

No. 855,851.

PATENTED JUNE 4, 1907.

M. R. HAGETER.  
MUSIC ROLL FASTENER.  
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Fig. 1.

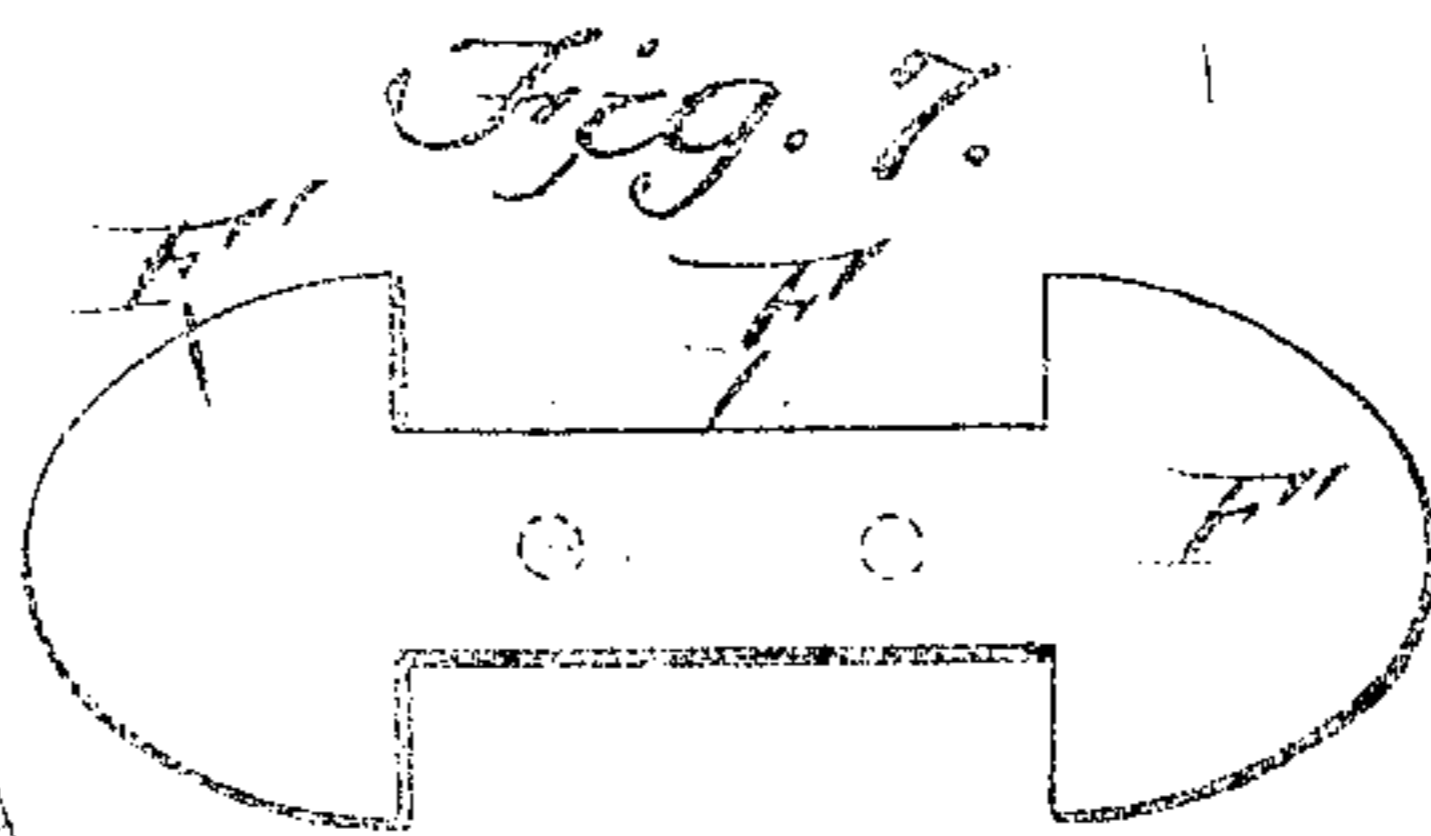
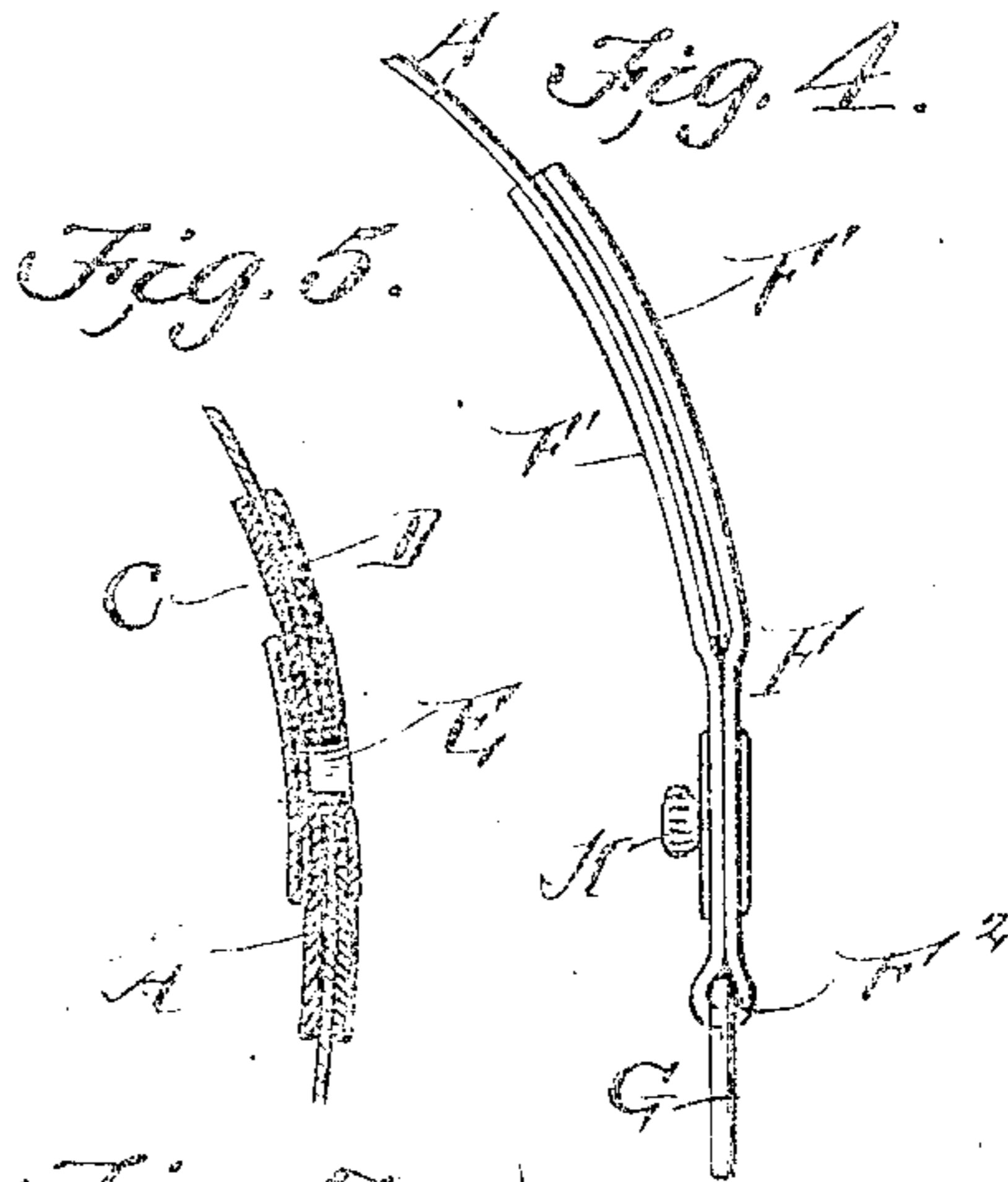
