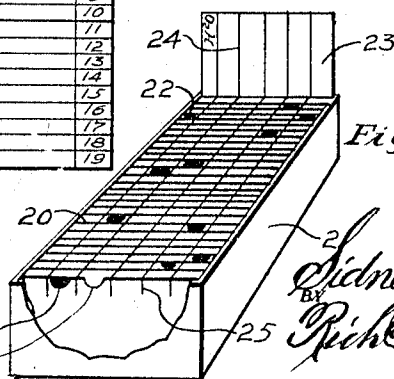
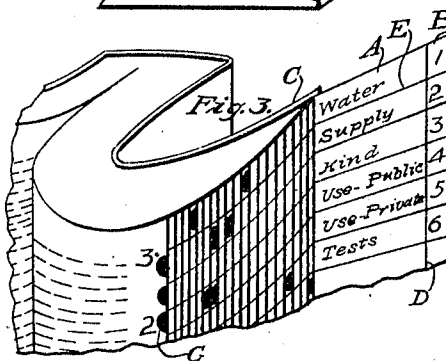
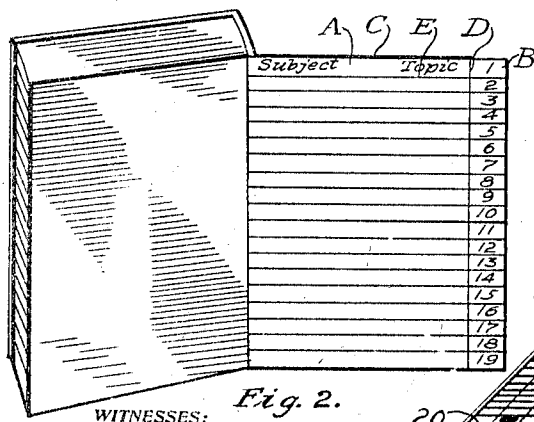
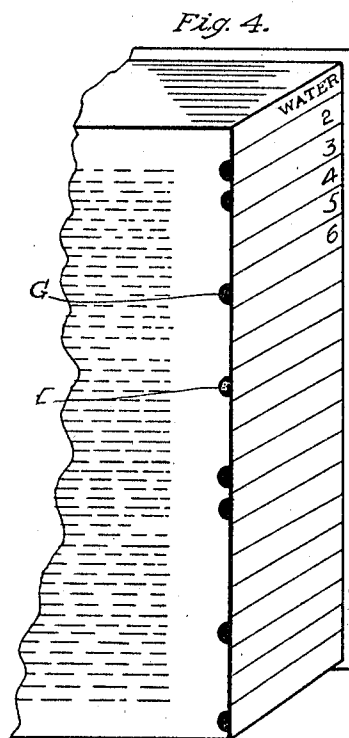
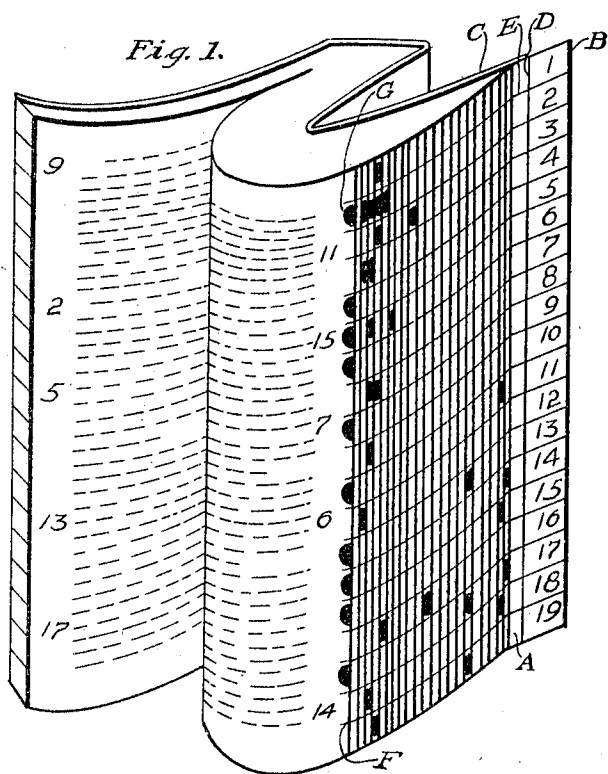


S. J. HARE.
 SYNCHRONICAL INDICATOR OR INDEX FOR BOOKS, CARD SYSTEMS, AND RECORDS.
 APPLICATION FILED JUNE 5, 1909.

1,026,804.

Patented May 21, 1912.



