(No Model.) 2 Sheets—Sheet 1.

O. P. LOCHMANN.

NOTE DISK HOLDER.

No. 573,017. Patented Dec. 15, 1896.

Fig. 1.

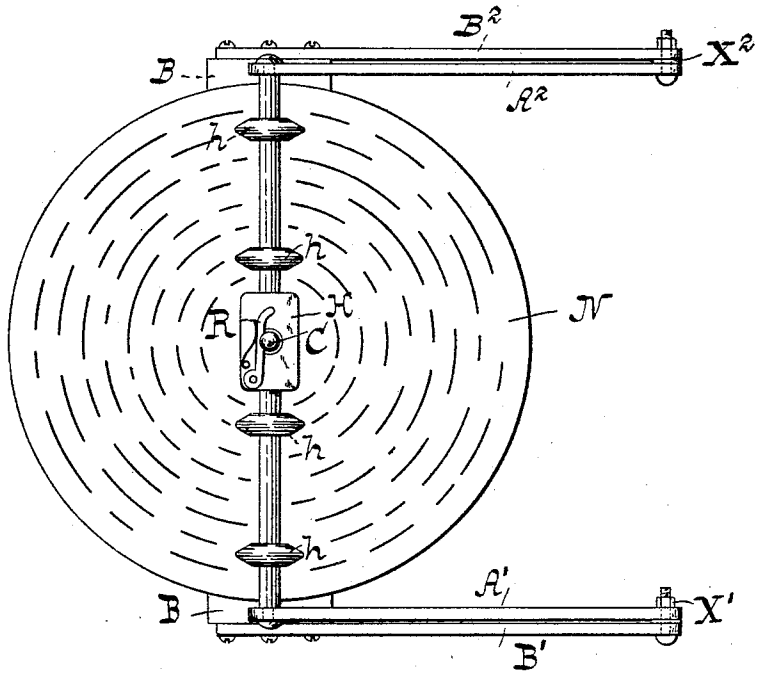
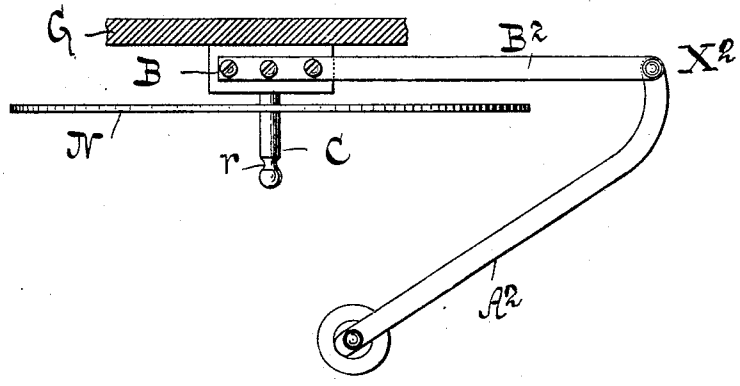


Fig. 2.



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(No Model.) 2 Sheets—Sheet 2.

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Fig. 3.

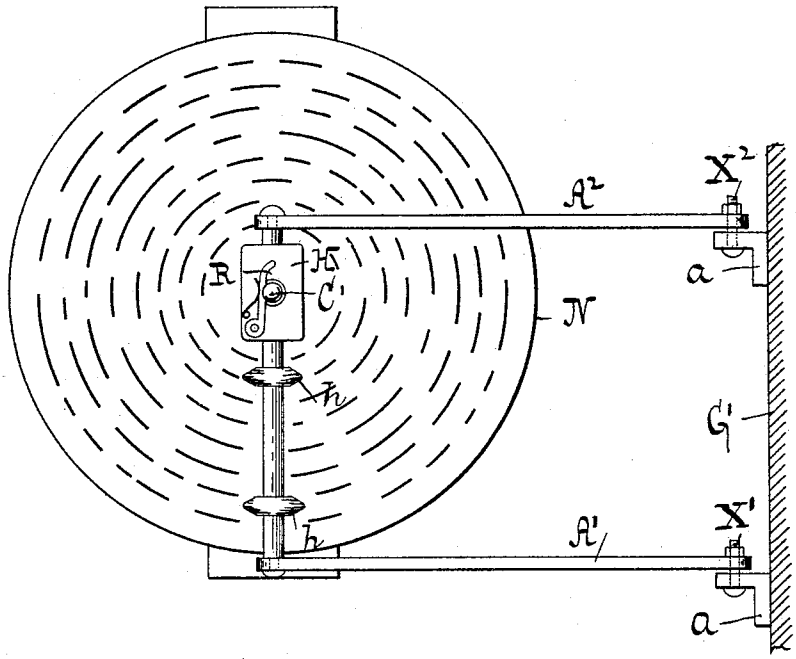
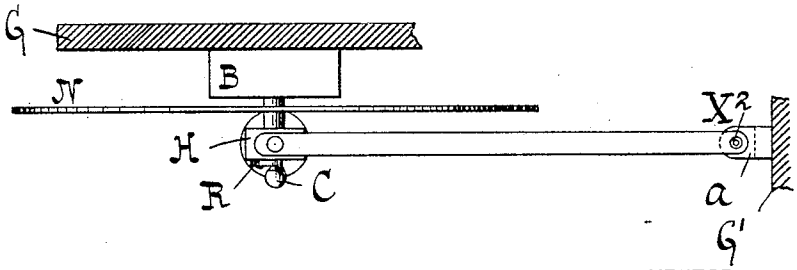


