

(No Model.)

W. D. KERR.
INDEX FOR BOOKS.

2 Sheets—Sheet 1.

No. 582,130.

Patented May 4, 1897.

Fig. 1.

Fig. 1 is a perspective view of a book index. The index is a rectangular block with a cover (A) and a spine (B). The cover is divided into a grid of columns and rows. The columns are labeled with letters and numbers: 7, Remarks, Application, Commodity, No. of, Tariff or Schedule, and Tariff. The rows are labeled with letters: G/H, I/J, K/L, M/N, O/P, Q/R, S/T, U/V, W/X, Y/Z, and a section for Numerical Index (1-275) and Schedule (1-275). The index is shown with a book (1) placed on top of it. The book has a cover (A) and a spine (B). The book is open to a page showing a table with columns for Tariff or Schedule, No. of, Commodity, Application, and Remarks. The table contains entries for Tariff 5663, Commodity Grain & L., Application From N.Y. to New Orleans, and Remarks. The index is shown with a book (1) placed on top of it. The book has a cover (A) and a spine (B). The book is open to a page showing a table with columns for Tariff or Schedule, No. of, Commodity, Application, and Remarks. The table contains entries for Tariff 5663, Commodity Grain & L., Application From N.Y. to New Orleans, and Remarks.

Fig. 2.

Fig. 2 is a perspective view of a book index. The index is a rectangular block with a cover (A) and a spine (B). The cover is divided into a grid of columns and rows. The columns are labeled with letters and numbers: 63, Tariff No 56, APPLYING ON, GRAIN, CAR LOADS, FROM, ALL M.K. & T. STATIONS, TO, NEW ORLEANS, EFFECTIVE APRIL 12, 1896, 31 cents PER 100 POUNDS, and a section for Numerical Index (1-275) and Schedule (1-275). The rows are labeled with letters: G/H, I/J, K/L, M/N, O/P, Q/R, S/T, U/V, W/X, Y/Z, and a section for Numerical Index (1-275) and Schedule (1-275). The index is shown with a book (1) placed on top of it. The book has a cover (A) and a spine (B). The book is open to a page showing a table with columns for Tariff or Schedule, No. of, Commodity, Application, and Remarks. The table contains entries for Tariff 5663, Commodity Grain & L., Application From N.Y. to New Orleans, and Remarks.

Witnesses:
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William B. Wright

Inventor:
Warren D. Kerr
By Edward S. Duval
his Atty.

No. 582,130.

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Fig. 4.

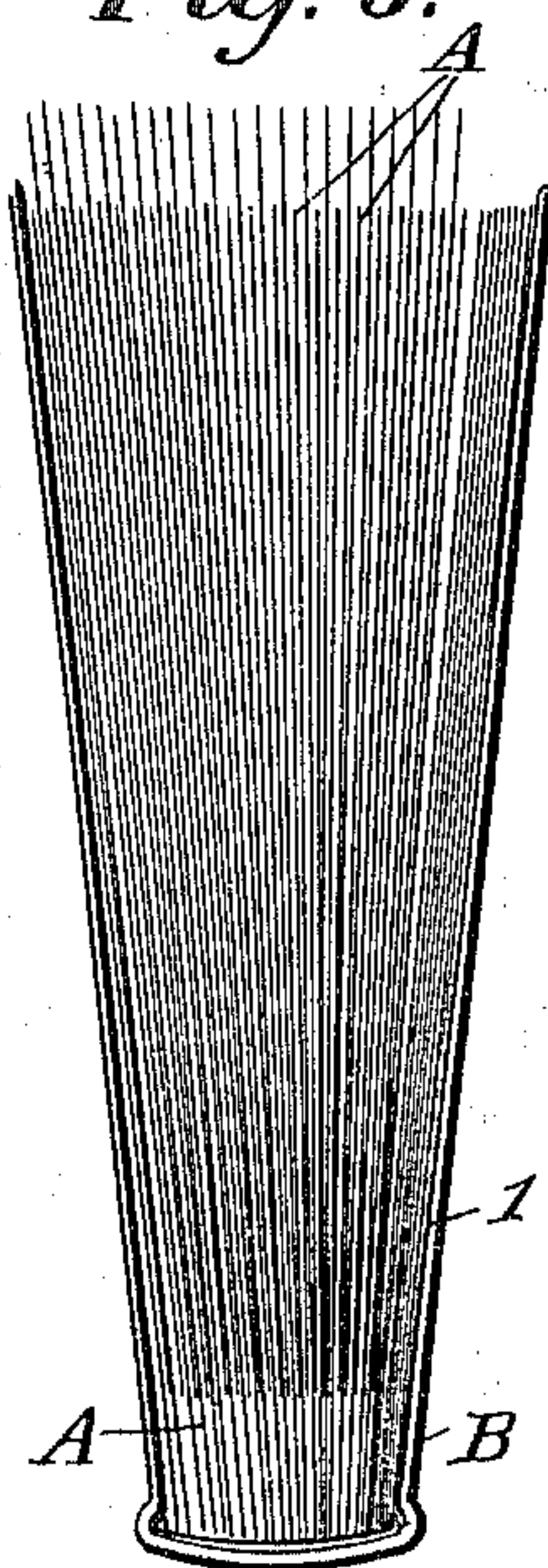
Division or Percent Sheet No.		From or Between	Commodity	Remarks
1	99	C.R. & P. & S. & S. & S.	All business	
4	107	N. & R. & S. & W. & T.	All traffic	

