J. E. RALPH.

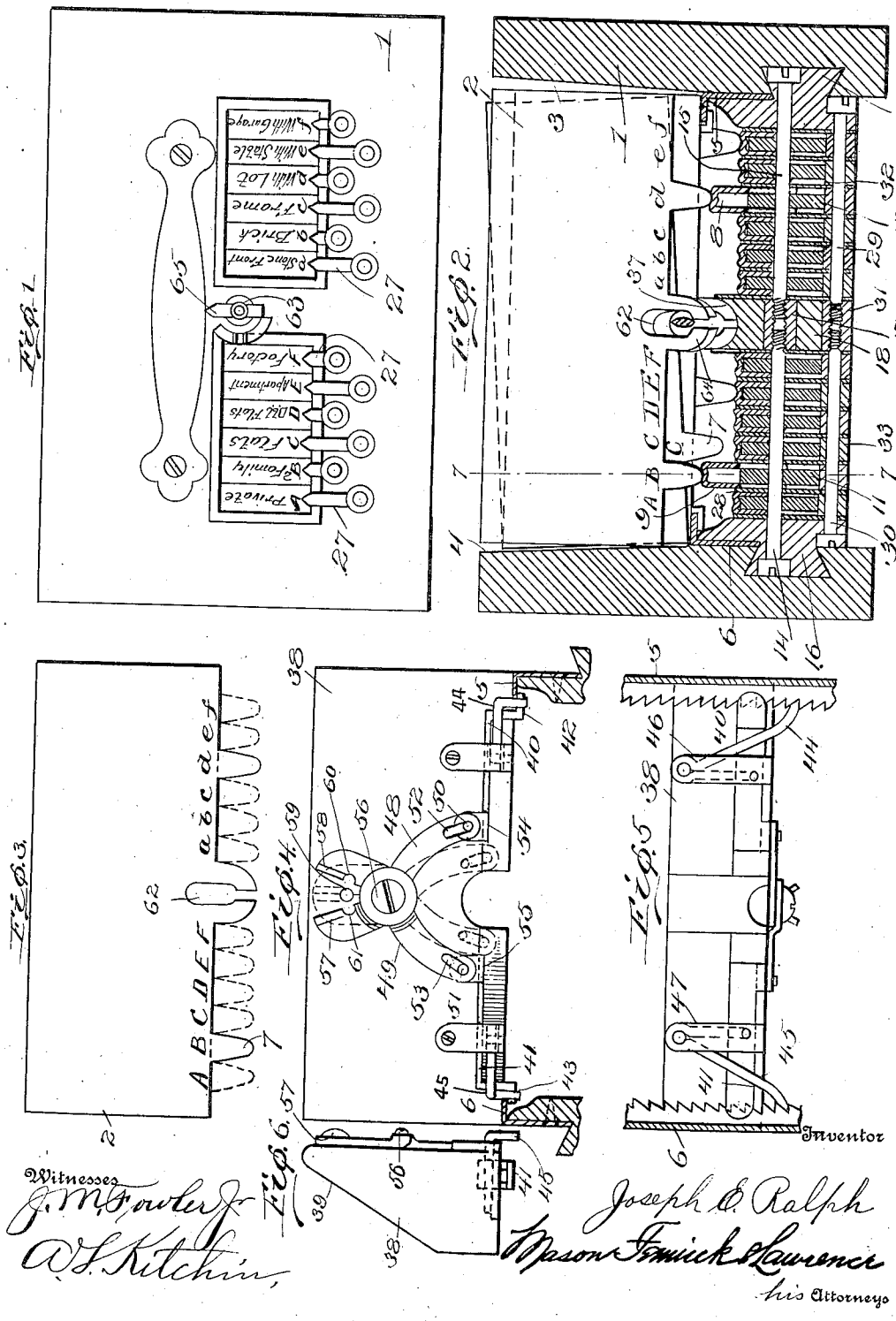
CARD INDEX CONTAINER.

APPLICATION FILED NOV. 11, 1908.

1,114,519.

Patented Oct. 20, 1914.

7 SHEETS—SHEET 1.



J. E. RALPH.

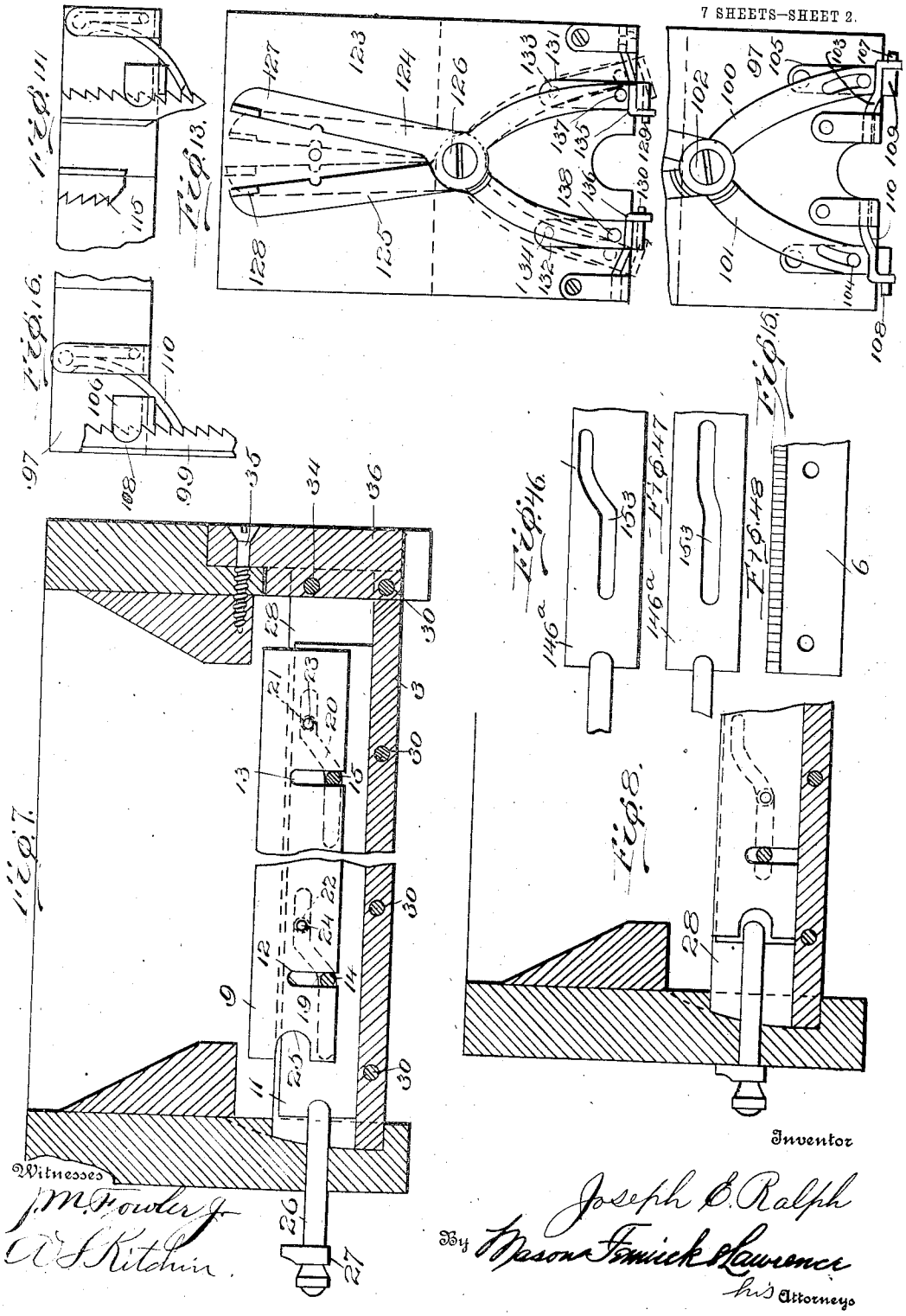
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7 SHEETS—SHEET 2.



