

H. FERGE AND A. WUCHTERL.
RECORD CABINET.

APPLICATION FILED JUNE 30, 1921.

1,436,026.

Patented Nov. 21, 1922.

2 SHEETS—SHEET 1.

FIG. 1

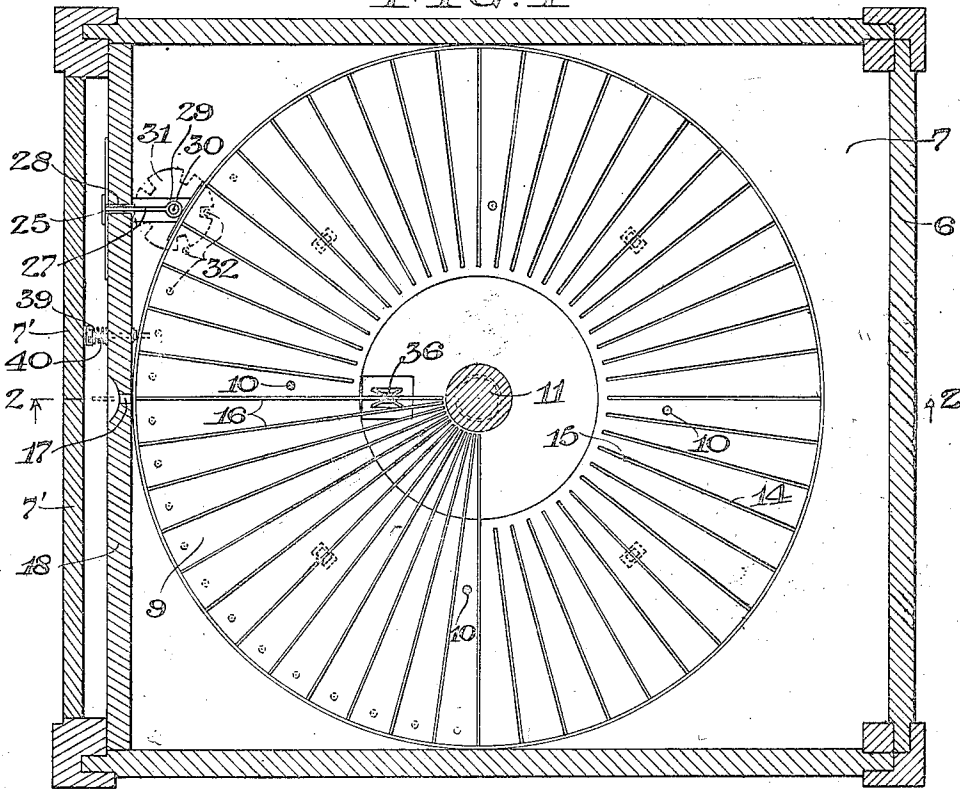
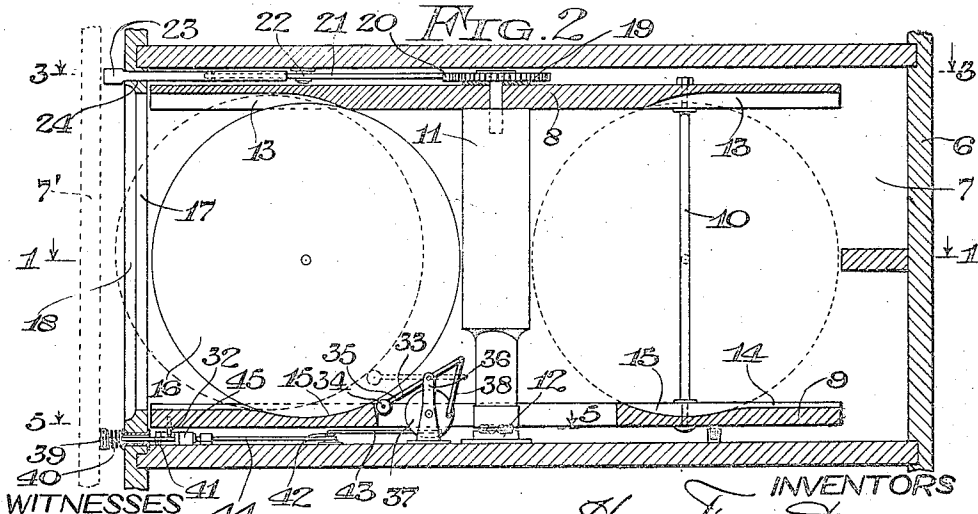