C/D
 E/F
 G/H
 I/J
 K/L
 M/N
 O/P
 Q/R
 S/T
 U/V
 W/X
 Y/Z

INSTRUCTIONS
 Run 25
 to 2500
 Schedule
 1-215

[illegible]

Fig. 6.



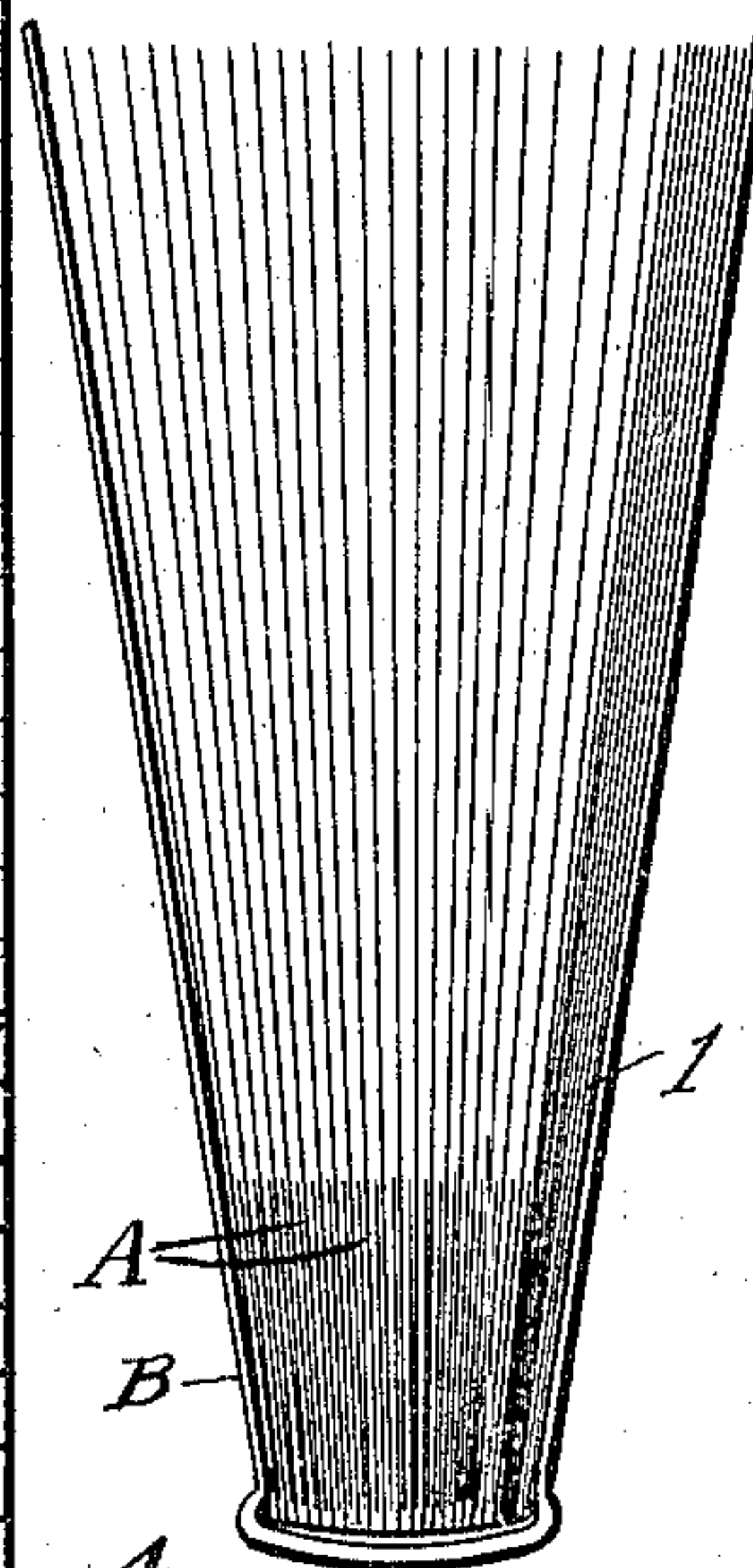
Witnesses.

