TEMPEL FOR PLACING EXPRESSION LINES.
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UNITED STATES PATENT OFFICE.

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TEMPLET FOR PLACING EXPRESSION-LINES.


To all whom it may concern:

Be it known that I, Francis L. Young, a citizen of the United States, residing at Brooklyn, New York, (post-office address care of the Aeolian Company, Aeolian Hall, 362 Fifth avenue, New York,) have invented a certain new and useful Improvement in Templets for Placing Expression-Lines on Perforated Music-Rolls, of which the following is a specification.

My Patent No. 692,968, of February 11, 1902, shows and describes perforated sheet-music having a line thereon which indicates effects to be produced in playing, which line is adapted to cooperate in the hands of the person playing the instrument with a tempo-fever or other controller having a pointer. My Patent No. 692,969, of the same date, shows and describes the means for moving a perforated music-sheet over a tracker-board and for marking a tempo-line thereon during the actual playing of the music, so as to record the actual movements of the controller during the playing, this patent also describing and claiming means for drawing such a line whether during playing or in copying an already existing piece of music with a line on it. Such a method of copying is expensive. Another method which has been employed and which is also expensive is by the use of a transparent stencil having a series of holes through which the ink forms upon the paper a broken line or series of dots. Such stencils have usually been made of celluloid or other transparent material and are troublesome and expensive both in construction and in their use.

The object of the present invention is to produce a very simple and economical means for reproducing the lines on successive music-rolls of the same composition. This result is accomplished by taking a sheet of music with the usual note-actuating perforations and with the tempo-line or other line of expression to be reproduced and dividing said sheet lengthwise along the said line, so as to give two templets having profiled edges corresponding with the line to be reproduced. The wider and consequently stronger of these two templets is preferably utilized, the other being discarded, though this is of course not necessary. The perforations in such templet form indicia for exactly registering the templet with the note-actuating perforations in the music-sheet to which the line is to be applied by unskilled labor, and by the use of a stylographic pen or other marking device the unskilled employee is able to rapidly run the pen or other marker along the edge of the templet as a guide and to thereby accurately reproduce upon the underlying music-sheet the tempo or other line in exact registration relatively to the perforations in the music-sheet. In the accompanying drawing a portion of such templet is shown, and in dotted lines the other part of that portion of the original perforated music-sheet from which such templet was cut is shown. It will be seen that by placing the edge of the music-sheet against a strip of wood or other straight edge the templet may be readily placed in proper position by sliding its edge along such straight edge while it is superposed on the music-sheet until its perforations exactly register with the note-actuating perforations of the music-sheet, after which it is easy to run a pen along the profiled edge of the templet, thus marking exactly upon the music-sheet a line corresponding with the profile of the term "note-actuating" as used herein I of course intend the usual perforations in the perforated music-sheet by which air is admitted to pass through the ducts in the tracker, whereby the note-actuating or sound-producing pneumatics are controlled.

What I claim, and desire to secure by Letters Patent, is the following:

1. As a new means for marking lines upon music-sheets, a templet having indicia to register with corresponding indicia on the music-sheet, and a profiled edge corresponding with the line to be produced.

2. A templet for music-sheets having perforations for registration with corresponding perforations of the music-sheet and having a profiled edge.

3. A templet for making a waved line upon the perforated music-sheets said templet having a straight edge corresponding with one straight edge of the music-sheet, and perforations corresponding with the note-actuating perforations of the music-sheet and a profiled edge corresponding with a line that is to be produced upon such music-sheet.

4. A templet for marking continuous lines or other indicia on music-sheets and corre-
sponding with a portion of such music-sheets in respect to perforations and one edge, and provided with a profiled edge for correctly locating said continuous lines or other indicia on the music-sheet.

5. A templet for marking perforated music-sheets, having one irregular edge for locating the markings and one straight edge and perforations corresponding with the perforations in said sheet for accurate registration with the music-sheet.

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

FRANCIS L. YOUNG.

Witnesses:
D. C. HEINS,
E.-C. THOMPSON.