

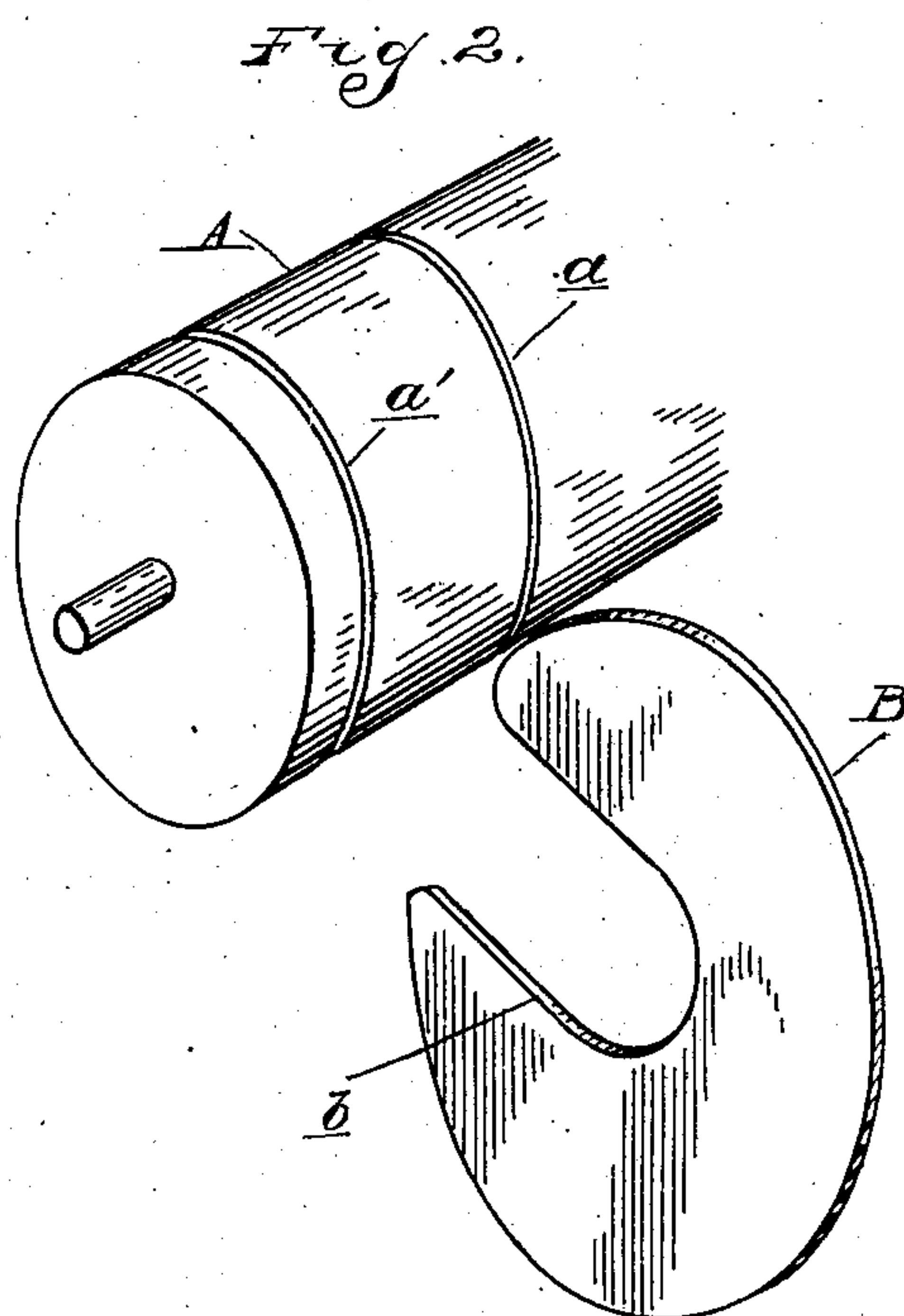
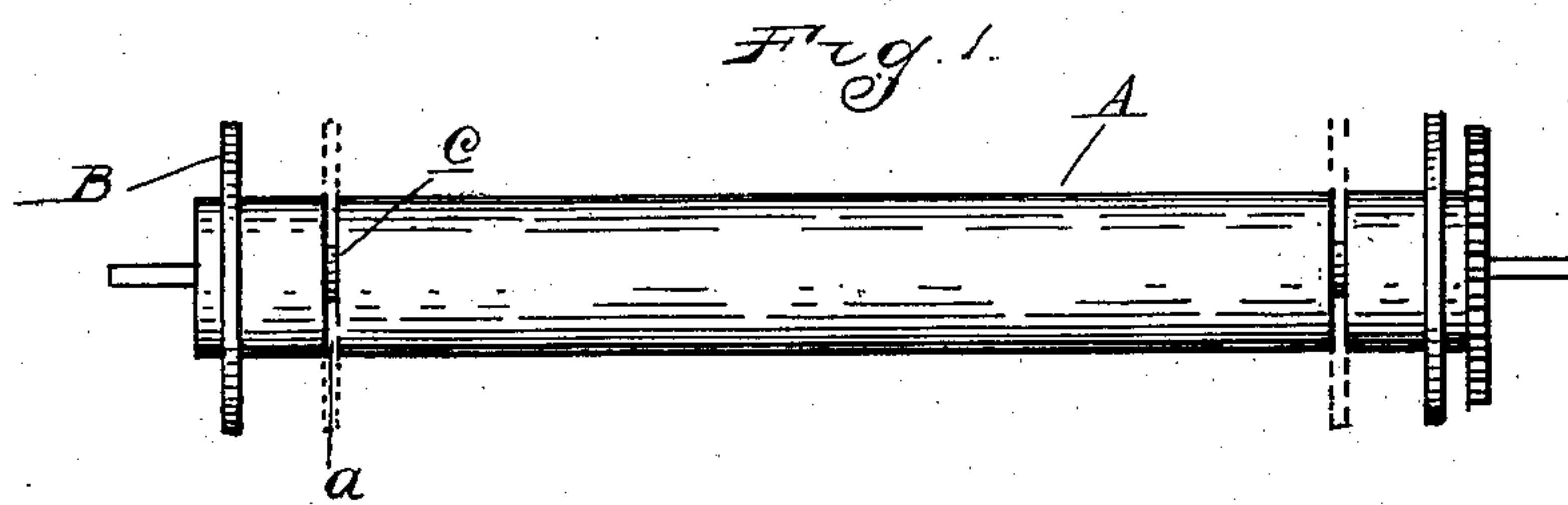
No. 741,463.