⁴Fig. 5.

TARIFF NUMBERS		16-25	26-50	51-75	76-100	101-125	126-150	151-175	176-200	201-225	226-250	251-275	1999
Reference Numbers	1st Page	T	P	T	P	T	P	T	P	T	P	T	P
				54	79	79	83						
				56	63								
				33	77			43	55				
						87	93						
		13	73	63	81								
		16	65			67	59						
						69	87						
						72	57						
		23	69			73	89						
				44	97								
						75	95						

NUMERICAL
INDEX
1-275
A/B
C/D
E/F
G/H
I/J
K/L
M/N
O/P
Q/R
S/T
U/V
W/X
Y/Z
 INDEXED
SERIAL 75
1-275
SCHEDULES
1-275

Fig. 7.



Inventor.

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By

Edward S. Duvalley
Atty. Gen.

F. M. Ceston
William H. Wright

UNITED STATES PATENT OFFICE.

WARREN DUNLOP KERR, OF HENRIETTA, TEXAS.

INDEX FOR BOOKS.

SPECIFICATION forming part of Letters Patent No. 582,130, dated May 4, 1897.

Application filed September 25, 1896. Serial No. 606,986. (No model.)

To all whom it may concern:

Be it known that I, WARREN DUNLOP KERR, a citizen of the United States, residing at Henrietta, in the county of Clay and State of Texas, have invented certain new and useful Improvements in Indexes for Books; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in indexes for books which receive the freight tariffs or schedules of railroads and the agreements between one road and others as to division of freight charges where the traffic is handled by more than one.

The object of the invention is to provide an index for such books by which the rateman may readily turn to the tariff on any commodity or the divisions in force between any points, thus effecting a great saving in time and labor.

The invention consists, essentially, of a novel-ly-constructed rate-book having a plurality of leaves removably secured therein and grouped in series, each series being alphabetically arranged according to the data borne thereby, and indexes therefor situated in the front part of the book so arranged that the index for each series of removable leaves in the book may be quickly located and reference had to the proper alphabetical tab in the index relating to the desired series of leaves, and also to have all of the alphabetically-marked tabs in the same vertical line.

In the accompanying drawings, Figure 1 is a view of the index relating to tariffs or schedules, the cover being opened at this point. Fig. 2 is a view showing one of the entered tariffs. Fig. 3 is a view of the index relating to division-sheets. Fig. 4 is a view of one of the entered division-sheets. Fig. 5 is a view of the numerical index for tariffs. Fig. 6 is a top plan view of the book partly open to show the preferred construction of the book after the indexes. Fig. 7 is a top plan view of the modified form of book.

In constructing the rate-book I employ a series of leaves A, permanently secured in a back B after the usual manner, which said leaves, for the purposes of this invention, may be of any width from that of an ordinary stub

leaf to a full leaf, the latter being preferable. These leaves are prefaced by indexes, which form a part of the book and whose construction and arrangement will fully appear from description to follow. Between the leaves, back of the index part, other leaves may be inserted, to be retained temporarily or to be superseded by others, and to this end it is desirable that they shall not be permanently affixed thereto. The permanent leaves act as clamps to preserve alinement of the removable leaves in the book and the general appearance of a book with permanently-bound leaves. Otherwise the constant turning of the leaves when the book is referred to would disarrange the removable leaves. These leaves will also be more particularly referred to hereinafter.

Referring particularly to the index part, 1 designates one of the leaves of the index, which receives the commodities in alphabetical order. These sheets are provided with tabs at the right edge, on which are one or more letters of the alphabet, and these, when bound together in book form, are arranged in alphabetical order. These tabs extend in a vertical line approximately to midway the upper and lower edges of the book. While there may be one tab for each page, this is not necessarily so, and one tab may be used for several pages where the commodities embraced by that letter of the alphabet are numerous. These sheets are divided into columns by means of vertical lines and are printed with the words "Tariff or Schedule," "Number," "Page," "Commodity," "Application," and "Remarks," although this latter is not necessary and may be dispensed with. In this part of the index the commodities usually transported between given points are entered in their appropriate columns on the pages set apart for them and indicated by the letters on the tabs. All of the commodities thus indexed are covered by tariffs or schedules, which said tariffs or schedules, as hereinafter described, are printed upon leaves and provided with a page-number, and are adapted to be inserted in the proper place in the book between two permanent leaves back of the index.