FIG. 2



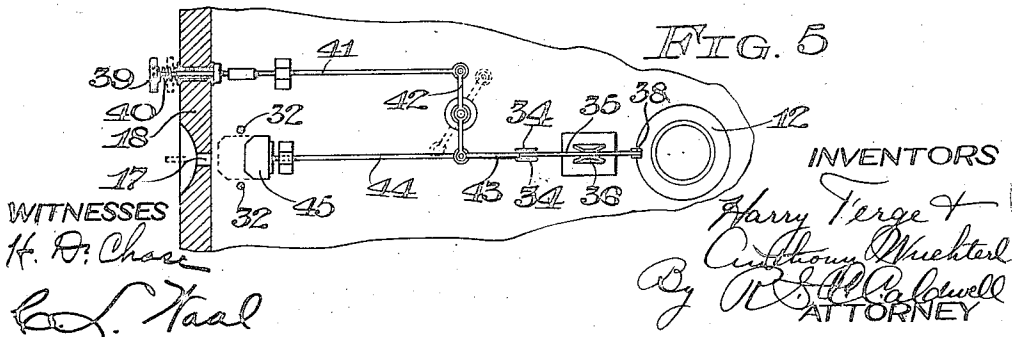
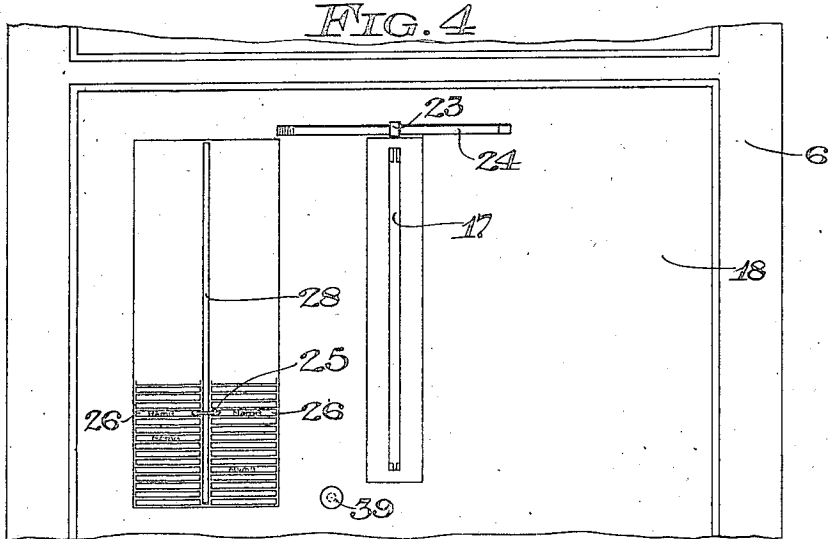
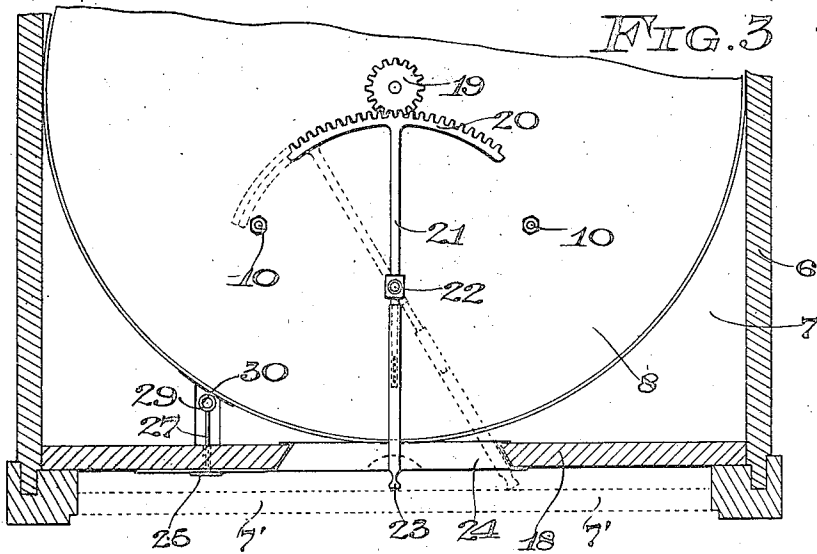
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UNITED STATES PATENT OFFICE.

