

(No Model.)

2 Sheets—Sheet 1.

C. C. HALL & A. E. McCHESNEY.  
INDEX.

No. 540,050.

Patented May 28, 1895.

Fig. 1.

SECOND LETTER	THIRD LETTERS	PAGE	TRANS. PAGE
A	A to Z.....	2	
B	ABCD.....	2	
B	EFGHIJK.....	5	
B	LMNOPQ.....	6	
B	RSTUVWY.....	6	
C	ABCDEFGH.....	7	
C	K.....	8	
C	L to Z.....	9	
D	A (Adams).....	10	
D	ABCD.....	15	
D	EFGHIK.....	16	
D	L.....	16	
D	M to Z.....	17	
E	A to Z.....	18	
F	A to Z.....	18	
G	A to Z.....	19	
H	A to K.....	20	
H	L to Z.....	21	
I	A to Z.....	22	
I	A to Z.....	22	
K	A to Z.....	23	
L	AB.....	24	
L	CD.....	26	
L	E.....	27	
L	F G H I J K.....	29	
L	L (Allen).....	30	
L	L.....	36	
L	M N O P Q R S.....	38	
L	T U V W X Y Z.....	39	
M	ABCD.....	40	
M	E.....	41	
M	F to Z.....	43	
N	ABC.....	43	
N	D (Anderson-en).....	44	
N	D (Andrews).....	50	
N	D.....	52	
N	E F G H I.....	53	
N	K L M N O R S.....	54	
N	T U V W X Y Z.....	55	
O	A to Z.....	56	
P	A to Z..... (Ag).....	56	
R	ABC.....	58	
R	D E F G H I J K L.....	59	
R	M.....	60	
R	N.....	64	
R	O P Q R S.....	66	
R	T U V W X Y Z.....	66	
S	ABCDEF G.....	67	
S	H I J K.....	68	
S	L to Z.....	70	
T	A to K.....	71	
T	L to Z.....	73	
U	A to K.....	75	
U	L to Z.....	76	
V	A to Z.....	78	
W	A to Z.....	78	
X	A to Z.....	78	
Y	A to Z.....	79	
Z	A to Z.....	79	
Special		80	

Witnesses.  
Chas. N. Marvin.  
M. M. Borst.

SECOND LETTER	THIRD LETTERS	PAGE	TRANS. PAGE
A	AB.....	81	
A	C.....	82	
A	D E F G H.....	85	
A	I J.....	88	
A	K.....	91	
A	L M.....	96	
A	N O P Q.....	100	
A	R.....	104	
A	S.....	122	
A	T.....	124	
A	U V W.....	128	
A	X Y Z..... (Bd).....	131	
E	AB.....	133	
E	C.....	139	
E	D E F G.....	144	
E	H I J K.....	148	
E	L M.....	150	
E	N O P Q.....	154	
E	R.....	162	
E	S T.....	172	
E	U V W X.....	174	
E	Y Z.....	175	
H	A to Z.....	175	
I	ABC.....	176	
I	DEF.....	177	
I	G H J K L M.....	179	
I	N O P.....	182	
I	R.....	184	
I	S.....	186	
I	T U V W X Y Z.....	188	
J	A to Z.....	188	
L	A.....	189	
L	E I.....	198	
L	O.....	200	
L	U Y..... (Bu).....	202	
O	ABCD.....	204	
O	E F.....	206	
O	G H I J K.....	208	
O	L M.....	210	
O	N.....	212	
O	O P Q.....	215	
O	R.....	217	
O	S T.....	219	
O	U V.....	221	
O	W X.....	223	
O	Y Z.....	228	
R	A.....	232	
R	E.....	246	
R	I.....	254	
R	O (Brown-e).....	260	
R	O.....	274	
R	U.....	284	
R	Y Z..... (Bs).....	288	
U	ABC.....	290	
U	DEF G.....	295	
U	H I J K L M.....	297	
U	N O P Q.....	300	
U	R (Burke).....	301	
U	R (Burns).....	305	
U	R.....	309	
U	S.....	319	
U	T.....	322	
U	v w X Y Z..... (Bw).....	326	
Y	A to Z..... (Bz).....	327	
Special		330	

