

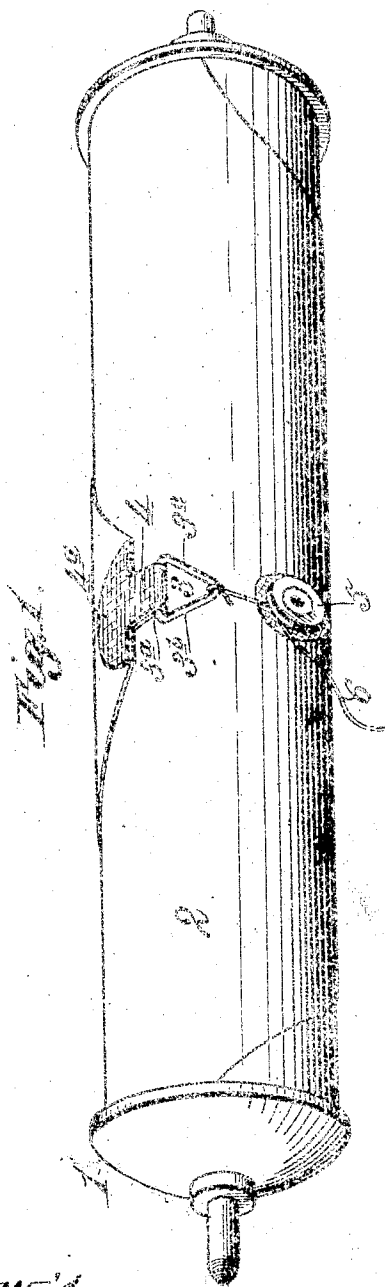
No. 778,205.

PATENTED DEC. 20, 1904.

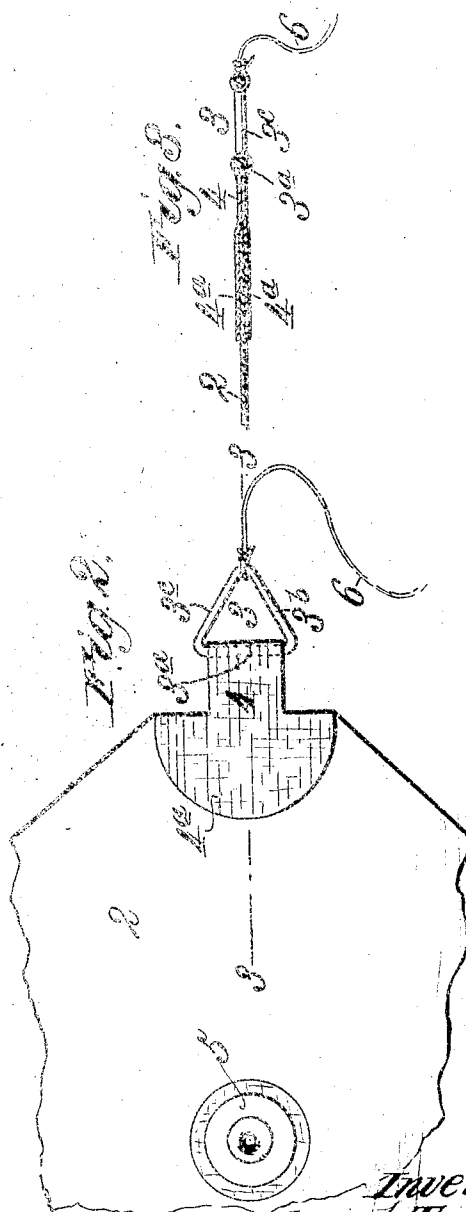
F. TAFT.
MUSIC SHEET.

APPLICATION FILED JULY 19, 1904.

NO MODEL.



Witnesses.
Robert Graft.
James L. Norris, Jr.



Inventor.
Frank Taft.
By James L. Norris.
Att'y.

UNITED STATES PATENT OFFICE.

FRANK TAFT, OF MONTCLAIR, NEW JERSEY, ASSIGNOR TO THE
AEOLIAN COMPANY, OF NEW YORK, N. Y., A CORPORATION
OF CONNECTICUT.

MUSIC-SHEET.

SPECIFICATION forming part of Letters Patent No. 778,205, dated December 20, 1904.