HARRY FERGE AND ANTHONY WUCHTERL, OF MILWAUKEE, WISCONSIN.

RECORD CABINET.

Application filed June 30, 1921. Serial No. 481,598.

To all whom it may concern:

Be it known that we, HARRY FERGE and ANTHONY WUCHTERL, citizens of the United States, and residents of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented new and useful Improvements in Record Cabinets, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

The invention relates to phonograph record cabinets.

One of the objects of the invention is to provide a record cabinet in which only one record can be taken out from the cabinet at a time.

A further object of the invention is to provide a revoluble record holder adapted to be mounted in a compartment in the phonograph cabinet with the records radially disposed in said holder, and simple mechanism for moving a record to a position for removal from the cabinet.

A further object of the invention is to provide an indicator operable in conjunction with the record holder to indicate which record is in position for removal from the cabinet.

The invention further consists in the several features hereinafter set forth and more particularly defined by claims at the conclusion hereof.

In the drawings: Fig. 1 is a sectional view through a device embodying the invention, taken on the line 1—1 of Fig. 2; Fig. 2 is a sectional view taken on the line 2—2 of Fig. 1; Fig. 3 is a detail sectional view taken on the line 3—3 of Fig. 2; Fig. 4 is a front view of the device; Fig. 5 is a detail sectional view taken on the line 5—5 of Fig. 2.

In the drawings the numeral 6 designates a phonograph cabinet having a record compartment 7 formed therein and the usual door 7'.

The record holder includes a pair of spaced disks 8 and 9 secured together by bolts 10, the upper disk 8 being mounted on a post 11 journaled at its lower end on a bearing 12. The disk 8 is provided with a plurality of radially disposed grooves 13 and the annular disks 9 with radially disposed grooves 14 terminating in pockets 15. The grooves 13 aline with the grooves 14 so that a record 16 introduced through a slot 17 in the face 18 of the compartment may be received by a set of grooves in the

holder, the grooved disks forming a storage rack for the records. The radial disposition of the grooves in the holder permits storing a great number of records in a relatively small space.

A gear 19 is mounted on the top of the holder and meshes with a segmental rack 20 carried by a lever 21 pivoted at 22 and having a handle 23 projecting through a slot 24 in the face of the compartment within reach of the operator. By oscillating the lever 21 the record holder is caused to turn and in this manner the holder is turned to bring the desired record in line with the slot 17.

The particular record in position for delivery is ascertained by means of an indicator including a vertically movable pointer 25 and cooperating with lists of the names of the selections to be found on each side of the records, said pointer being mounted on a rod 27 projecting through a slot 28 and having a threaded end 29 fitting a screw shaft 30 which carries a gear 31 adapted to mesh with pins 32 projecting from the disk 9 so that as the record holder is revolved the rod 27 is moved longitudinally and the pointer 25 is moved thereby to a position opposite the name of the selection on the record then in a position for removal from the compartment.

It is desirable that but one record be removed at a time and for this purpose it will be noted that the slot 17 only allows for the removal of one record. In order to facilitate the removal of the records a lifting finger 33 in the form of spaced bevelled disks 34 mounted on a rod 35 is pivotally mounted on a bracket 36 which also has a disk 37 journaled therein and connected by a link 38 with the rod 35. The disk 37 is oscillated by means of a spring-pressed push button 39 at the front of the compartment, including a spring 40 and a push rod 41 pivotally connected to one end of a swinging lever 42, the other end of said lever being operatively connected to said disk 37 by means of a link 43. Pressing inwardly on the push button will, through the rod 41, lever 42, link 43, disk 37 and link 38, cause the disks 34 to move upwardly to receive the edge of the record between them and to roll said record from its pocket 15 and move it to a position where it projects slightly through the slot 17, as indicated in dotted lines in Fig. 2, in which position it may be readily with-

drawn from the compartment. The disk 9 is of annular shape and the finger 33 with its associated parts is disposed within the central opening of said disk.