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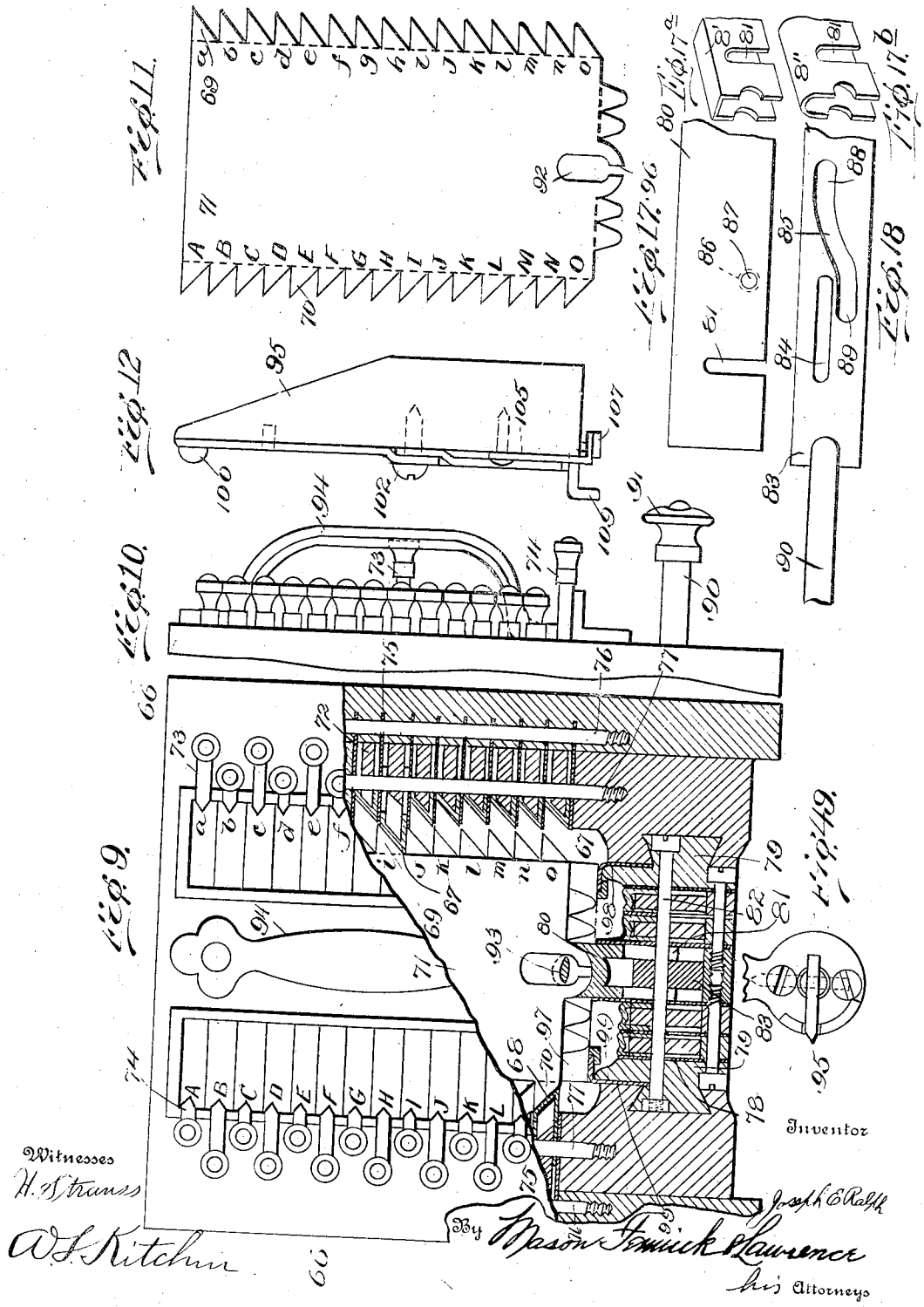
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7 SHEETS—SHEET 3.



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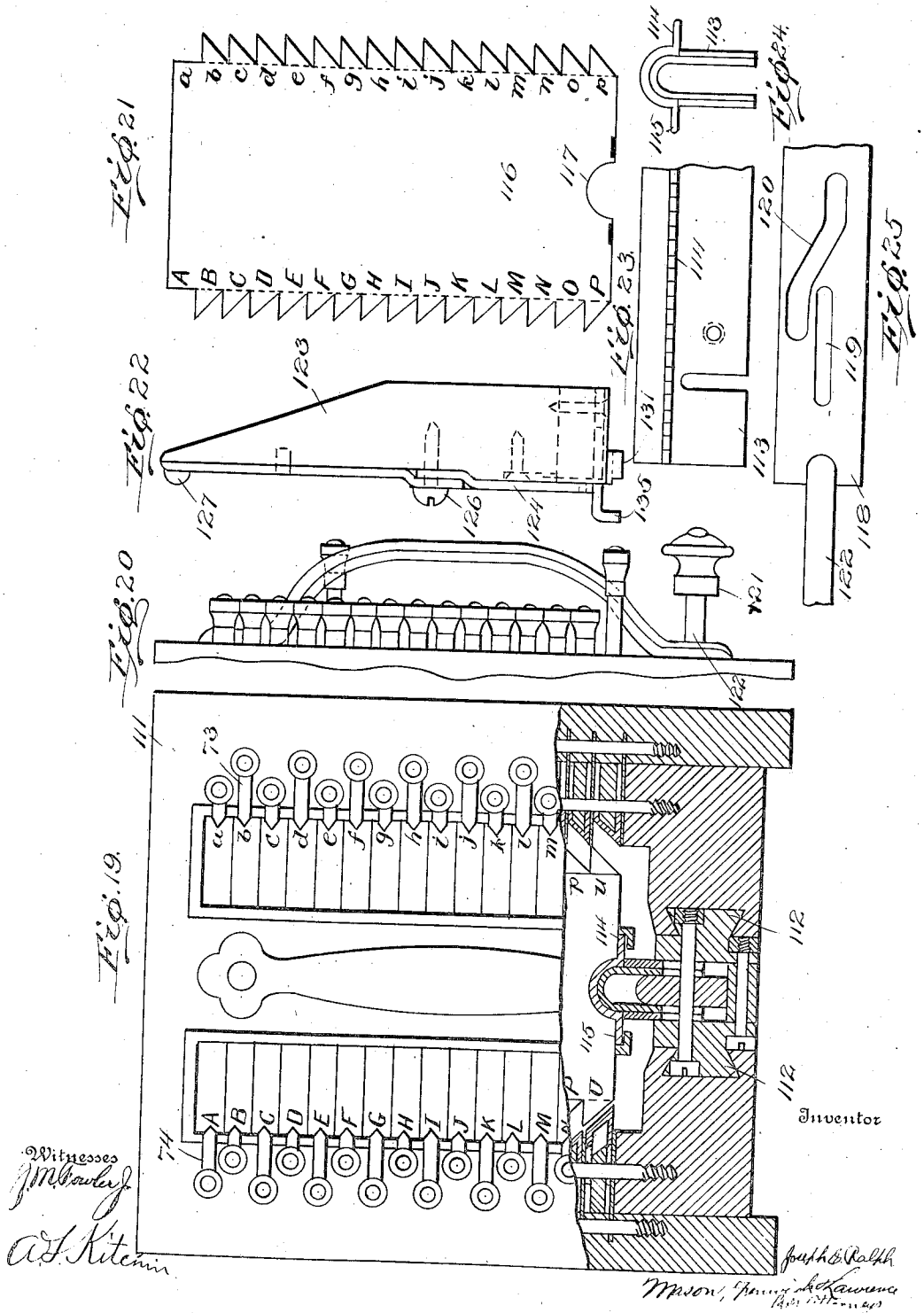
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7 SHEETS—SHEET 4.



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7 SHEETS—SHEET 5.

Fig. 26.

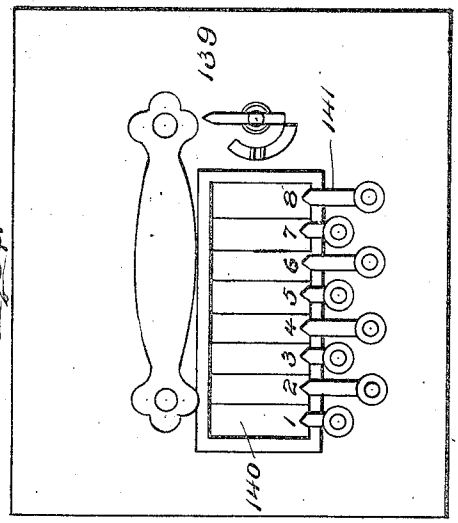


Fig. 27.

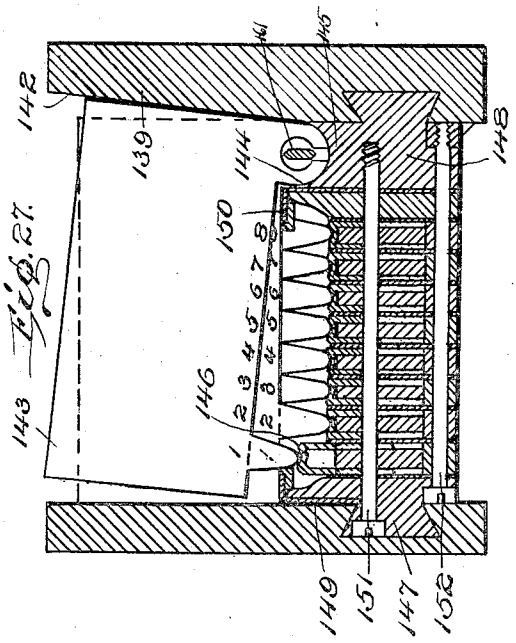


Fig. 28.

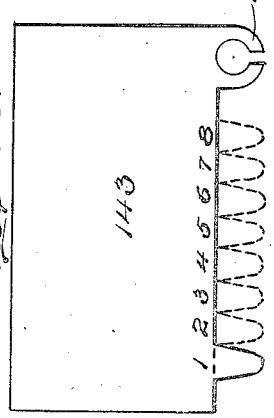


Fig. 29.

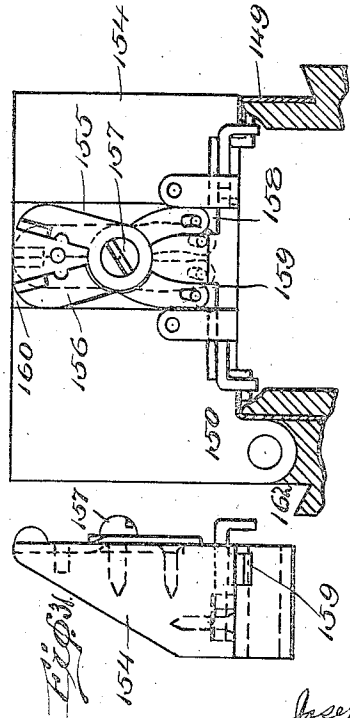
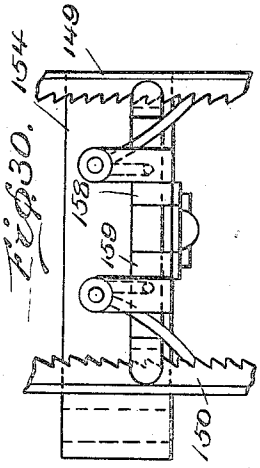


Fig. 30.