SECOND LETTER	THIRD LETTERS	PAGE	TRANS. PAGE
A	ABCDEFG.....	331	
A	H I J K.....	333	
A	L.....	335	
A	M (Campbell).....	340	
A	M.....	344	
A	N.....	346	
A	P Q.....	349	
A	R (Carroll).....	350	
A	R.....	353	
A	S.....	368	
A	T U.....	374	
A	V W X Y Z.....	376	
E	A to Z..... (Cd).....	378	
H	A.....	379	
H	E.....	389	
H	I L M O.....	391	
H	R.....	394	
H	U V W Y.....	397	
I	A to Z..... (Ck).....	399	
L	A (Clark-e).....	400	
L	A.....	409	
L	E.....	415	
L	I.....	418	
L	O U Y.....	420	
N	A to Z..... (Cm).....	422	
O	AB.....	423	
O	C.....	426	
O	D E.....	427	
O	F G.....	428	
O	H I J K.....	430	
O	L (Collins).....	434	
O	L.....	438	
O	M.....	446	
O	N.....	448	
O	O (Cook-e).....	462	
O	O.....	466	
O	P Q.....	470	
O	R.....	471	
O	S.....	477	
O	T.....	480	
O	U.....	482	
O	V W.....	485	
O	X.....	487	
O	Y Z.....	489	
R	A.....	491	
R	E I.....	497	
R	O.....	500	
R	U Y.....	510	
S	A to Z..... (Ct).....	510	
U	A to K.....	511	
U	L.....	512	
U	M.....	514	
U	N O P.....	516	
U	R.....	519	
U	S.....	525	
U	T v Y Z.....	527	
W	A to Z..... (Cv).....	529	
Y	A to Z.....	529	
Z	A to Z.....	529	
Special		530	

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INDEX.

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*Fig. 2.*

INDEX TO GRANTORS, COUNTY, 189.									
AB CD	E F G H	I J	K L M N O P	Q R S T U V W X Y Z	SECOND INITIAL	GRANTOR	GRANTEE	VOL.	PAGE
	George				W.	Blake	C. A. Clark	8	62
Alfred					R.	Blair	A. B. Jones	8	196
		John			D.	Blakesley	Geo. W. Bailey	8	212
				Robert		Blair	W. C. Hart & Co	8	260
			Mary		J.	Blade	Henry Blade	9	12
	Frank					Blackman	Wm H. Davis	9	345
Bara						Blanchard	Mary B. Smith	10	116
				William	H.	Blake	Hopkins & Co	10	120
		James			G.	Blaine	G. Leland	10	238
Charles			Peter			Blasdel	Oliver Hyde	10	324
						Blau	John Briggs	12	18
		Joseph			H.	Blackwell	J. G. Reed	12	352

WITNESSES:  
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# UNITED STATES PATENT OFFICE.

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## INDEX.

SPECIFICATION forming part of Letters Patent No. 540,050, dated May 28, 1895.

Application filed May 14, 1894. Serial No. 511,084. (No model.)

*To all whom it may concern:*

Be it known that we, CHARLES C. HALL and ALBERT E. McCHESNEY, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Indexes, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

Our invention relates to indexes, or index tables, which are designed to be used in connection with State, county, or other official records, the books of savings and other institutions, insurance and other companies or corporations, or any other place where large numbers of names are to be readily and economically indexed, and which must necessarily be so indexed as to permit the quickest possible reference.

Our object is to produce an index to be used in connection with records or name books of any kind, involving very large numbers of names, as for instance, one hundred thousand names, more or less, and comprises a set of tables, one for each letter of the alphabet. These tables may be written or printed on one or more sheets of paper or card-board, and used separately, or pasted or bound into the name-book to which reference is to be made, either upon the inside of the cover, or on the fly-page, or constitute the fly-page of the book. The page numbers of the tables refer in each instance to the first page (numerically) assigned in the name-book to each subdivision shown in the table. The tables are so arranged as to indicate the first three letters of the surnames in all of the possible combinations, or substantially all of them, whether for surnames in English, German, Scandinavian, or any other foreign language, and may readily be adapted to provide for the various peculiarities of any nationality or locality, or for any special use or purpose in which the combination or subdivisions will vary more or less. These index tables are used in connection with books which are paged to correspond with the tables, and which books are usually (though not necessarily) provided with initial or Christian name columns.

In the accompanying drawings, Figure 1 is a view of three tables of our index for the initial letters A, B, and C, illustrating the combinations as arranged for a set of books with

a total capacity of one hundred thousand names. Fig. 2 is a view of part of a page of such a book, said page being for the combination "Bla."

The tables "a," "b," "c," shown in Fig. 1, are each provided with a heading "d," which contains the first letter of the surnames, usually printed (or written) in type of a large size, so as to readily catch the eye. Each heading surmounts a series of vertical columns, the first of which, at the left, contains the second letter of surnames in a bold face type, and is marked "second letters." The second vertical column, contains, as indicated by its marking, the third letters of the surnames, and is marked "third letters." The third column, marked "page," contains the figures to represent the pages of the name book upon which any certain name is to be found, or written. The fourth column is a blank column, for transfer pages, that is, the pages on which certain combinations (surnames) are continued when the space, or pages, assigned by the page column, becomes filled.