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SYNCHRONICAL INDICATOR OR INDEX FOR BOOKS, CARD SYSTEMS, AND RECORDS.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, SIDNEY J. HARE, a citizen of the United States of America, residing at Kansas City, in the county of Jackson and State of Missouri, have invented a certain new and Improved Synchronical Indicator or Index for Books, Card Systems, and Records; and I do hereby declare that the following is a full, clear, and exact description of the invention, reference being had to the accompanying drawing, forming a part of this specification.

The objects of the invention are: First, to place in instant correlation and view the general subject and topic upon an index leaf or leaves with the topical subjects and phrases thereof interspersed throughout the pages of a book. Second, to designate the topical subjects upon each and every page where found in a book. Third, the indication of the general and topical subjects and sub-divisions thereof, through the medium of devices, signs and symbols associated synthetically, or by concurrence with the principal subject.

Referring to the drawings: Figure 1. illustrates the invention applied to a book, and the foldable extension index, a portion of the leaves of the book being bent backwardly upon themselves, to show the marginal indicators and indices. Fig. 2. is a view of the foldable extension index leaf upon the cover of the book, with the spaced subdivisions for the indicator topics and indices. Fig. 3 is a view of a portion of the bent leaves of the book, and index illustrating an example of the invention applied to the book. Fig. 4 is a view of a portion of a book with one cover removed, showing a modification of the invention. Fig. 5. is a view of a series of reference cards in book form, showing the invention applied thereto.

The index to the book is prepared as seen and printed upon a leaf A, preferably bound with the other leaves in the back of the book, with an extended portion B, extending a short distance beyond the line of the longitudinal edges of the cover C, of said book, which as shown is flexible. Upon the outer portion of the index page A is a crease D, extending the length of the page, and upon a line with the cut margin of the leaves of the book. Upon the line of crease D the portion B, of the index leaf A, is folded inwardly. Upon the face of the index leaf A

are the horizontal lines E, in vertical series, and upon the face of each leaf at the edge, are short horizontal lines F, horizontally in line with the lines E, on the index page. These lines are spaced apart for the adequate nomenclature of the general subject of a book, as seen in Fig. 3, as well as for the topical subdivision of the subject matter, and appear when the book is closed upon the cut margin of the leaves as lines leading to the lines of the index page. These lines are spaced apart for adequately dividing the nomenclature of the general subject of a book, as seen in Fig. 2, as well as for the topical sub-division of the subject matter.

In order to indicate the topical subjects upon the inner surface of the margin of the leaves of the book, are affixed the semi-circular wafers or indicators G, which are of a color sufficiently distinguishable from the pages of the book, and shown black for illustration. Another manner convenient in the printing of a book is to affix the wafer indicators chromatically in the printing process, at such places as will indicate the subject corresponding with divisional subdivisions on the index leaf, and within the spaces between the horizontal lines F, as they appear upon the margin of the leaves of the book. As illustrated in Fig. 1, the numeral 1, on the extended portion B, of the index leaf indicates, for example, the general subject treated upon the pages of the book, and the numeral 2, on said extended portion of the index leaf to and including the numeral 19, at the bottom of the leaf, indicate topical subdivisions of the general subject 1. In line, therefore, with the numeral 2, of the index, are shown the series of marginal indicators G, upon the consecutive pages upon which the topic is treated, and in accordance with the particular topic of which the numeral 2 may stand for, the other numerals indicating the topics upon the same subject, and varying relatively from each other.

Upon the index page of the book as seen in Fig. 1 opposite the topical subject is to be seen the figure 2. Parallel with this figure 2 on the page or pages of the book is seen the marginal markers indicated by the letter G, which indicates the place or places in the book where the topical subject is treated. On the opposite page is to be seen the figure 2 marking the beginning of the paragraph where the same subject *i. e.*, "Supply" is

treated. In the same manner the character 6 opposite the topical subject "Test" on the index page and parallel with the numeral 6, is a marginal marker and on the same page is found the character 6 indicating the place on the page where the like topical subject is treated. In the same manner the characters 9—5—13 and 17 on the same page and the characters 11—15—7—6 and 14 on the right hand page mark the places where other topical subjects appear as found on the index page and also marked by the marginal marker on this page.

In order, therefore, to employ the invention, the book being closed, the back cover is first opened, displaying the general index, and the margin B, of the index page, unfolded and extended outwardly in position. The book is now opened to the pages, inclusive, of the number of indicators G, and the topical subject matter in direct line with the topic on the margin B, of the index, and the outer portions of the leaves of the book, and back cover C, which is shown flexible, are bent or doubled backwardly toward the inner portion of the leaves and back C, exposing the indicators upon the various pages to the topic indicated upon the margin B, of the index, and the topics throughout the book correlated or registering with those upon the margin of the index are readily found.