Witnesses

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7 SHEETS—SHEET 6.

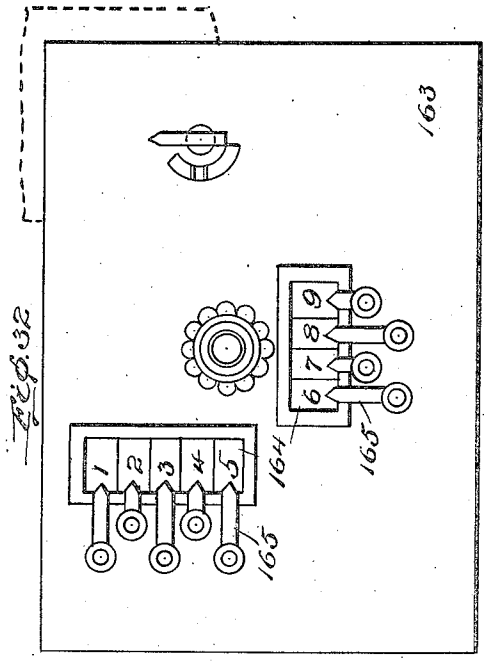


Fig. 32.

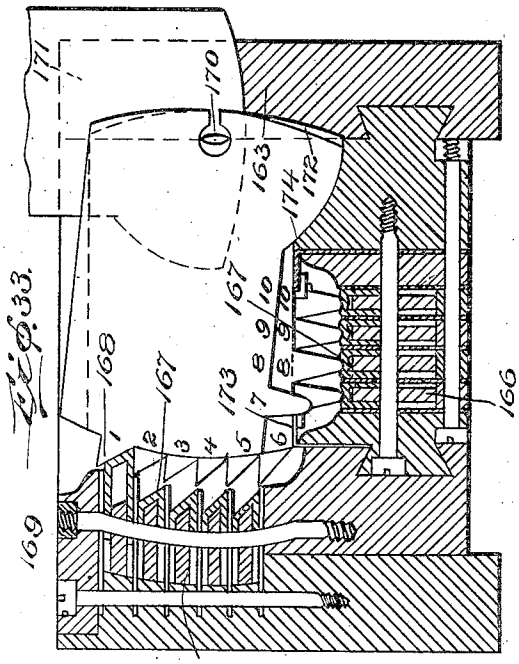


Fig. 33.

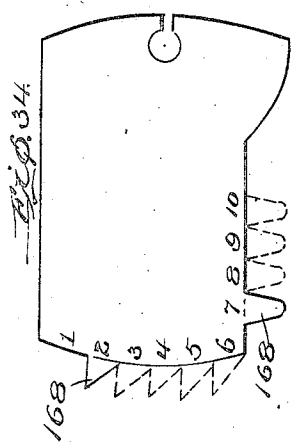


Fig. 34.

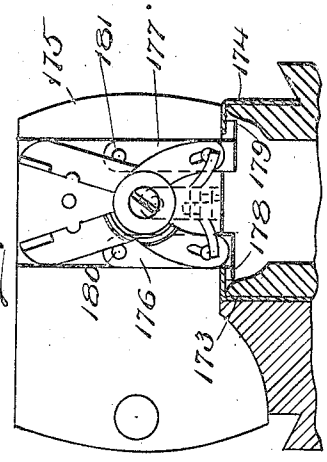


Fig. 35.

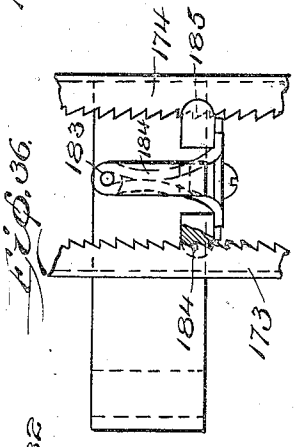


Fig. 36.

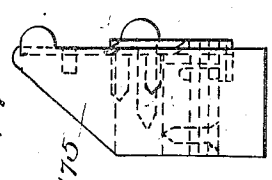


Fig. 37.

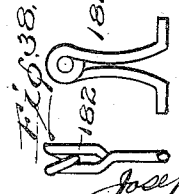


Fig. 38.

Witnesses

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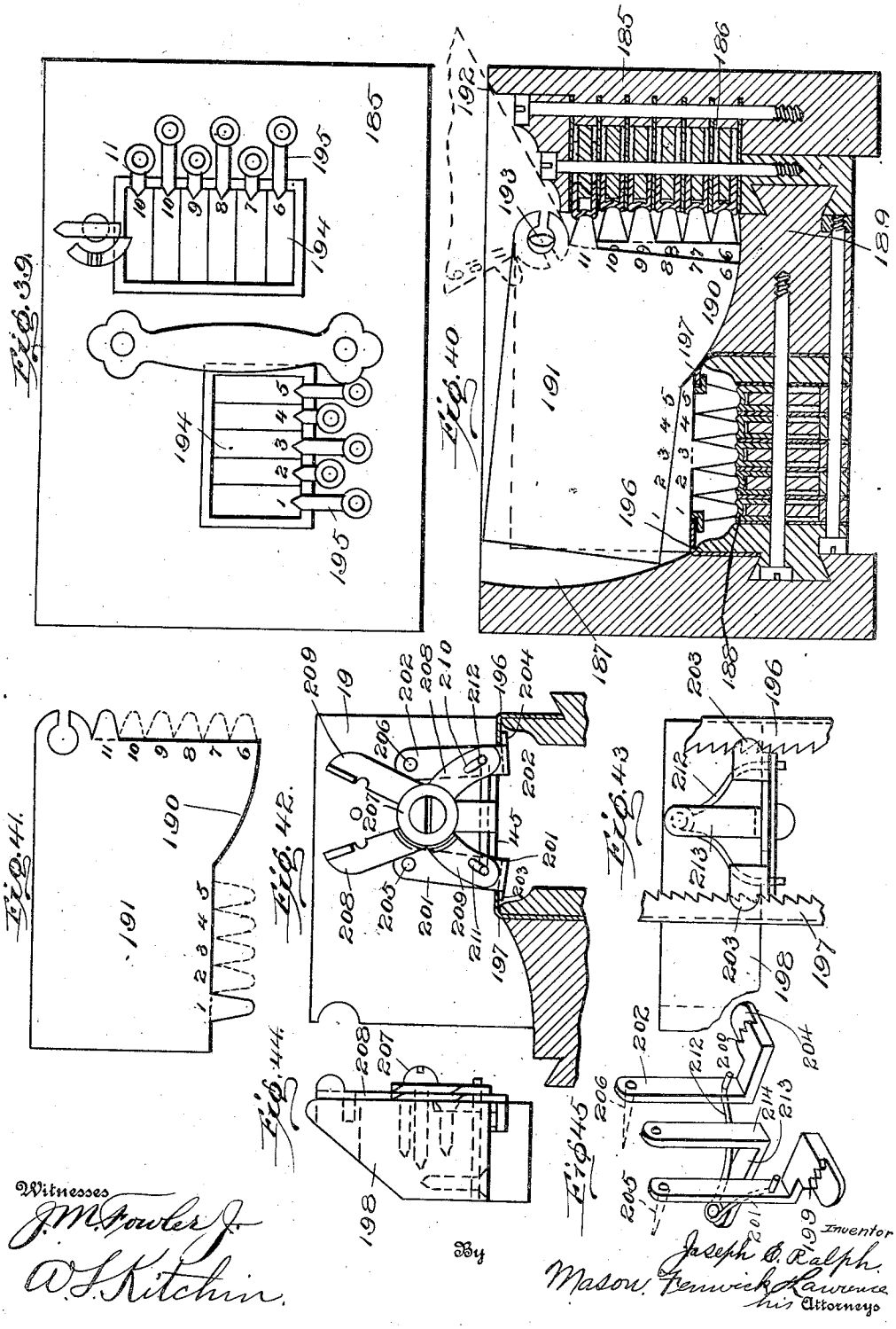
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7 SHEETS—SHEET 7.



Witnesses

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UNITED STATES PATENT OFFICE.

JOSEPH E. RALPH, OF NEWARK, NEW JERSEY.

CARD-INDEX CONTAINER.

1,114,519. Specification of Letters Patent. Patented Oct. 20, 1914.

Application filed November 11, 1908. Serial No. 462,143.

To all whom it may concern:

Be it known that I, JOSEPH E. RALPH, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Card-Index Containers; 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.

This invention relates to automatic selective receptacles for files or cabinets for classified objects that bring into distinctive prominence a predetermined index card, subject, name of writer of letter, catalogue, price list, sample, photo negative, or other classified exhibit arranged for reference therein.

The invention particularly relates to receptacles in which the contents have a peculiar relationship to one or a plurality of subject or classification divisions with governing indications or attachments on one or several sides and bottoms arranged to designate the one or several subjects or class relationships and to connect each of the several contents with its proper selective device or devices.

Each of the several forms of this invention shown by drawings and described are equally suitable for use to contain index cards; correspondence, catalogue and price list files and as reference receptacles for photo negatives, samples and classified exhibits. For the sake of brevity the drawings and description have been confined to card index adaptation, however identically the same containers could be used for the other purposes.

It is intended in this invention to recognize and operate in conjunction with the various card indexes in use wherein divisions are made by the insertion of indicators at various places or in front of certain groups; by formation, cutting, attachments, or other means on the edges of the cards; by colors, printings or rulings and particularly the various types of cards for automatic selective devices shown in my co-pending application for index cards.