The numeral 2 designates index-sheets similarly divided into columns, arranged in

alphabetical order and marked like "Division or per cent. sheet," "Number," "Page," "From or between," "Commodity," and "Remarks." The difference between this part of the index and the first described is that it is designed for reference to divisions of freight charges instead of reference to tariffs or schedules in force. These apportionments or divisions are those in force between a certain railway company and other companies and relate to the commodities received from said other companies for transportation by this railway company as agent to points in the territory covered by its lines. In this part of the index the letters carried by the tabs at the right indicate the alphabetical arrangement of the railway companies instead of the commodities. The said letters on the tabs begin with A, visibly separated from the last letter of the first-described index by the insertion therebetween of a single index-page and tab hereinafter described, and extend from midway between the upper and lower edges of the book nearly to the bottom. Such visible partition makes ready reference possible and accurate. When it is desirable to learn the division of charges in force between a given company and any other and the commodities covered by the agreement, the tab bearing the letter of the alphabet under which the company will be classified will indicate the page where further reference thereto is had. Here will be found the number of the division-sheet and the number of the page of the book where it is inserted. By turning to this the sheet itself will be found. In the column marked "Commodity" in the division-sheet index articles affected by the division agreement will be found, but the statement of the division itself—that is, the apportionment of the freight charges to the companies according to service—will be found in the division-sheet itself between the leaves in the book.

The numeral 3 designates the numerical index for the tariffs—an aid to revising clerks—which is interposed between the tariff or schedule index sheets and the division-sheet index-pages. The marked tab for this index occurs between the tabs of the two indexes above described, in the separation mentioned, and constitutes the visual indicator of the independence of the two-named indexes. This index is ruled or divided into columns by means of vertical lines, at the top of which are arranged numbers corresponding with the number of tariffs estimated to be inserted in the book and also with the words "Tariff" and "Page." There is also a numerical index-sheet 4, referring to the division-sheets, also divided into columns by vertical lines and differing from the numerical index for the tariffs only in the marking "D/S" and "Page" instead of "Tariff" and "Page," the mark "D/S" meaning division-sheet.

Numerical index 5 is used in connection with the schedules. Schedules are in a manner the same as tariffs, but as they bear a

different series of numbers from those borne by tariff-sheets they necessitate a separate numerical index, although the schedules are indexed in the same alphabetical index with the tariffs. Both of the indexes 4 and 5 with their tabs are placed after the index for the division-sheets.

The manner of using the index is as follows: When a tariff or schedule is received, it is inserted in the book and the name of the article or commodity is inserted in the index under the proper letter of the alphabet and the page on which it can be found, together with the number of the tariff or schedule in the proper columns. The points between which said tariff or schedule is in force are also entered under the heading "Application." The page and number of the schedule are also inserted in the proper columns of the numerical sheet, or if it be a tariff, in the columns of the numerical sheet or index for tariffs.

If a division-sheet be received instead of a tariff or schedule, it is inserted between the leaves in the back of the book and then indexed in the division-sheet index similarly to the previous indexing, but according to railway companies instead of commodities, as hereinbefore fully described.

In the case of a tariff being received suppose the commodity is "grain," with a certain tariff in force to points on the M., K. & T. R. R. as far as New Orleans and the number of the tariff is, say, "56." The tariff-sheet is inserted between the leaves "62" and "63" of the book, to the front of which is the index. The word "grain" is then written in the proper page and column of the index and the number "56" of the tariff and the number "63" of the page are inserted in the proper columns, as shown in Fig. 1. The points between which said tariff applies are then entered under "Application." The number of the tariff and the page are inserted in the numerical index, as shown in Fig. 5.

Where the book is liable to be too bulky by reason of the insertion of removable leaves of great thickness, the leaves back of the index may be modified by reducing them to sufficient width to firmly retain the removable leaves and binding these and the indexes in the back B. With the leaves A, stubs in width, considerable bulk is avoided.

The numbers of the tariffs and schedules and the page-numbers are preferably inserted by pencil, so that they may be changed when desired.

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

1. A non-removable and permanent index for books, consisting of a number of suitably-headed sheets, arranged in series to correspond with series of leaves in the book proper, and each series provided with tabs or extensions arranged in a vertical line, marked with the letters of the alphabet, in their proper

order, and visibly separated midway between the upper and lower edges of the book to indicate more clearly the division of the index into series, and application thereof to separate subjects-matter; and an auxiliary index-page for each series of leaves in the book proper, whereby they may be indexed numerically, substantially as described.

2. A railroad rate-book comprising a plurality of leaves removably secured therein and grouped in series, each series being alphabetically arranged according to the data borne thereby; and a non-removable and permanent index, for the removable leaves, formed with the book and consisting of a number of suitably-headed sheets, arranged in series to correspond with the series of removable

leaves, and each series provided with tabs or extensions arranged in a vertical line, marked with letters of the alphabet, in their proper order, and visibly separated, midway between the upper and lower edges of the book, to indicate more clearly the division of the index into series and application thereof to separate subjects-matter; and an auxiliary index-page for each series of removable leaves whereby they are indexed numerically.

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

WARREN DUNLOP KERR.

Witnesses:

PAUL ANDREWS,
F. L. MILLER.