In further illustration of the invention, in Fig. 3 the subject assumed to be treated upon is as shown a treatise upon "Water", under which is given the sub-divisions incidentally, "Water supply", symbolized by the numeral 2, "Kind," symbolized by the numeral 3, "Use, public", symbolized by the numeral 4, "Use, private," symbolized by the numeral 5, and "Tests," symbolized by the numeral 6. From these sub-divisions the marginal indicators are readily found upon bending backwardly the leaves, and thereby bringing into view the sub-divisions of the topic, as they appear upon the under page, and of the corresponding marginal indicators, it being observed that upon the face of the pages of the book, where the topics are treated generally, the indicators G are affixed, and consecutively upon all the pages correlated with the like topics on the index page. Take, for instance, the subdivision "Kind of water," as indicated, the main subject "Water," being symbolized by the numeral 1, and the topic which is "Kind," being symbolized by the numeral 3. Upon the page of the book where the topic is the "Supply of water," the "Kind of water" the numerals 2 and 3 appear indicating the topics the "Supply" and "Kind" of water, and again referred to upon the corresponding pages (see Fig. 3), and in the paragraph opposite which the numerals 2 and 3 appear, thus affording a ready refer-

ence to the topical index, and these ready references may be as numerous as occasion requires. Whenever the index page is not required, and upon large tomes the lines are made upon the cut margin of the pages of the leaves of the book, as seen in Fig. 4, and spaced apart the required distance, the lines extending transversely to the book, or from cover to cover. The original indicators are placed upon the pages of the book in Fig. 4, in like manner as seen in Fig. 1. In Fig. 4, upon the marginal indicators, are affixed at H, in any suitable manner a character B, indicating thereby that another topical subject is treated of in the same paragraph other than the topical subject indicated by the marginal marker and included in the topical subjects on the extended portion B of the index page, thus making the occurrence observable at once with the topic indicated by the sign symbol upon the margin of the pages of the book.

I have shown in Fig. 1 the covers of the book flexible, but the invention may be applied to any book with rigid covers.

The invention is applicable to single cards assembled synthetically in book form, and upon which are printed the subject matter, such as library card catalogues of books, digests and various subject matter.

The cards 20 are arranged for convenient reference as shown in Fig. 5, within the sides of a box 21. To the face and margin of these cards are affixed the marginal indicators 22, as in Fig. 1, and an index card 23, placed in the end of the box, the upper end of the card extending a suitable distance above the line of the upper portions of the cards 20, upon the face of which upper end of the index cards are affixed the vertical lines 24, spaced apart, and in the spaces between said lines are printed or affixed the topics applicable to the subject matter upon the cards. Upon the upper margin of the cards the lines 25 are placed, extending vertically in direction and spaced apart a corresponding distance to the line 24, on the index card, the lines upon the cards in series appearing as straight lines leading to the lines of the index card. Upon these cards 20 may be placed cross references, sign or word symbols, as indicated in Figs. 1 and 4. In place of the marginal indicators 22, I may make notches in the margins of the cards, as seen at 26, in Fig. 5.

Instead of the written word "Water," as in Fig. 3, the word "Water" may be indicated by the usual sign symbol H_2O , as in Fig. 5, and symbols may be employed in like manner for cross references of like significance.

I am aware that indexes have been made with lines on the cut edges of the leaves indicating only one page where a subject begins. Also that there have been subject in-

dexes with extended "stickers" which are always in view but not applicable to library books.

5 I am also aware that there have been indexes printed on the margin of each page which have no relation to my invention, and that extended index leaves are in general use.

10 The invention is applicable to catalogues, records of various kinds, and may be applied to indicate assorted matter, such as type in type cases, and other analogous assortment of material.

15 Such other modifications may be employed as are within the scope of the invention.

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

20 1. In an indicator for books the combination with the index consisting of principal and topical subjects located on the index

leaf of marginal markers printed upon the margin and face of the leaves and parallel with the subject on the index leaf, and also located opposite thereto and related thereto. 25

2. In a book, the combination with an index leaf having an extended portion extending beyond the cut edges of the leaves of the book having the principal and topical subjects printed on the extended portion of the index leaf and marginal markers printed upon the margin of the face of the leaves set parallel with the subjects on the index leaf and located opposite thereto and related thereto, said marginal markers being brought into view when the leaves are bent backwardly, thereby indicating instantly every page upon which any individual subject is treated. 30 35

SIDNEY J. HARE.

Witnesses:

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