This invention is designed to provide, in a card index wherein the subjects or characteristics on the cards are classified, means for distinctly designating the class or classes to which each particular card relates and means for raising to a selected or distinctive position all of the contained cards that relate to one specific class and retaining in their normal position all of the cards relating to the other classes.

The invention also provides, in a card index wherein the cards by their subject matter or characteristics are members of one or a plurality of classes in each group of a plurality of groups of classes, means for designating the class or classes of each of the plurality of groups to which any particular card relates and means for automatically raising to a selected or distinctive position all of those cards that relate to a selected class of two of the groups; causing those cards that relate to a selected class in but one of the groups to assume a distinctive position and retain in a normal position all of the cards that do not have a relationship to any of the selected classes. The container is particularly applicable for use with cards that ordinarily remain in one position when not being selected and are forced to another position when selected. In addition the container is adapted to operate particularly the cards adapted to have a single or a plurality of groups of subjects placed thereon, and by the arrangement of the container and its selectors to select any desired single or double groups of subjects that may be desired.

Another object of the invention is the construction of a container having removable selectors that are used when in proper position for selecting cards positioned in the container and forcing the same to a distinctive position. The selectors are arranged to be moved bodily from the container for repairs, renewal, or inpection or for any other desired purpose, and then again inserted thus permitting easy repairs, renewal, and the like to be made.

A still further object in view is the provision of a container arranged for accommodating cards that may be selected as desired and also provided with a follower block for supporting and holding the cards in proper position, the follower block being formed with means that will normally hold the block in position in its place, but permits ready and free adjustment of the block at all times.

Another object in view is the provision of means in a card index for holding or sustaining in their normal position the card or cards of any particular class or plurality of

particular classes and causing them to be instantly distinguishable without any special keenness of vision.

A further object in view is the construction of a card index so arranged as to bring any desired cards to a selected position and then to hold some of the selection for further reference without taking the same out of the container by simply throwing or swinging the same from the regular selected position to what might be called an ultra-selected position.

With these and other objects in view the invention comprises certain novel constructions, combinations and arrangement of parts as will be hereinafter more fully described and claimed.

In the accompanying drawings: Figure 1 is a front view of a container embodying the features of the invention. Fig. 2 is a view similar to Fig. 1 with the front plate removed. Fig. 3 is a plan view of a card constructed so as to operate with the container shown in Figs. 1 and 2. Fig. 4 is a rear view of a follower block. Fig. 5 is a bottom plan view of the structure shown in Fig. 4. Fig. 6 is an end view of the structure shown in Fig. 4. Fig. 7 is a longitudinal section through the container shown in Fig. 2, approximately on line 7—7. Fig. 8 is a fragmentary sectional view similar to Fig. 7, but with the selectors all moved to a lowered or inoperative position. Fig. 9 is a front elevation of a slightly modified form of container, certain parts being broken away to better disclose the mechanism. Fig. 10 is a fragmentary side elevation of the structure shown in Fig. 9 showing the arrangement of knobs and handle. Fig. 11 is a plan view of a card used in the container shown in Fig. 9. Fig. 12 is an edge view of a follower block used in the container shown in Fig. 9. Fig. 13 is a rear elevation of the follower block shown in Fig. 22. Fig. 14 is a fragmentary bottom plan view of the follower block shown in Fig. 13. Fig. 15 is a fragmentary rear view of the follower block shown in Fig. 12. Fig. 16 is a fragmentary bottom plan view of the follower block shown in Fig. 15. Fig. 17 is a fragmentary side elevation of a supporting trough member used in supporting the positioning member of the card shown in Fig. 11. Figs. 17^a and 17^b are modified forms of the member shown in Fig. 17. Fig. 18 is a side elevation of a filling and operating strip adapted to fit into the structure shown in Fig. 17 for raising and lowering the same. Fig. 19 is a front elevation of a slightly modified form of card index with certain parts broken away to disclose the inner construction thereof. Fig. 20 is a fragmentary side elevation of the container shown in Fig. 19, the front end only being shown. Fig. 21 is a plan view of a card adapted to be used in the container shown in Fig. 19. Fig. 22 is an edge view of the follower block adapted to be used in the container shown in Fig. 19, and is constructed as shown in Figs. 13 and 14. Fig. 23 is a fragmentary side elevation of an elevating member adapted to contact with the positioning member of the cards used in the container disclosed in Fig. 19. Fig. 24 is a front elevation of the structure shown in Fig. 23. Fig. 25 is a fragmentary side elevation of a filler or elevating member adapted to be positioned within the structure shown in Fig. 23 for raising and lowering the same. Fig. 26 is a front elevation of a slightly modified form of container which is adapted to receive a card with a positioning member in one of its lower corners. Fig. 27 is a view of a container similar to the container shown in Fig. 26 with the front plate thereof removed. Fig. 28 is a plan view of a card that is adapted to be used in the container shown in Figs. 26 and 27. Fig. 29 is a rear elevation of a follower block adapted to be used in the container shown in Fig. 27, the same being shown associated with fragmentary views of surrounding parts. Fig. 30 is a bottom plan view of the structure shown in Fig. 29. Fig. 31 is an edge view of the follower block shown in Fig. 29. Fig. 32 is a front elevation of a slightly modified form of container in which a card is adapted to be used that has its pivot point centrally and near one end of the card, and its positioning member arranged at one of the lower corners of the card. Fig. 33 is a view of a container similar to the container shown in Fig. 32, but with the front plate removed. Fig. 34 is a plan view of a card adapted to be used in the container shown in Figs. 32 and 33. Fig. 35 is a rear elevation of a follower block which is adapted to be used in a container constructed as shown in Fig. 33, the same being shown in connection with a fragmentary view of the surrounding parts of the container. Fig. 36 is a bottom plan view of the follower block shown in Fig. 35, the same being shown in connection with a pair of card rests. Fig. 37 is an edge view of the follower block shown in Fig. 35. Fig. 38 discloses a spring used in holding the latch of the follower block in position. Fig. 39 is a front elevation of another slightly modified form of container, the same being adapted to have positioned therein cards having a positioning member in one of the lower corners, and a pivotal point for the cards near one end, and also near the upper edge of the card. Fig. 40 is a view of a container similar to the container shown in Fig. 39 but with the front plate removed. Fig. 41 is a plan view of a card adapted to be used in the container shown in Fig. 40. Fig. 42 is a rear eleva-

tion of a follower block adapted to be used in the container shown in Fig. 40, the same being shown associated with the surrounding parts of the container. Fig. 43 is a bottom view of the follower block shown in Fig. 42, the same being shown in connection with a pair of card rests. Fig. 44 is an edge view of the follower block shown in Fig. 42. Fig. 45 is a perspective view of the latches and operating spring shown in Fig. 42. Fig. 46 is a fragmentary view of a lifting selector bar. Fig. 47 is a plan view of a lifter selecting bar constructed similar to the lifting bar shown in Fig. 46, but with a small raise. Fig. 48 is a side elevation of one of the card rests, the same showing a notched or toothed edge. Fig. 49 is a fragmentary view of a handle, having shown in connection therewith a pointer for a locking rod.

In constructing a container according to the present invention means are provided that will accommodate cards which may be used according to the system of the ordinary container as well as the automatic selection container. The cards are all arranged to be pivotally mounted and have governing members arranged to be engaged by movable selectors for sustaining the cards in a distinctive position when any card is desired to be selected. Also the container is arranged for accommodating cards having governing members struck on the arc of a circle whose center is coincident with the pivotal point of the card. The container is arranged with a suitable housing and selectors that may be moved for the full length for engaging the governing members on the cards and for raising or supporting the cards. In placing the selectors in position the same may be arranged for use with cards that provide for a plurality of selections. In addition the selectors may be arranged on the bottom or side of the container as may be desired. When arranged on the side of the container it is for the purpose of permitting a greater number of governing members to be used, and consequently to increase the list of selections. The selectors are also arranged to, in one form, raise and in the other form to simply sustain the cards after having been raised by a trough shaped supporting member. In order that the cards may be always properly supported in a compact mass a follower block is arranged that engages the card raised, and is clamped in position by a suitable latch or clamping device which may be readily unclamped for permitting the reciprocation or movement of the follower block to any desired place in the container.

In order that a clearer understanding of the invention may be presented a preferred form and several slight modified forms embodying the same principles are disclosed in the drawings.