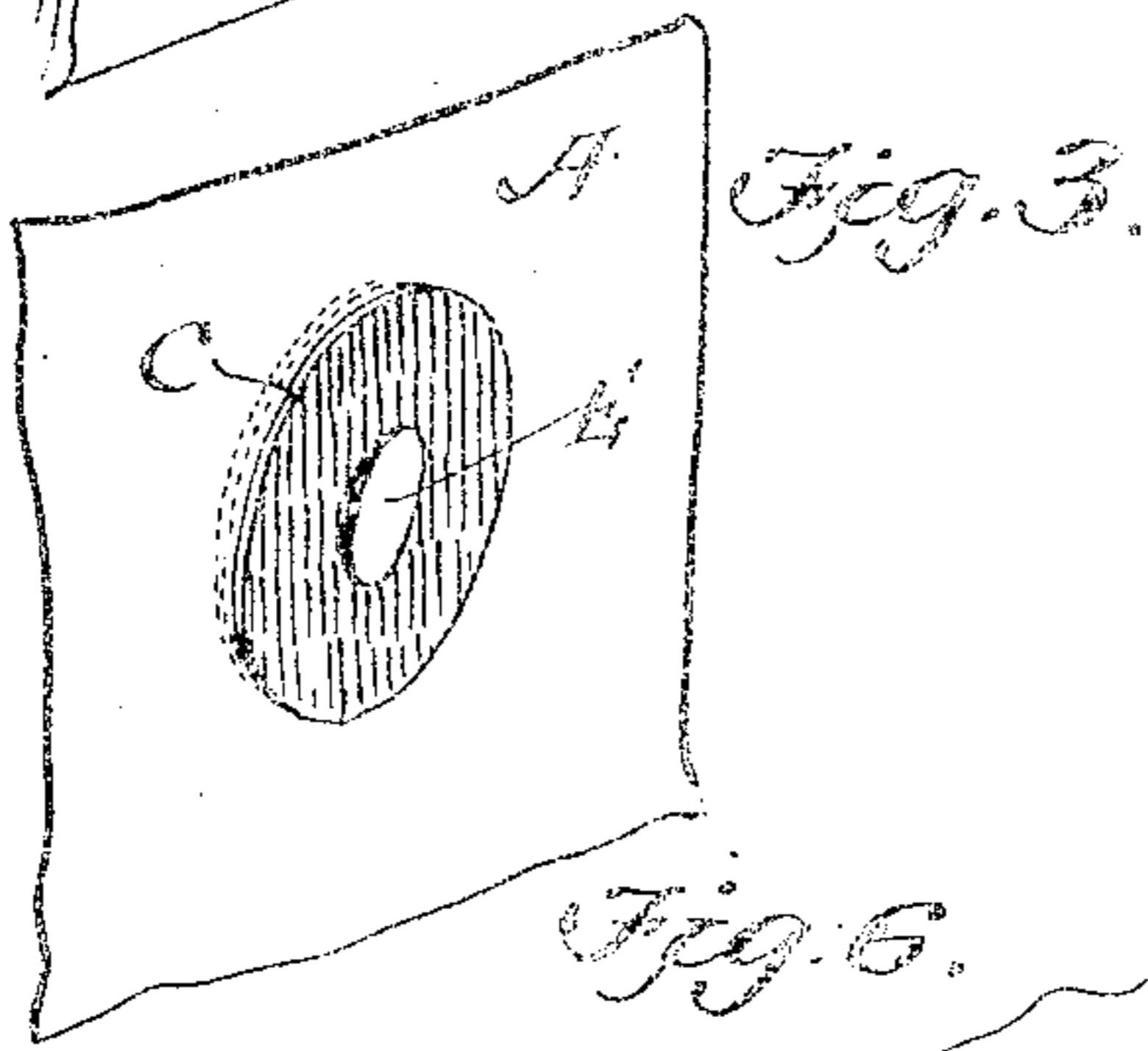
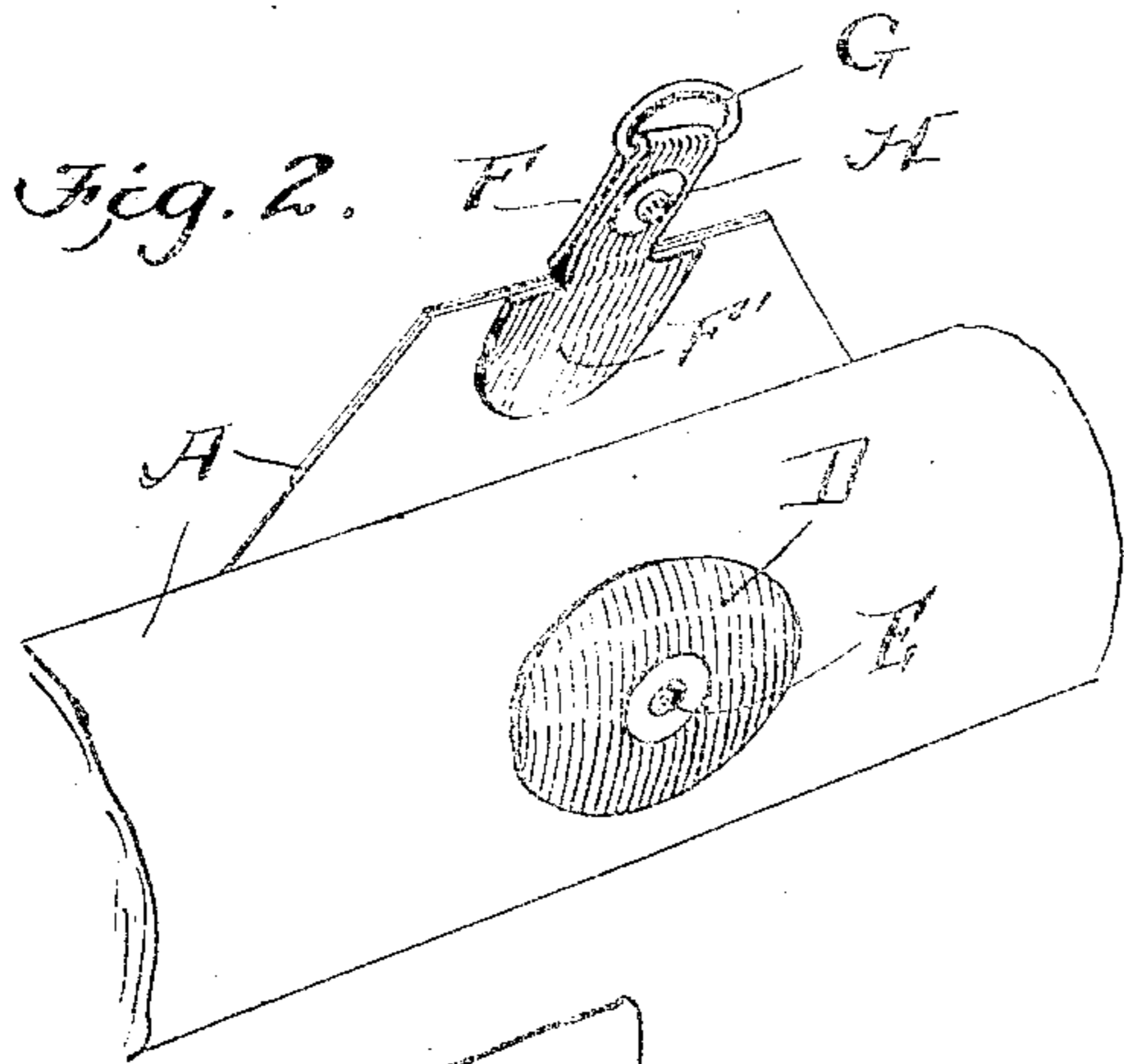