5 While the record is being removed or replaced it is desirable to hold the record holder in a fixed position and this is done by connecting a locking or brake rod 44 to the lever 42, said rod having a wedge-shaped
10 head 45 movable into engagement with any one set of a pair of the pins 32 on the disk 9 to lock the record holder in a discharging position. On a release of the push button 39 the spring 40 will, through the linkage
15 connections above described, release the head 45 from engagement with the pins 32.

From the foregoing description it will be observed that any particular record may be delivered to a position for removal.

20 We desire it to be understood that this invention is not to be limited to any particular form or arrangement of parts except in so far as such limitations are specified in the claims.

25 What we claim as our invention is:

1. A record storing device comprising a cabinet, a record holder in said cabinet having radially extending record racks,
30 means for rotating said holder, a finger wholly within the cabinet engageable with the edge of any record to advance it for removal from the cabinet, said holder having an opening therein to permit operation of
35 said finger and a push button exterior of the cabinet operatively connected to said finger.

2. A record storing device comprising a cabinet, a rotatable record holder in said cabinet having radially extending record
40 racks, means for rotating said holder, a finger within the cabinet having spaced bevelled disks receiving the edge of a record between them to advance it for removal from the cabinet, and a push button exterior of the cabinet operatively connected to said
45 finger.

3. A record storing device comprising a cabinet, a rotatable record holder in said cabinet having radially extending record
50 racks, means for rotating said holder, a finger within the cabinet engageable with any record to advance it for removal from the cabinet, a push button exterior of the cabinet operatively connected to said finger, and means distinct from said finger also associated with said push button to maintain
55 the holder in a stationary position while removing the record.

4. A record storing device comprising a cabinet, a rotatable record holder in said
60 cabinet having a pivot post, an upper disk provided with radially disposed record-receiving recesses, a lower annular disk pro-

vided with radially disposed record-receiving recesses alined with the recesses in the upper disk, and rods connecting said disks
65 together, a finger within the cabinet operable between the post and inner edge of said lower disk to engage with the edge of any record in the holder to advance it for removal from the cabinet, and means for op-
70 erating said finger.

5. A record storing device comprising a cabinet, a record holder in said cabinet having radially extending record racks, means
75 for rotating said holder, a finger within the cabinet engageable with any record to advance it for removal from the cabinet, a brake member distinct from said finger and engageable with the holder to maintain it in a stationary position while a record is being removed, and means for operating
80 said finger and brake member.

6. A record storing device comprising a cabinet, a record holder in said cabinet having radially extending record racks, means
85 for rotating said holder, said holder having a series of radially arranged spaced pins, a finger operable within an open space in the holder and engageable with any record to advance it for removal from the cabinet, a
90 brake member engageable with adjacent pins to maintain the holder in a stationary position while a record is being removed, and means for operating said finger and brake member.

7. A record storing device comprising a cabinet, a record holder in said cabinet having radially extending racks, means for rotating
100 said holder, an oscillatory finger wholly within the cabinet and engageable with any record to advance it for removal, a brake member engageable with the holder to maintain it in a stationary position while a record is being removed, a lever operatively
105 connected to said finger and brake member, and a push button exterior of the cabinet operatively connected with said lever.

8. A record storing device comprising a cabinet, a rotatable record holder in said cabinet having radially extending record
110 racks, means for rotating said holder, said cabinet having a delivery opening, a vertically disposed rotatable feed screw, a driving connection between said shaft and said holder, and a vertically movable pointer connected to said feed screw and moved there-
115 by, said pointer adapted to cooperate with an exposed list of records to indicate the particular record in position for removal through said opening.

In testimony whereof, we affix our signatures.

HARRY FERGE.
ANTHONY WUCHTERL.