Referring more particularly to the drawing 1 indicates a container of the preferred type which is adapted to accommodate the card 2 that is particularly adapted for use in selecting a plurality of subjects. The container 1 has the inner side walls thereof beveled at 3 and 4 which permits a proper pivotal movement of the card when the governing member of any particular card has been raised. It will be observed that the bevels 3 and 4 extend only down to the card rests 5 and 6. The respective governing members 7 of the cards 2 are adapted to be engaged by selectors 8 and 9 and be raised thereby, and consequently raise the cards 2. The selectors are shown as being trough shaped at their top for accommodating governing members that are round at their lower end, though other forms of selectors may be used, as for instance, a flat upper surface or a round upper surface, or in fact any other form that might be desirable. The selectors 8 and 9 are preferably formed from thin sheet metal and bent to a U-shaped construction in cross section and are adapted to extend for substantially the full length of the container so as to be positioned beneath all of the cards in the container. The selectors are arranged to be reciprocated transversely of their length, and are guided in their movement by filling and guiding members 10 and 11 which are adapted to move longitudinally of the container only, and in moving longitudinally of the container to raise the respective selector that is positioned astride of the same. The selectors as 8 and 9 are identical therefore a description of one will be sufficient for both. Selectors 9 (Fig. 7) are formed with slots 12 and 13 for accommodating rods 14 and 15 which rods are held stationary by supporting members 16. The rods 14 and 15 preferably extend from each side of the container as clearly seen in Fig. 2, and engage sleeves 17 in trough shaped supports 18. From this construction it will be observed that the selectors may be moved vertically in a parallel motion for their full length, but cannot be moved longitudinally. On the contrary the filling and operating member 11 is adapted to be moved longitudinally but not laterally. The longitudinal movement of member 11 is provided for by having slots 19 and 20 formed therein which permit such movement. The slots 19 and 20 have at one end a comparatively long portion parallel with the upper edge of member 11, and a comparatively short parallel portion at the opposite end. These two parallel parts of the slots 19 and 20 are connected by a curved or inclined portion. Positioned in slots 19 and 20 are rollers 21 and 22 that are mounted upon shafts 23 and 24 secured to selectors 9. The shafts 23 and 24 are rigidly secured to the selectors 9,

and consequently when member 11 is reciprocated rollers 21 and 22 must move from one end of slots 19 and 20 to the opposite end and in doing so move to a different level. This will cause a positive action on the selectors 9 to move to an upper or to a lower position for forcing upward cards 2 or permitting the same to drop downward. In the end of selectors 9 are formed notches 25 for accommodating the end of rod 26 as clearly seen in Fig. 7. The outer end of rod 26 is provided with a pointer 27 that is positioned opposite a suitable list on the face of the container. All of the filling members 10 and 11 are formed with slots as 19 and 20 of the same shape and size so that all of the selectors 8 and 9 will be raised and lowered the same degree.

The selectors 8 and 9 are positioned in the bottom of the container and are spaced apart by strips of thin material 28 that are preferably of some metallic formation. The separating strips 28 are adapted to permit a freer movement of the selectors but prevent one selector from rubbing against another or from accidental removal of the same. All of the selectors 8 are positioned between one of the supporting members 16 and a trough shaped support 18, and the selectors 9 are positioned between the other of the supporting members 16 and the trough shaped support 18. In order to positively hold the selectors and their supports 16 always in proper shape a pair of binding members as bolts 29 and 30 are provided that extend from opposite sides of the container and engage a central sleeve 31. These binding members pass through spacing members or strips 32 and 33 that have positioned therebetween the strips of metal 28. The respective binding members 29 and 30 are preferably tightened up until the strips are clamped firmly therebetween, but the guiding members 14 and 15 are simply forced into position sufficiently far for permitting the insertion of the supports 16—16 into the container. As will be clearly seen from Figs. 2 and 7 the members 32 and 33 together with the strips 28 form a bottom for the container. In addition to the binding members 29 and 30 is also provided a binding member 34 at the rear of the container for more firmly supporting the partition strips 28. In constructing and assembling a container or receptacle for cards all that is necessary to properly assemble the same is to slide the supporting members 16—16 in suitable dove tail grooves formed in the housing of the container, and to lock or secure the same in position by inserting a screw 35 at the rear of the container, the same passing through a plate 36 that is secured to the selectors and associated parts by members 30 and 34 but at the same time forms a part of the rear end of the container when in position. The supports 16—16 that have formed thereon tenons for fitting in the dove tail grooves of the housing of the container are also arranged to project above the selectors and the part that projects above the selectors have secured thereto rests 5 and 6 which extend the full length of the container and form a support for all of the cards in the container when the same are in normal position, and in addition a support for a follower block or partition block as the case may be. The respective cards in the container are supported by rests 5 and 6 when in their normal position, and are properly held in position for being raised by the selectors by having their positioning members engage a trough 37 (Fig. 2) formed along the upper edge of support 18.

Resting upon rests 5 and 6 and adjustably secured or clamped thereto is a follower block 38 (Figs. 4, 5 and 6) that is preferably beveled at 39 in order to permit free movement of the cards in the container, and yet hold the same properly together. The follower block 38 is adapted to rest upon the rests 5 and 6 and carries latches 40 and 41 that have extensions or lugs 42 and 43 respectively that pass beneath the rests and positively prevent any upward movement of the follower block. The latches 40 and 41 are held so that their extensions or lugs 42 and 43 remain beneath the rests by the action of springs 44 and 45 pressing against the same as clearly seen in Fig. 5. The springs 44 and 45 are in turn firmly held in position by suitable supports 46 and 47 secured to the bottom and back of the block. Spring supports 46 and 47 not only have the function of supporting the respective springs, but also support and hold in proper position latches 40 and 41 permitting a reciprocatory movement thereof. In order to reciprocate latches 40 and 41 the same are pivotally connected with cross arms or levers 48 and 49 by means of pins 50 and 51 passing through slots 52 and 53 and also through ears 54 and 55 extending from the latches 40 and 41. Arm or lever 48 is provided with an aperture through which a securing pin 56 passes, and arm 49 also is provided with an aperture through which the pin or screw 56 passes and at an equal distance from its lower end as the apertures in arm 48 are in its lower end so that any movement of the arms will cause an equal movement of latches 40 and 41. Arm 48 is continued past its pivotal securing member 56 and is formed with a thumb lug or extension 57. The arm 49 is also formed with a thumb member 58 so that whenever it is desired to move the block 38 longitudinally of rests 5 and 6 the thumb members 57 and 58 are

forced toward each other until the same come in contact. This will cause the lower ends of the levers to move toward each other as shown in dotted lines in Fig. 4, and consequently move the ends of springs 44 and 45 out of engagement with the notches or teeth in the rests. When the thumb members 57 and 58 are in this position the block may be reciprocated to any desired extent or entirely removed if so desired. In order to cause each other to have the same movement a pin 59 is secured in block 38 which is adapted to fit into recesses 60 and 61 in the respective levers. By this construction when one lever has engaged pin 59 the same will remain stationary and the other lever will continue its movement until it also engages the pin.

By constructing the housing 1 of the container with beveled portions 3 and 4 the same will accommodate the movement of the cards 2 positioned therein, but the size of the container need not be enlarged for accommodating its movement. When two selections are made from a single card the card is raised vertically by the respective selectors on both sides of the trough shaped supporting member 18 and no beveling of the sides of the container is necessary, but only where a single selection is made on any particular card which causes a pivotal movement of the cards. In order to provide the reciprocatory movement of the cards and also of a pivotal movement all of the cards are arranged with elongated openings 62 that permit the reciprocation or pivotal movement of the card and at the same time permit the use of a locking rod 63, though if desired the locking rod could be omitted. A positioning member 64 is adapted to engage the trough 37 of the trough shaped supporting member 18 when the card is in its lowered position. As seen in Figs. 2 and 3 the cards are formed with slots extending from the opening 62 so as to permit an insertion or withdrawal of any of the cards whenever desired, the locking rod 63 when used being turned as shown in Fig. 2. In order to clearly indicate the position of locking rod 63 a pointer 65 is provided on the front of the container which when pointing in an upward direction indicates that the locking rod is in such a position that any of the cards may be removed or any of the cards inserted. In using the container when desired to select all the cards relating to private dwellings or houses of any desired description the knob and indicator 27 positioned opposite to the word "Private" positioned on the front of the container is pulled outward and in its outward movement causes the selector connected thereto to be raised, and consequently all of the cards with which the same may come in contact. This will bring to a distinctive position all of the cards of various kinds that relate to a single family house or private house. If a two family house is desired the pointer opposite the words "Two family house" on the list positioned on the front of the container is pulled out and the selector connected thereto raised which in turn will raise all of the cards upon which information concerning two family houses is located. If information should be desired concerning two family brick houses the pointer opposite letter B on the list on the front of the container would be pulled outward and the pointer opposite the letter *b* on the list would be pulled out. This would cause all of the cards relating to two family houses to be raised and all of the cards relating to houses constructed of brick to be raised. The cards relating to houses constructed of brick and adapted for two families would be raised vertically, while all of the cards relating to brick houses not for two families would be simply raised upon their pivot points, and all of the cards relating to two family houses not of brick would be raised or moved upon their pivot points. In this way a selection would be easily made of all two family brick houses as all of the cards containing such information would be in a horizontal raised position.

Figs. 9 to 25 inclusive disclose containers arranged with means on the bottom that may bodily move the entire complement of cards within the container to an elevated position or permit the same to be moved to a lowered position. In this form of container selecting means may be arranged on each side or on each side and the bottom for holding in an elevated position the various cards selected, while the remaining cards are permitted to drop or move to a lowered position. The containers are provided with indexes on their outer faces so as to afford a ready reference as to what the contents of the container is, and may be used simply as a list of subjects showing what information is positioned on the respective cards, or may be used as an index to be operated in connection with a suitable auxiliary list of subjects with various designations positioned opposite the subjects that correspond to the designations positioned on the container. If the list of subjects contains any given subject matter as for instance houses and designation H is positioned opposite the word "House" all that will be necessary to select all of the cards having information concerning houses will be to pull out the pointer positioned opposite H on the face of the container. If a double selection is desired as for instance stone houses the pointer opposite for instance C if the same is the designation for stone structures on the list is pulled out as well as the pointer opposite

the letter H. In this way a double selection is made that is a selection of all houses and all stone structures, the cards having information concerning stone houses being held in an elevated horizontal position while the remaining cards that have been selected will be simply raised or turned on their pivot points. The cards containing information concerning stone structures aside from stone houses will have one end elevated and the cards containing information concerning houses constructed of other material beside stone will have the opposite end elevated. In this way the cards desired to be examined may be easily discerned, and also associated cards may be easily examined.

