet or holder with the record sections or cards removed;

Figure 6 is a fragmental perspective view of the index or record, showing the several connected record-sections or cards in hinged bent position while engaged by the retaining strips or straps.

Referring now more in detail and by reference characters to the drawing, A, A, designate the like separate individual record-sections or cards of the index, each of which cards or sections is constructed of some flexible material, such, for instance, as suitable light-weight cardboard, and each of which is of suitable predetermined length and breadth. For purposes of the present description, the length dimension, as I will term it, of each section or card is the distance from one side or so-called vertical edge to the opposite side or vertical edge, and the breadth dimension, as I will term it, of each section or card is the distance from the upper so-called horizontal edge to the lower horizontal edge thereof.

Each of said cards or sections A, as best seen in Figures 1 and 4, is upon its opposite side edges and adjacent its upper edge inwardly cut away or recessed, as at 1, and formed upon the card and lying within the respective recesses 1, is a pair of substantially identical horizontally aligned opposed tenons or tongues a. Preferably the

tongues a bodily project horizontally of the card-section with their free ends presented toward the side edges of the card, and each at a suitable point within its length, as at 2, has a breadth dimension somewhat greater than the breadth dimension of the neck 3 thereof.

Each card or section A, as also seen in Figures 1 and 4, is further formed suitably adjacent its opposite sides or so-called vertical margins with a pair of openings b generally of triangular shape and providing opposed substantially identical obtuse angular slots. The slots or openings b are for the most part disposed more closely adjacent the upper horizontal edge of the card than are the tongues a, and each of said slots or openings at its vertically disposed wall 4 substantially aligns with, and has a breadth dimension approximately equal to the breadth dimension of, the tongue-neck 3. It will be noted that the lower wall 5 of each slot trends obliquely inwardly and downwardly to a point, as at 6, somewhat below the horizontal plane of the upper end of the tongue-neck 3, the slots or openings b of each respective card being also horizontally aligned relatively thereof.

In now initially assembling a plurality of the sections or cards A in index or record formation, a pair of the cards, as, for instance, cards s and t, best seen in Figure 3, are disposed in approximately flatwise superposed relation, the one card s suitably bodily flexed, and its tongues a inserted endwise within the openings or slots b of the second card t. A third card u is then disposed substantially flatwise under the second card t, and the tongues a of the second card t inserted endwise within the openings or slots b of the third card u, and so on throughout the series of any desired number of the cards. As so inserted, the tongues a of the first card s will be partly over the upper marginal edge portion y of the third card and the tongues a of the second card t will be partly over the upper marginal edge portion y of a fourth card v, and with the several cards so disposed in overlapping relation, it will be noted that the second card t at its upper marginal edge-portion y lies partly under and to the rear of the inclined wall 5 of the slots b of the upper card s, and that the third card u similarly partly underlies the slots or openings b of the second card t, and so on throughout the series. With the several cards so arranged and connected, they are, as will be noted, disposed in an imbricated or overlapping series with a portion of each respective card exposed and visible and with each card partly underlying and re-

stricting the dimensions of the slots or openings *b* of the card in front thereof. The so inserted tongues *a* of the uppermost or first card and the upper marginal edge portion *y* of the third card *u* are now so relatively flexed as to dispose such marginal edge portion of the third card *u* over or in front of breadthwise extended or enlarged portions 2 of the tongues *a* of the first card *s*, or, reversely, such extended portions 2 of the tongues *a* of the first card *s* are disposed under or to the rear of the marginal edge portion *y* of the third card *u*, as indicated in Figure 3. With the tongues *a* of the first card *s* so engaged with the third card *u*, and the second card *t* similarly engaged with a fourth card, the several described cards are, as will be seen, detachably secured together in slot-restricting relation. The several cards are thus interlocked in an imbricated or overlapping series and present, with a portion of each card exposed, a substantially continuous, though sectional, sheet for the recording or indexing of names, information, data, and the like.

In a similar manner, a fifth card may be disposed under the fourth card and interlocked at its inserted tongues *a* with the marginal edge portion of the next alternate card thereabove, and in such manner and by additional individual cards or sections, the index or record may be extended and enlarged to meet any particular requirements.