Fig. 4.



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UNITED STATES PATENT OFFICE.

OSKAR PAUL LOCHMANN, OF LEIPSIC, GERMANY.

NOTE-DISK HOLDER.

SPECIFICATION forming part of Letters Patent No. 573,017, dated December 15, 1896.

Application filed May 20, 1896. Serial No. 592,359. (No model.)

To all whom it may concern:

Be it known that I, OSKAR PAUL LOCHMANN, a subject of the King of Saxony, and a resident of Leipsic, Saxony, Germany, have invented certain new and useful Improvements in Note-Disk Holders, of which the following is a specification.

My invention has reference to improvements in note-disk holders for mechanical musical instruments, and has for its object to produce a uniform pressure of the note-disk against the reeds or other sounding mechanism under all circumstances. Heretofore the note-disk holder has been constructed to swing longitudinally at an angle with respect to the note-disk, the same having been hinged at one end at a point outside of the note-disk, while its opposite end was fastened to the center-pin after being pressed against the note-disk. In view of this arrangement the least deviation from the normal position caused an unevenly-distributed pressure against the note-disk. According to my invention I support the note-disk holder upon one or more hinged arms, the line of hinges being parallel to the plane of the disk.

The nature of my invention will best be understood when described in connection with the accompanying drawings, in which—

Figure 1 represents a bottom view of the note-disk and holder embodying my invention. Fig. 2 is an elevation of the same with part of the cover of the casing in section. Figs. 3 and 4 are similar views illustrating a modified form.

Similar letters of reference designate corresponding parts throughout the several views of the drawings.

Referring at present to Figs. 1 and 2 of the drawings, the letter H designates the note-disk holder, provided with a number of anti-friction-wheels *h*, adapted to bear upon the note-disk N, which latter is centered on the center-pin C, as usual.

The note-disk holder is secured to two arms $A' A^2$, which are hinged by pivot-pins $X' X^2$ to arms $B' B^2$, secured to blocks B, attached to the cover G or other suitable part of the casing. The axis of the hinges $X' X^2$ is arranged in a plane parallel to the plane of the note-disk, so that the holder swings in parallel lines with respect to the plane of the note-disk.

The note-disk holder is centrally apertured, so as to pass over the center-pin C, and is provided with a spring-catch R, which engages with a groove *r* in the center-pin to lock the holder when it is against the note-disk N. In Figs. 3 and 4 I have shown the note-disk holder provided with antifriction-wheels *h* located only on one side of the center-pin C, the arms $A' A^2$ being also pivoted directly at X' and X^2 to brackets *a a*, secured to the side G' of the casing.

In Fig. 4 the note-disk holder is shown in its operative position and locked by the spring-catch R.

The note-disk holder may be used in connection with note-disks driven directly by the motor, or it may be placed against a separate driving-disk. It is also evident that the note-disk holder may be supported in a hinged yoke and may be secured to the center-pin by any suitable device other than that described.

What I claim as new is—

1. A note-disk holder supported on a hinged arm or arms and adapted to swing in parallel lines with respect to the plane of the note-disk, substantially as and for the purpose set forth.

2. A note-disk holder supported on hinged arms having their axis of oscillation parallel to the plane of the disk, combined with a center-pin and a locking device for the note-disk holder, substantially as described.

3. A note-disk holder supported on hinged arms having their axis of oscillation parallel to the plane of the disk, combined with a grooved center-pin and a spring-pressed catch on the holder adapted to engage with the center-pin, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

OSKAR PAUL LOCHMANN.

Witnesses:

B. METHE,

E. RAABE.