Referring more particularly to Figs. 9 to 18 inclusive will be seen disclosed a container 66 provided with selectors 67 and 68 arranged on the sides of the container. The selectors are provided with any desired shaped ends, but preferably with ends formed at an incline so as to fit beneath the governing members 69 and 70 formed on card 71. The beveled part of the selectors are positioned upward preferably in order to permit more easily the pivotal movement of the card when only a single selection is made therefrom. As in the preferred form the selectors are formed of any desired kind of thin metal substantially U-shaped, and are adapted to be positioned astride of central guiding and operating members 72. The central guiding and operating members 72 are connected with the pointers 73 and 74 on the outer face of the container, and are arranged to act in a similar manner to member 11 of the preferred construction, and will therefore need no further description, the only difference being in the shape of the end and the fact that the selectors move in a horizontal direction instead of a vertical direction. Partition members 75—75 preferably of thin metal are provided and are held in place by securing bolts or screws 76—76 on the respective sides of the container. Guiding bolts 77—77 are provided that act in a similar manner to bars 14 and 15 of the preferred structure shown in Fig. 7.

Positioned in the bottom of the container and forming part of the bottom are a plurality of selectors 78—78 that are supported by side supporting members 79—79 which are dove tailed into the parts of the bottom secured to the sides of the container so that the same may be moved out of the container when it is desired together with their selectors and trough shaped support 80. These selectors are constructed identical with the selectors shown in the preferred structure (Figs. 2 and 7) and will therefore need no further description. Trough shaped support 80 is arranged with a slot 81 for accommodating bolt or screw 82 which permits a vertical movement of the member but not a longitudinal movement. The trough shaped member 80 is adapted to be positioned astride of the guiding and operating member 83 that is formed with a straight slot 84 through which bolt 82 passes, and an inclined slot 85 in which runs a wheel or roller 86 that is mounted in trough shaped member 80 upon a shaft 87. The slot 85 is formed with horizontal portions 88 and 89 upon which may rest wheel 86 when the trough shaped member 80 is in a raised or lowered position. Connected to the guiding and operating member 83 is a rod 90 that has connected to the outer end thereof a knob 91 so that when it is desired to raise member 80 all that is necessary is to pull knob 91 to an outer position as shown in Fig. 10, and when it is desired to lower trough shaped member 80 a reverse movement may be made; namely, knob 91 is pushed in until the same contacts with the end of the container. This in and out movement of guiding and operating member 83 causes wheel 86 to move from the lowest portion of slot 85 to the highest portion and then back again.

The cards 71 are given an up and down movement by the action of trough shaped member 80, and in order to accommodate this movement an elongated aperture 92 is formed in the card, the aperture 92 principally accommodating the locking rod 93. The locking rod 93 projects through the front end of the casing and also through the end of handle 94 and is provided with a pointer 95 for indicating the position of the locking rod. By thus constructing card 71 with a slot 92 a locking rod may be used and yet the card may be reciprocated freely. In addition a slot 96 is provided in the positioning member that engages the trough shaped upper edge of member 80 in order to permit the insertion and withdrawal of any card whenever desired provided the locking rod 93 is turned to a proper position.

Mounted in container 66 is a follower block 97 (Figs. 12, 15 and 16). The follower block 93 is adapted to coöperate with rests 98 and 99 secured to the side supporting members 79—79. These rests are constructed similar to the rests 5 and 6 shown in the preferred structure. The follower block 97 is constructed in any desired shape for supporting the cards in the container and has provided on the back thereof a pair of levers 100 and 101 that are pivotally mounted at 102 intermediate their length so that when the upper ends of the levers are forced together the lower ends also will be brought nearer together, and will consequently act upon rivets or pivotal members 103 and 104 for moving pivotally mounted latches 105 and 106. The latches 105 and 106 have secured thereto the pivotal bolts or rivets 103 and 104 which also pass

through slots in the lower ends of levers 100 and 101 so that any opening or closing of the levers will move the projecting ends or lugs 107 and 108 toward or from the rests 98 and 99. In order to prevent any movement of the follower block away from the cards in the container springs 109 and 110 are secured to the follower block and engage the teeth on the rests. In addition the springs 109 and 110 press against the latches 105 and 106 for normally holding the lugs or extensions 107 and 108 beneath the rests, and in this way prevent any removal in an upward direction of the follower block.

A further slight modification is seen in Fig. 19 in which a container 111 is shown that is constructed with selectors, pointers and surrounding parts on each side exactly as seen in Fig. 9. The bottom construction, however, is slightly different and also the follower block adapted for the bottom construction is made slightly different. Forming part of the bottom are supports 112—112 that are dove tailed into the parts of the bottom that are secured to the sides of the container and are adapted to accommodate a substantially U shaped raising and lowering member 113. The rests 114 and 115 are also formed on the U shaped member 113 for affording means upon which the cards 116 may rest when in a normal position. The upper part of the U shaped member 113 is adapted to fit in the governing recess 117 of the card 116 when the card is in its normal position or is being raised. The U shaped member 113 is otherwise constructed identical with the trough shaped member 80 shown in Fig. 17 and is adapted to operate in a similar manner and will therefore need no further description. An operating member 118 is positioned within U shaped member 113 and is constructed with a straight slot 119 and an inclined slot 120. The inclined slot 120 is formed with horizontal portions at each end for accommodating a wheel positioned in U shaped member 113 in a similar manner to the way slot 85 accommodates wheel 86. When it is desired to make a selection all that is necessary is to pull out any of the pointers 73 or 74 as may be desired and then to pull out knob 121 which acting through rod 122 will reciprocate member 118 and by such reciprocation will positively lower the U shaped member 113 and incidentally all of the cards not supported by the selectors operated by the pointers 73 and 74 that have been pulled to an outer position. The selected cards then will be in an elevated position, and those not desired in a lowered position. When a new selection is desired knob 121 is forced inward until the same contacts with the front of the container, and then all of the pointers 73 and 74 in an outer position forced inward if the same are no longer desired and the desired pointers moved to an outer position and knob 121 again pulled to an outer position for lowering the cards as selected. In this container as will be seen the normal position of the cards is what might be called an elevated position, that is the U shaped member 113 and rests 114 and 115 are normally elevated ready to have the selectors forced outward for engaging any of the cards upon the movement of their respective containers. In this construction the selectors are first moved by operating the pointers 73 and 74 while in the structure shown in Fig. 9 the knob 91 is moved to an outer position and all of the cards elevated, and then the pointers are operated for moving the selectors after which the cards are all lowered by forcing inward knob 91. In the form shown in Fig. 9 all of the cards are raised and then lowered except those that are selected, while in the structure shown in Fig. 19 all of the cards not selected are simply lowered.

In the container shown in Fig. 19 the follower or dividing block 123 is adapted to be used and is preferably constructed of the same contour or shape as the follower block used in the preferred structure that is with a beveled portion for permitting proper movement of the cards, though the block itself is usually of greater height than the block shown in the preferred structure. The block used in the container shown in Fig. 19 is shown in detail in Figs. 13, 14 and 22 to which particular reference is made. As seen in these figures a pair of levers 124 and 125 are used that are pivotally mounted upon the pin or securing means 126. The levers 124 and 125 do not cross but are formed somewhat on the order of a V with a securing pin 126 passing through both levers near the apex of the V. This construction is made so that when the thumb holds 127 and 128 are forced together the lower ends of the levers will be forced apart and consequently cause the lugs or projections 129 and 130 of the latches 131 and 132 to move from beneath rests 114 and 115. The latches 131 and 132 are pivotally mounted at 133 and 134 respectively and are normally pressed inward by springs 135 and 136 respectively so as to cause the lugs 129 and 130 to normally remain beneath rests 114 and 115. Pins 137 and 138 are secured to the respective latches 131 and 132 and extend through slots formed in the lower ends of levers 124 and 125 so as to convey motion from the levers to the latches. By this construction and arrangement this form of securing means for the follower block may be operated in exactly the same manner as the securing means for the block shown in the preferred form; namely, by squeezing or forcing together the upper ends of the levers so that in use

the action of the operator will be the same regardless of the construction of mechanism.

Figs. 26 to 45 inclusive show several modifications of containers but all arranged to have a selecting device that operates to select from a single series, the principal difference in the construction relating to the position of the pivotal point of the card, one being in the lower corner, a second near the center of one end, and a third near one of the upper corners. Various detail constructions and arrangements are shown in respect to the various ways in which the cards are operated to accommodate the cards having the respective pivotal points. In all of these containers cards are used in which only a single selection can be had, the structures shown in Figs. 33 and 40 having selectors arranged on one side of the containers simply for providing additional selectors for operation in connection with additional governing members on the ends of the cards positioned in said containers.