Preferably to facilitate the handling of the connected or interlocked cards *A* and their insertion in a file, desk-drawer, or the like, I provide a holder comprising a backing-sheet *B* of relatively heavy paper-board or light sheet-metal provided or formed upon its opposite side edges and adjacent its upper margin with a pair of tongues *c* substantially identical with the card-tongues *a*. The sheet *B*, preferably scored, as at 7, 8 is folded along the scoring 7 and thereby provided with the tongue-bearing end-flap 9. The sheet *B* is then folded along the scoring 8 and thereby provided with a second or intermediate flap 10, and the two flaps 9 and 10 are then manipulated to dispose the tongue-bearing flap 9 under or within the second flap 10, as shown. The uppermost card *s* is then engaged at its openings or slots *b* with the tongues *c* of the flap 9, the tongues *c* interlocked with marginal edge-portion of the second card, and the entire series of cards thereby secured flatwise to and upon the sheet *B*, as shown in Figure 1.

Preferably each card *A* is provided on a line in approximately the horizontal plane of the lower wall of its side-recess 1 with a transverse series of cut-outs, slits, or slots 11, whereby the one card may be conveniently hingedly bent or folded to expose its rear surface, as well as also the front surface of the next card *A*, for the convenient reception of written matter and the like.

It will be evident that by disengaging the upper marginal portion *y* of a respective card from the tongues *a* of the next second adjacent section or card, one or more of the individual sections or cards may be readily removed and replaced substantially at any point in the connected series, and additions and eliminations in the index or record thus quickly accomplished, the record or index being so broken at any desired point and again connected.

Normally and as connected to and supported upon the backing *B*, portions only of the several

cards *A* are exposed and visible, but by hingedly bending the cards *A* along the line of the cut-outs or slots 11 or otherwise suitably flexing the respective connected cards, substantially the entire front surface area, as well as also substantially the entire rear surface area, of each card may be presented for the convenient entry of matters pertinent to the particular record.

Adhesively or otherwise fixed preferably at their respective opposite ends only to the backing-sheet or holder *B* and extending flatwise relatively to and over the upper face of the sheet *B* adjacent its opposite side margins, as best seen in Figure 1, are longitudinal card-engagable flexible straps 12 preferably constructed of material like or similar to that of the sheet *B*. By suitable relative manipulation of the cards or sections *A* and the straps 12, sections *A* are suitably engaged, substantially as shown, with the straps 12 to thereby dispose the straps 12 over their connected tongues *a* and corner-portions *a'*. The connected series of cards or sections *A* is thus substantially throughout its length retained in marginal engagement with the holder *B*. The several sections or cards *A* are thereby retained in approximately flatwise disposition upon the back or holder *B* and, at the same time, the connected sections or cards *A* and holder *B* are held from relative sidewise movement when turned on edge, whereby the placement and withdrawal of an index or card within or from a file, drawer, or the like, is greatly facilitated.

And it is to be understood that other changes and modifications in the form, construction, arrangement, and combination of the several parts of my new sectional record or index may be made and substituted for those herein shown and described without departing from the nature and principle of my invention.

Having thus described my invention what I claim and desire to secure by Letters Patent is,—

1. In a sectional record, a plurality of sections connected together in a flexible imbricated series, one or more of said sections being provided with a marginal recess, in combination with a back connected at an end with the upper end section of the series, and a strap fixed at its opposite ends only to the back and extending longitudinally along a side margin of the back for engagement intermediate its fixed ends with one of the sections at its said recess and the strap then overlying a respective side marginal portion of some, and underlying a respective side marginal portion of the remainder, of the sections of the series for retaining the series from lateral movement relatively to the back.

2. In a sectional record, a series of sections connected together in a flexible imbricated series, one or more of said sections being provided with opposed marginal recesses, in combination with a back connected at an end with the upper end section of the series, and a pair of straps fixed at their respective ends only to, and extending longitudinally along the opposite side margins of, the back for engagement with respective sections at their said recesses and the respective straps then overlying the opposite side marginal portions of some, and underlying the opposite side marginal portions of the remainder, of the sections of the series for retaining the series from lateral movement relatively to the back.

HERBERT O. ROSS.