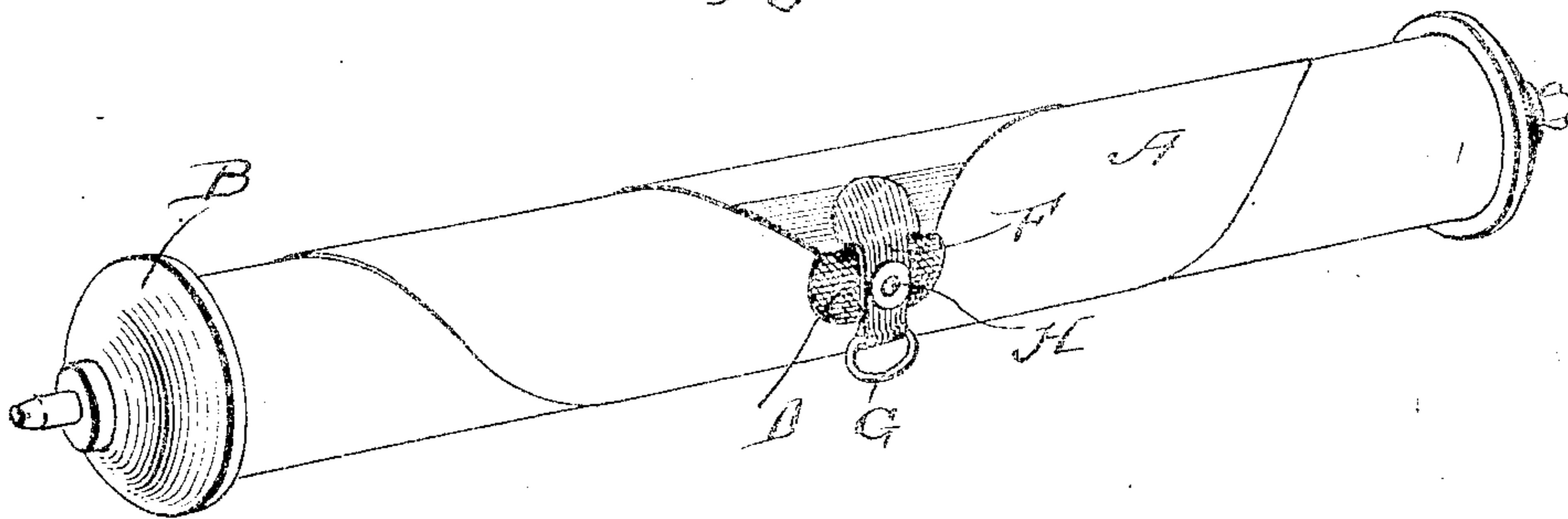
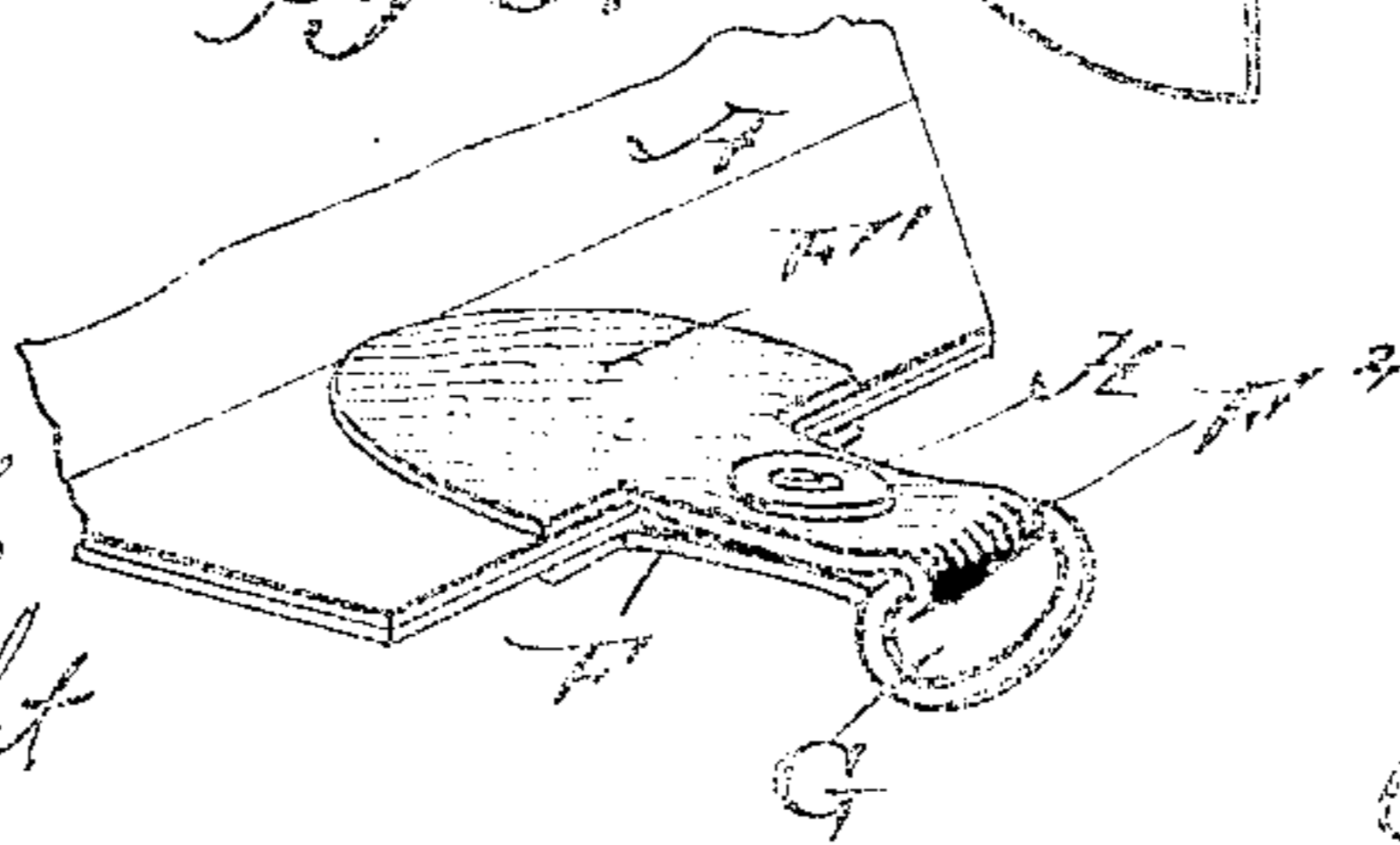