Referring to the form more particularly shown in Figs. 26 to 31 inclusive, 139 indicates a container adapted to have arranged therein cards with a single list of subjects. Preferably this container is provided with a list 140 positioned on the front thereof opposite which pointers 141 are arranged for indicating which subject matter is to be brought to a distinguishable position. The container 139 has one of the sides thereof beveled at 142 down to a point approximately opposite the pivotal point of the card for accommodating the pivotal movement of cards 143. In this container the bottom is constructed so as to be entirely removed if desired without affecting any of the operating mechanism of the container which is secured to the bottom or forms part thereof. The cards 143 are held in proper position by positioning member 144 engaging a trough shaped support 145 that is formed with a dove tail for fitting into a dove tail groove in the side of the container. Positioned beneath the cards are selectors 146 that are constructed and operated in a similar manner to the selectors shown in the preferred construction, and will therefore need no further description. The selectors 146 are positioned between retaining members 147 and 148. Retaining member 147 carries rest 149 while rest 150 is clamped between retaining member 148 and the trough shaped support 145 being held in place by bolts 151 and 152. The construction and operation of the selectors 146 though identical in principle with the preferred structure, but by reason of the fact that some of the selectors are positioned farther from the pivotal point of the cards than others, it has been found necessary to give to each selector a different upward movement. By this is meant that the selector which is positioned nearest to the pivotal point of the card is moved the shortest distance upward, while the selector farthest from the pivotal point of the card is moved upward the farthest distance so that all of the cards will be moved upon their pivotal points the same distance. In order to accomplish this result the selectors 146 are provided with follower and operating blocks 146^a as shown in Figs. 46 and 47. As seen in these figures the slot 153 has a different rise for each selector, the one nearest to the pivot point of the card having the shortest rise and the one farthest from the pivot point having the longest rise so that all of the cards will be tilted or moved upward the same distance.

In the container shown in Fig. 27 a follower block 154 is used that is preferably formed with a positioning member that corresponds to the positioning member 144 of cards 143 and fits into a trough shaped member 145. A pair of levers 155 and 156 are pivotally secured by screw 157 to the back of block 154 and adapted to move or reciprocate latches 158 and 159. The construction and operation of the levers 155 and 156 and associated parts are exactly like the levers and indicating mechanism shown in the preferred construction, the same only being made of a proper size to fit into a notched out or recessed portion 160 in the back of the block so as not to take up any considerable amount of space. In operating this form of container all that is necessary is to pull outward any of the pointers 141 that may be desired and which points to the subject concerning which you desire information. Upon pulling outward of any of the pointers 141 the corresponding selector 146 will be raised and all of the cards 143 containing information on that particular subject will be pivotally raised to a distinctive position. In using this container a locking rod 161 is preferably used though not essentially, and when used the same is adapted to pass through an aperture in the card with its center co-incident with the pivotal point of the card so that the card may have a free pivotal movement regardless of the locking rod. A slot is also formed in the card and extends through the positioning member 144 so as to permit the insertion or withdrawal of the card whenever desired. The locking rod also passes through a positioning member 162 formed on the follower block 154, and consequently assists in holding the block in position.

In Figs. 32 to 38 inclusive is shown a container in which the pivotal point of a card therein is centrally and near one end, and the various mechanism of the container is so arranged as to accommodate such a card and to properly operate the same. Referring more particularly to these figures by numerals, 163 indicates a container hav-

ing arranged on its face a divided list 164 that indicates the information contained on the respective cards. In addition is seen on the face of the container pointers and operating knobs 165 that are pulled to an outer position when it is desired to operate or throw to a distinct position any of the cards in the container. The pointers 165 are connected with the operating slides 166 that move to any operative or inoperative position the respective selectors 167. The selectors 167 are made identical with the preferred structure as seen in Fig. 2, and will need no further description except that the selectors that are mounted on one side of the container are formed with beveled faces for engaging the respective governing members 168 of the card. The guiding screw or bolt 169 is preferably curved in order to minimize the width of the selectors 167 that are mounted on the side of the container. A straight bar or rod could be used as in the preferred structure provided the respective selectors are made a trifle wider. The selectors mounted in the bottom of the container are constructed and arranged identical with the selectors 146 shown in Fig. 27, and will therefore need no further description. The governing members 168 on the cards are arranged either on the end or bottom so as to engage any of the respective selectors that may be desired. However, all of the cards are supplied with a governing member at the space marked 7 and the selector 167 arranged beneath said space when operated will elevate all of the cards so that after the cards have been elevated any of the selectors on the side of the container may be operated and then the cards all lowered by the lowering of the selector just mentioned, except those held supported by the selectors on the side of the container. The remaining selectors at the bottom of the container are adapted to simply raise only the cards that they are adapted to select or bring in prominence and are arranged to be moved upward to the different distances so that the selector positioned below spaces 10 will only raise the cards with which it contacts the same distance as the selector positioned below the space indicated by numeral 8. The card has a locking rod aperture that has its center co-incident with the pivotal point of the card so that a locking rod 170 may be used in the container, and yet permit a free movement of the respective cards. A slot is also preferably formed in the cards so that any of the same may be inserted or removed without removing the locking rod. In this container, as more clearly seen in Fig. 33, one of the sides is cut away at 171 for substantially the full length of the container so that any of the cards may be turned upon their pivotal points to a position substantially out of the container. In addition to the cut away portion 171 the side of the container is also cut away at 172 for accommodating that part of the card that projects beyond the pivotal point of the card.

Secured in the container are rests 173 and 174 that are adapted to support all of the cards when in a normal position, and in addition supports and has clamped thereto a follower block 175 that is provided with a pair of latches 176 and 177 which in turn have formed thereon extensions or lugs 178 and 179 that are normally forced beneath rests 173 and 174. The latches 176 and 177 are pivotally mounted at 180 and 181 to the block 175. A spring 182 is held in place by a pin 183 and a thin strip or bar 184 and is arranged to have its ends engage the latches 176 and 177 and force the same normally outward so that the teeth 184—184 may engage the teeth on the respective rests 173 and 174. Preferably spring 182 is formed integral, as seen in Fig. 38, but if desired a pair of springs may be used. By this construction it will be observed that the latches not only prevent the removal of the follower block by an upward movement, but prevent the same from being moved longitudinally except in one direction, unless the latches are previously operated.

Figs. 39 to 45 inclusive disclose a slightly modified form of container and how the same is designed to operate; namely, how the respective cards positioned in the container have their pivot points at one end and near the upper edge. Referring more particularly to these figures, 185 indicates a container having a plurality of selectors 186 on one side and a cut away portion 187 on the opposite side. In addition to the selectors 186 which are used in this container, selectors 188 are arranged in the bottom of the container to one side of the trough shaped member 189 that is adapted to accommodate positioning member 190 formed on card 191. The selectors 186 and 188 are similar to the selectors disclosed in Figs. 46 and 47 and are arranged to give the same movement to all of the cards around its pivotal point regardless of the position of the selector. For instance the selector positioned opposite the space 11 on card 191 and near the pivotal point of the card is adapted to have only a small rise in its slot as indicated at 153 in Fig. 47, while the selector opposite space 6 is adapted to have a comparatively long rise in slot 153 as shown in Fig. 47. All of the selectors 186 are thus arranged to be forced out different distances in order to move cards 191 the same distance regardless which selector is moved. This arrangement is also provided in regard to selectors 188 positioned in the

bottom of the container; namely, the selectors nearest the pivotal point of the card moving the shortest distance and the selectors farthest from the pivotal point of the card moving the greatest distance. Upon the opposite side to the cut away portion 187 are arranged the selectors 186 and also a slot or cut away portion 192 for forming a rest for cards 191 when the same have been moved or swung upon their pivotal points to the dotted position shown in Fig. 40. Preferably a locking rod 193 is provided and is positioned in locking rod orifices that are formed with their centers co-incident with the pivotal points of the card so that the respective cards may be freely swung around the locking rod and yet held in proper position. On the front of the container is a divided list 194 that is simply a single list of subjects but divided into two parts in order that the pointers 195 which are connected to their respective selectors may have the proper subject matter arranged opposite thereof. Positioned in the container are rests 196 and 197 which support the cards 191 when in their normal or lowered position, and also support a follower block 198. The rests 196 and 197 have teeth formed on one edge for accommodating teeth 199 and 200 formed on latches 201 and 202. The latches 201 and 202 have projecting therefrom extensions or lugs 203 and 204 that prevent the follower block 198 from being moved from off the rests when positioned beneath the same. Latches 201 and 202 are pivotally mounted at 205 and 206 respectively to the follower block 198. Pivotally mounted at 207 is a pair of levers 208 and 209 that are crossed and have formed in their lower ends slots 210 and 211 for accommodating the ends of spring 212 that is adapted to normally hold separated the lower ends of the levers, and at the same time to cause the latches 201 and 202 to have their lower ends forced outward and the teeth 199 and 200 forced into engagement with the teeth on the rests 196 and 197. Spring 212 is secured to the bottom of follower block 198 by any desired means as a screw and is guided and held properly to its work by a strip or bar of metal 213 which is bent upward at 214 and has pivotal member 207 passing therethrough as well as through the levers 208 and 209. By this construction and arrangement whenever it is desired to move the follower block 198 longitudinally of the rests or to move the follower block entirely out of the container all that is necessary is to force the upper ends of the levers 208 and 209 together which will disengage latches 201 and 202 from the rests 196 and 197 and permit any movement desired of the follower block. Immediately upon the release of the levers 208 and 209 spring 212 will force latches 201 and 202 back into their normal position so that extensions 203 and 204 will be beneath the respective rests and teeth 199 and 200 will be in engagement with the teeth of the rests.

What I claim is:

1. In a card index, a container formed with grooved means in the bottom thereof for supporting rotatably mounted cards having a portion formed complementarily with respect to the grooved member.

2. In a card index, a container formed for receiving cards movable on a pivotal point, means for pivotally supporting the cards positioned in said container, centrally and at the bottom of the container, means for moving any of said cards that are designed to be brought to a distinctive position around its pivotal point, and a locking rod passing through the cards positioned in said container.

3. In a card index, a container adapted to receive a complement of cards, a positioning member for said cards arranged in the bottom and centrally of the container for governing the position of said card, and means for moving said cards to a distinctive position.

4. In a card index, a container adapted to receive a complement of cards, a trough shaped positioning member arranged in the bottom of said container for governing the position of said complement of cards, and means for moving said cards to distinctive positions, said trough-shaped positioning member adapted to receive projections extending from the bottoms of the cards.