PATENTED OCT. 13, 1903.

J. COURVILLE.
MUSIC ROLL FOR MECHANICAL PLAYERS.

APPLICATION FILED AUG. 11, 1903.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

JOSEPH COURVILLE, OF DETROIT, MICHIGAN, ASSIGNOR TO FARRAND ORGAN COMPANY, OF DETROIT, MICHIGAN, A CORPORATION OF MICHIGAN.

MUSIC-ROLL FOR MECHANICAL PLAYERS.

SPECIFICATION forming part of Letters Patent No. 741,463, dated October 13, 1903.

Application filed August 11, 1903. Serial No. 169,082. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH COURVILLE, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Music-Rolls for Mechanical Players, of which the following is a specification, reference being had therein to the accompanying drawings.

10 The invention relates to pneumatic players for musical instruments, and has more particular reference to the rolls upon which the perforated music-sheets are wound.

In the present state of the art the width of 15 music-sheet used in various constructions of pneumatic players is not uniform. In order to permit of using various widths of music on the same instrument, adjustable trackers have been provided which may be adapted for 20 use in connection with the various forms of music-sheet. It is necessary that the winding-roll, which is usually permanently attached to the player, should be of sufficient length to receive the widest music-sheet used 25 on the instrument, and it is further necessary that provision should be made for guiding the music-sheets when wound upon said roll, so as to insure exact registration with the tracker.

It is the object of the present invention to 30 obtain a simple construction of music-winding roll, which is provided with adjustable guides adapted to cooperate with music-sheets of various widths.

To this end the invention consists in the 35 construction as hereinafter set forth.

In the drawings, Figure 1 is an elevation of a music-winding roll to which my improvement is applied. Fig. 2 is a perspective view of one end of said roll with the adjustable 40 guide detached therefrom.

A is the music-winding roll, and B represents flanges which form guides for the opposite edges of the music-sheet while being wound on the roll. The flanges B are adjust- 45 ably secured to the roll A by providing the latter with a plurality of circumferential kerfs

a, which are of such a width as to receive the flanges B. These flanges B are in the form of disks, preferably formed of metal and of a thickness to enter the kerf *a* and at the same 50 time to frictionally engage with the roll so as to be retained in position thereon. The disks are cut away at *b* to form a radial entering-slot of sufficient width to receive the uncut core *c* of the roll A. The slot *b* terminates at 55 its inner end in a rounded edge adapted to fit around the core *c* and to hold the flange B concentric with the roll A.

With the construction described whenever the width of music is changed it is only nec- 60 essary to detach the flange B from one of the kerfs, as *a'*, and to reengage it with another kerf, as *a*. In either position the friction is sufficient to hold the flange in place, so that it will form a guide for the music-sheet dur- 65 ing winding.

What I claim as my invention is—

1. In a pneumatic player for musical instruments, the combination with a circumferentially-kerfed music-winding roll, of a slot- 70 ted disk for engaging the kerf in said roll to form a guide-flange for the music.

2. In a pneumatic player for musical instruments, the combination of a circumferentially-kerfed music-winding roll, and a disk 75 for engaging the kerf in said roll having a radial entering-slot therein adapted to receive the uncut core of said roll and to be arranged in concentric relation thereto.

3. In a pneumatic player for musical in- 80 struments, the combination of a music-winding roll having a plurality of circumferential kerfs therein, of a guide-flange for alternatively engaging said kerfs and having an entering-slot therein for receiving the uncut 85 core of said roll.

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

JOSEPH COURVILLE.

Witnesses:

JAS. P. BARRY,

JAMES WHITTEMORE.