Fig. 6.



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# UNITED STATES PATENT OFFICE.

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## MUSIC-ROLL FASTENER.

No. 855,851.

Specification of Letters Patent.

Patented June 4, 1907.

Application filed April 15, 1905. Serial No. 255,836.

*To all whom it may concern:*

Be it known that I, MICHAEL RUDOLF HAGETER, a citizen of the United States, residing at Cranford, in the county of Union and State of New Jersey, have invented a new and useful Improvement in Music-Roll Fasteners, of which the following is a specification.

This invention is an improved construction of fastening device employed for fastening the free end of a music sheet such as employed in pianolas and similar instruments, the object being to provide an exceedingly cheap, simple and efficient fastening device which can be quickly and easily applied to the said perforated sheet and which will securely fasten the said sheet when in rolled form, and with these objects in view my invention consists essentially in providing re-inforcing disks upon both sides of the sheet adjacent the end, arranging the female portion of a spring clasp in the said re-inforcing disks, attaching a tab to the end of the paper sheet which tab carries a ring at its end and the male portion of the spring clasp adjacent the end, which is adapted to engage the other member carried by the re-inforcing disks, said disks, tab and clasp members being so arranged with reference to each other, that when the sheet is completely rolled, the members of the clasp can be brought into engagement with each other, thereby completely fastening the free end of the rolled sheet.

The invention consists also in certain details of construction hereinafter fully described and pointed out in the claims.

In the drawings forming a part of this specification:—Figure 1 is a perspective view of a rolled music sheet provided with my improved form of fastening means. Fig. 2 is a detail perspective view showing the fastener opened. Fig. 3 is a detail view showing the inner face of the sheet. Fig. 4 is an edge view of the free end of the sheet and the tab connected thereto. Fig. 5 is a sectional view taken through the re-inforcing disks and the female member of the clasp. Fig. 6 is a detail perspective view of the tab connected to the end of the sheet. Fig. 7 is a plan view of the tab before being folded.

In carrying out my invention, I employ the ordinary construction of perforated paper sheet such as is employed in self-playing instruments, said sheet being connected to and rolled upon the usual form of spool B.

A re-inforcing disk C is arranged upon the inner face of the sheet adjacent the end, said re-inforcing disk being of thick, flexible paper and upon the outer face of the sheet is a similar re-inforcing disk D, which is arranged to register with the disk C and the female member E of a spring clasp is arranged centrally of the re-inforcing disk C as most clearly shown in Figs. 2, 3 and 5. A tab F, having enlarged ends F' is folded centrally upon itself as shown at F" and the enlarged ends are connected to the free end of the paper sheet A, which connections may be made by suitable adhesives or stitching as preferred and it will be understood that the tab F may be made of fabric or paper as desired. A ring G is carried at the extreme end of the folded tab, and the male member H of the spring clasp is connected to the tab adjacent the said ring and is adapted to engage the member E when the sheet is completely rolled upon the spool as most clearly shown in Fig. 1.

It will thus be seen that I provide an exceedingly cheap, simple and efficient construction of fastening device by means of which the free end of the music sheet can be fastened when rolled upon the spool and it will also be understood that the ring G besides serving as a suitable grip in connection with the tab, also serves as the connecting means between the end of the perforated sheet and the operative part of the instrument.

A device constructed as herein shown and described can be opened and closed very quickly and when once fastened, will be free from the danger of becoming disengaged.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. A music sheet provided with a fastening device comprising a tab upon the free end of the sheet, a ring carried upon the end of the tab, one member of a spring clasp arranged upon the tab between said ring and the end of the music sheet, re-inforcing disks upon each side of the music sheet adjacent its end, and the other member of the spring clasp carried by said disks adapted to engage the member carried by said tab, as set forth.

2. A music sheet provided with a re-inforcing disk secured to the sheet adjacent one end of the sheet, one member of a spring

clasp arranged upon said disk, a tab carried by the free end of the music sheet, a spring clasp member carried by the tab and co-acting with the first mentioned member, the  
5 said co-acting member being placed intermediate the ends of the tab, the said tab extending diametrically across the re-inforcing disk

when the sheet is rolled and a ring carried by the free end of the tab, as and for the purpose set forth.

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Witnesses:

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