5. In a card index, a container, a trough shaped positioning member arranged in the center of the bottom of the container for regulating the position of the cards positioned in the container, means for moving any of said cards to a selected position, and a locking rod passing through all of said cards for preventing the removal of the same, said trough-shaped positioning member adapted to receive projections extending from the bottoms of the cards.

6. In a card index, a container arranged to receive a plurality of cards, a stationary trough shaped member positioned in the center of the bottom of the container for regulating the position of said cards, and means for moving any of said cards to a distinctive position, said trough-shaped positioning member adapted to receive projections extending from the bottoms of the cards.

7. In a card index, a container for receiving a complement of cards, a trough shaped positioning member arranged centrally of the bottom of the container for governing the position of said complement of cards, a locking rod for holding in position all of said cards, and means for pivotally moving

said cards to a selected position, said trough-shaped positioning member adapted to receive projections extending from the bottoms of the cards.

8. In a card index, a container adapted to receive a complement of cards, a positioning member upon which are pivotally mounted the cards for regulating the position of said cards, and selectors moving at right angles to the bottom of the container and maintaining a parallel relation thereto for moving any of said cards to a selected position.

9. In a card index, a container for receiving a complement of cards, a positioning member upon which are pivotally mounted the cards for regulating the position of said cards, and selectors arranged on each side of said positioning member and adapted to move in a direction at right angles to the bottom of the container but maintaining a parallel relation thereto for raising to a selected position a plurality of groups of said cards.

10. In a card index, a container adapted to receive a complement of cards, a positioning member upon which are pivotally mounted the cards arranged in said container and adapted to govern the position of said cards, and parallel moving selectors arranged on each side of said positioning member for raising all of the cards in said complement horizontally that relate to a plurality of allied subjects, and moving pivotally all of the cards of the complement that relate to only one of the subjects contained on the cards moved horizontally.

11. In a card index, a container for receiving a complement of cards, a positioning member for regulating the position of said cards, the cards pivotally mounted upon the positioning member and parallel moving selectors for engaging the cards.

12. In a card index, a container adapted to receive a complement of cards, a positioning member for regulating the position of said cards, the cards pivotally mounted upon the positioning member and parallel moving selectors arranged in groups on the bottom of the container for forcing and maintaining in a distinctive position said cards.

13. In a card index, a container adapted to receive a complement of cards, a positioning member upon which are pivotally mounted the cards arranged centrally at the bottom of the container for regulating the position of said cards, and parallel moving selectors arranged in groups on each side of said positioning member for engaging the cards for supporting the same in a distinctive position.

14. In a card index, a container, a positioning member arranged in the bottom of said container, selectors arranged on each side of said positioning member, and slidingly mounted means for supporting said selectors and said positioning members in the bottom of said container.

15. In a card index, a container adapted to receive a complement of cards, a positioning member arranged in the bottom of the container, sliding supports connected with the positioning member whereby the same may be removed, selectors connected with said sliding supports and arranged to force to a selected position the respective cards of said complement of cards, and a locking rod for holding all of said cards in position.

16. In a card index, a container adapted to receive a complement of cards, a positioning member arranged on the bottom of the container for varying the position of said cards, and rest ledges for supporting said complement of cards when in an inoperative position.

17. In a card index, a container adapted to receive a complement of cards, a positioning member secured to said container in the bottom thereof, selectors for forcing to a selected position the respective cards of said complement of cards, and a rest on each side of said container for supporting said complement of cards when in an inoperative position.

18. In a card index, a container adapted to receive a complement of cards, a positioning member arranged centrally and in the bottom of said container for holding in proper position said cards, rest ledges arranged on each side of said positioning member, and selectors for moving to a selected position and holding in such position the respective cards of said complement of cards.

19. In a card index, a container adapted to receive a complement of cards, a positioning member arranged in the bottom of said container, selectors for sustaining any of said cards in a selected position that are desired to be brought into prominence, rests for supporting said cards when not in a selected position, and a follower block resting on said ledges for preventing spreading of said cards.

20. In a card index, a container adapted to receive a complement of cards, a positioning member positioned in the bottom of the container, means for holding any of said cards in a selected position that are desired to be brought into prominence, rest ledges for supporting said cards not in a selected position, and a follower block positioned on said ledges and formed with means for adjustably securing the follower block to the ledges.

21. In a card index, a container for receiving a complement of cards, a positioning member arranged in the bottom of said

container for holding said cards correctly in position, rest ledges for supporting said cards when in an inoperative position, selectors for sustaining said cards in a selected position, and means for raising said cards to said selected position.

22. In a card index, a container adapted to receive a complement of cards, a positioning member mounted in the bottom of said container for holding in correct position said cards, selectors for holding in the selected position said cards, means for moving said cards to said selected position, rests for supporting said cards when not in a selected position, said rests being formed with notch shaped edges, a follower block mounted on said rests for holding said cards from spreading, and means secured to said follower block and engaging said notches for adjustably securing said follower block to said ledges.

23. In a card index, a container adapted to receive a complement of cards, means for holding in a selected position said cards, rests for supporting said cards that are not raised by said means, a follower block resting on said rests, a pair of levers formed with projecting ends pivotally mounted to said follower block and having their projecting ends engaging the under side of said rests, and means for normally keeping said levers spread for causing the projecting ends thereof to engage the under side of said rests.

24. In a card index, a container adapted to receive a complement of cards, means for elevating any of the cards desired to be raised to a distinctive position, rests for supporting said cards when in a normal position, a follower block positioned on said rests, a clamping member secured to said follower block and adapted to clamp the follower block to the rests, and a spring for normally holding the clamping means in a clamped position for resisting the movement of said follower block in one direction.

25. In a card index, a container formed with beveled inner walls, means for pivotally supporting a complement of cards in said container, selectors for pivotally moving said cards to a distinctive position, said beveled walls permitting said movement, means slidably mounted in said container for supporting said selectors, rests secured to said means, and a follower block clamped to said rests.

26. In a card index, a container adapted to receive a complement of pivotally mounted cards, a positioning member arranged centrally of the bottom of the container, a locking rod for holding said complement of cards in position, a plurality of selectors adapted to move at a right angle to the bottom of the container but maintaining a parallel relation thereto for moving into a selected position any of said cards in said complement of cards, means for movably securing said selectors in position, and means for adjustably securing a follower block in said container for holding said complement of cards in correct position.

27. In a card index, a container adapted to receive a complement of cards that have their pivotal points arranged centrally and near the bottom edge, a locking rod for holding said cards in position, a movable positioning member for regulating the position of said cards, a plurality of selectors arranged to move at a right angle to the bottom of the container but remaining in a parallel relation thereto for selecting the cards designed to be brought to a distinctive position, rests for supporting said cards when in a normal position, a follower block resting on said rests, and means for clamping said follower block to said rest.

28. In a card index, a container adapted to receive a complement of cards having their pivotal points centrally and near the bottom edge of the cards, a positioning member arranged to move at a right angle to the bottom of the container but maintaining a parallel relation thereto for regulating the position of said complement of cards, means for sustaining in a distinctive position any of said complement of cards, and rests for supporting said cards when in a normal position.

29. In a card index, a container adapted to receive a complement of cards, a movable positioning member arranged centrally of the bottom of the container for raising the cards positioned therein, selectors arranged on each side of the positioning member for sustaining in a distinctive position any of the cards designed to be selected, rests for supporting all the cards in the container when in a normal position, a follower block positioned on said rests, a pair of clamping levers pivotally mounted on said follower block for clamping the same to said rests, and means for causing said clamping levers to clamp said rests and at the same time to permit the movement of said follower block in one direction only.

30. In a card index, a container adapted to receive cards having a pivotal point centrally and near their bottom edges, a locking rod for locking in position said cards, a movable trough shaped positioning member for regulating the position of said cards, a plurality of selectors adapted to hold in a distinctive position said cards arranged to move at a right angle to the bottom of the container but in a parallel relation thereto, rest ledges, means for withdrawably securing said rest ledges and said selectors in the bottom of said container, a follower block positioned on said rest ledges, and means

for clamping said follower block to said ledges.

31. In a card index, a container formed with a beveled inner side adapted to accommodate a complement of cards having their pivotal points near one edge, the beveled side accommodating any pivotal movement of said cards, a positioning member engaging said cards at their pivotal points for holding the same in a correct position, a plurality of selectors for holding in an elevated position any of said cards designed to be brought to a selected position, a plurality of rests for supporting said cards when in a normal position, a follower block, a pair of clamps slidably secured to said follower block, pivotally mounted levers connected with said clamps for disengaging the same, and means for normally holding said clamps in contact with said rests.

32. In a card index, a container adapted to receive cards having their pivotal points near one edge, a positioning member for regulating the position of said cards, selectors for holding in a distinctive position any of said cards that are designed to be held in a selected position, rests for supporting said cards when in a normal position, a follower block resting on said rests, and clamping means engaging the upper and the under surface of the rests at the same time for clamping said follower block to said rests and for permitting movement of said follower block in one direction only.

33. In a card index, a container adapted to receive a complement of cards having their pivotal points centrally and near one edge, a positioning member for regulating the position of said cards, a plurality of selectors arranged in groups for sustaining any of said cards in a distinctive position that are designed to be brought to a selected position, means for slidably securing said positioning member in said container, a plurality of rests for supporting said cards when in their normal position, a follower block, and means for clamping said follower block to said rests.

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

JOSEPH E. RALPH.

Witnesses:
KATE BUERCK,
MAX A. ERN.