At the foot of the table is a line and paging, marked "Special" in the first column, whereby space is given for the entry of some special reference, or class of names, such as associations, banks, churches, &c., which may not be readily located elsewhere in the table, or which it may seem desirable or preferable to separate from the names of persons, to be classified by themselves. In the first column short horizontal lines are used to show or to mark the divisions between the different alphabetical letters of that column, and to aid the eye in catching the desired second letter. In the second column, of third letters, two styles of letters are shown, large capitals and smaller ones, the former indicating the third letters which are most in common use, while the latter indicate such third letters as are liable to occur but once in one hundred thousand names, or in the total capacity of the index, as in the "B" table we find Baf, Baj, Bao, Baq, Bef, Bej, Beo, Bep, Beq, and in the "C" table we find Caj, Caq, Cax, Coq, Cou, Cuv, &c.; also in the second column the surnames most in common use are made to appear in italics printed out in full, such as Adams, Allen, Anderson, Andrews, Brown, Burke, Burns,



Campbell, Carroll, Clark, Collins and Cook, which are thus segregated from other surnames which begin with the same first three letters; also in cases of different terminal spellings, both spellings are indicated by adding or changing the terminal, as Brown-e, Clark-e, Cook-e and Anderson-en, showing both spellings, with or without the terminal "e," or also showing the two spellings,—Anderson and Andersen. In the third column a few extremely rare combinations of two letters are shown in italics with parentheses, such as Aq, Bd, Bn, Bs, Bw, Bz, Cd, Ck, Cm, Ct, and Cr, which are of the least frequency, and liable to occur only once in five hundred thousand names.

In certain cases the three letter combinations are so infrequent that we have grouped them on one line, as A to Z, for such combinations as Aaa, Aab, Aac, Aad, &c., Bja, Bjb, Bjc, Bya, Byb, Byc, &c., Cea, Ceb, Cec, Ced, Cia, Cib, Cic, Cid, Cna, Cnb, Cnc, Cnd, Csa, Csb, Csc, Csd, &c.

In constructing these tables for certain localities or for certain classes, regard may be had and due consideration given to frequently recurring foreign names, or to prominent local names. Thus in Minnesota and other northwestern States with a large Scandinavian population, names beginning with And, Joh, Han, or the elsewhere unusual Bj, Ol, &c., would be found in far greater proportions than in the East or South. In Canada, or other parts of this country, or for other special uses the Scotch, the German, or the Irish names might require special increase. So also in deed or mortgage indexes, certain prominent local names would need special provision. In adapting our tables to any such special cases all of these peculiarities can readily be provided for by a suitable arrangement of paging in the name or record books.

In using these tables for reference, or for indexing, we for instance, to find the name Blaine, take the table headed with "B," glance down the first column to "L," and in the second column find "A," giving the three letter combination "Bla," and in the third column we find the numbers 189, which indicates the corresponding page in the name book upon which this name is to be found, or the page upon which it is to be entered, as shown in Fig. 2, writing the name "Blaine" in the column headed "Grantor," the given name "James" in the column headed "I J," and the letter G in the column headed "Second initial," and we have the whole name, James G. Blaine, duly entered. The other names entered, for illustration in Fig. 2, are all

names which begin with the same three letter combination "Bla" and are entered in the same manner as aforesaid, due reference being had to the first initial or name, and its second initial.

It will thus be seen that the features of our index are as follows: The first letter of the surname in large type in the heading; the second letter thereof in bold-face type in the column at the left, or first column; and the third letter in varying style of type in the second column, thus subdividing each triple combination into its three elements; also subdividing the third letters, by distinct markings, or variations in size, or form of letters, as large and small capitals, to aid the eye in distinguishing between those which are frequent and those which are of rare occurrence; also the italic and very rare two letter combinations; and in conjunction with the three-letter-combination system, giving the very common surnames in full in italics, and showing one or more modes of spelling the same.

It will be seen that we have no horizontal lines with initial or secondary letters, singly or in combination, in conjunction with vertical intersecting columns headed with single or grouped letters, and having page numbers in the squares created by such intersections, which create, eventually, a very large and confusing mass of figures leading to frequent errors in picking out the number desired, as is shown in the patent to P. J. Schlecht, No. 347,304, of August 10, 1886.

What we claim as our invention, and desire to secure by Letters Patent, is—

An index containing a series of tables, each comprising a heading containing a single alphabetical letter representing the first letter of a name, a vertical column containing alphabetical letters representing the second letter of a name, a second vertical column containing alphabetical letters representing the third letter of a name, and a third column containing paging figures, combined with a second index composed of a series of vertical columns in which to enter Christian names, a single column for the second initials of the names, a column for surnames, and columns for correlative and auxiliary entries, substantially as specified.

In witness whereof we have hereunto set our hands this 12th day of May, 1894.

CHAS. C. HALL.

ALBERT E. MCCHESENEY.

In presence of—

HOWARD P. DENISON,  
M. M. BORST.