Original application filed June 3, 1904, Serial No. 211,041. Divided and this application filed July 13, 1904. Serial No. 217,240.

To all whom it may concern:

Be it known that I, FRANK TAFT, a citizen of the United States, residing at Montclair, in the county of Essex and State of New Jersey, have invented new and useful Improvements in Music-Sheets, (same being a division of my application for patent, Serial No. 211,041, "Spool for perforated music-sheet," filed June 3, 1904,) of which the following is a specification.

My invention relates to improvements in means for securing the end or extremity of a sheet of music-paper in wound-up condition on a music spool or roll, and has for its object to provide a fastening means of novel construction possessing material advantages over previous fastening devices for such purpose.

To the end stated my invention consists in a fastening device for music-sheets constructed as hereinafter described and claimed, reference being made to the accompanying drawings, illustrating my invention, in which—

Figure 1 is a perspective view of a sheet of music wound upon a music-roll and provided with my improved fastening means. Fig. 2 is an enlarged detail showing a portion of the end of the music-sheet provided with my improved fastening means, and Fig. 3 is a sectional view taken along the line 3-3 of Fig. 2.

In the said drawings the reference-numeral 1 designates generally a music roll or spool, which may be of any approved or suitable construction and upon which is wound a sheet of perforated music 2. The free end or extremity of the sheet of music, which lies outermost when the music-sheet is wound upon the roll, is provided with a securing means one element of which consists of a triangle (designated generally by the numeral 3) preferably constructed of metallic wire, one side, 3^a, of which is disposed within or embraced by the arms of an attaching device 4, whereby the triangle is secured to the end of the sheet of music. This attaching device is preferably constructed of linen or suitably strong paper, having arms 4^a, within which the end of the sheet is located, said arms being glued or cemented to the sheet, whereby the triangle is permanently connected to the sheet. The

sides 3^b and 3^c of the triangle converge to an approximate closed point at the free end of the triangle for the purpose hereinafter set forth.

In rear of the triangle the sheet of paper is provided with a button 5. A flexible connecting means 6, such as twine or cord, is secured at one end to the triangle, and its other or free end is adapted to be wound about the button, as shown in Fig. 1 of the drawings, and thereby securing the end of the music-sheet in wound condition upon the music roll or spool. The side 3^a of the triangle affords a broad straight base of attachment to the music-sheet, whereby the work performed is distributed along that side or arm of the triangle. The converging arms 3^b and 3^c serve initially to direct and guide the flexible connecting medium or cord to the point at their converging ends—that is to say, when the cord is attached initially it may by a slight pull be drawn along one or other of the converging sides and guided or directed to the point occurring at the juncture of said converging sides, where it is maintained always in a proper position to insure a neat and smooth condition of the end of the music-sheet, avoiding the objection, which has heretofore existed in fastening means, of the flexible connecting medium or cord being out of a direct line, which has resulted in the end of the music-sheet when the flexible medium is wound upon the button being carried to one or the other side of the median line of the music-roll, which would result in a looseness of the end of the sheet at one side of the fastening means and undue tightness at the other, which is objectionable and presents liability of the sheet becoming wrinkled or torn in handling for shipment and while being unfastened for use in a mechanical musical instrument or being fastened in wound condition for use.

Having thus described my invention, what I claim is—

1. The combination with a music-sheet, of a fastening device therefor consisting of a triangle, one side or arm of which is secured to the end of the sheet, and the other arms of which converge to an approximate closed point

at the other extremity of the triangle, a button secured to the sheet in the rear of the triangle, and a flexible connecting means secured to the triangle at the juncture of its converging arms, whereby said sheet may be maintained in an accurate, smooth, wound-up condition.

2. The combination with a music-sheet, of a fastening device therefor consisting of a triangle, an attaching device having a pair of arms which inclose or embrace one arm of the triangle and are secured to the ends of the sheet, the other arms of the triangle converg-

ing to an approximate closed point at the free extremity of the triangle, a button secured to the sheet in rear of said triangle and a flexible connecting means secured to the triangle at the juncture of its converging arms, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

FRANK TAFT.

Witnesses:

E. C. THOMPSON,

W. C. MANSFIELD.