

F. WHEELER.
 POINTER BATON FOR MUSIC INSTRUCTORS.
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915,914.

Patented Mar. 23, 1909.

Fig. 1

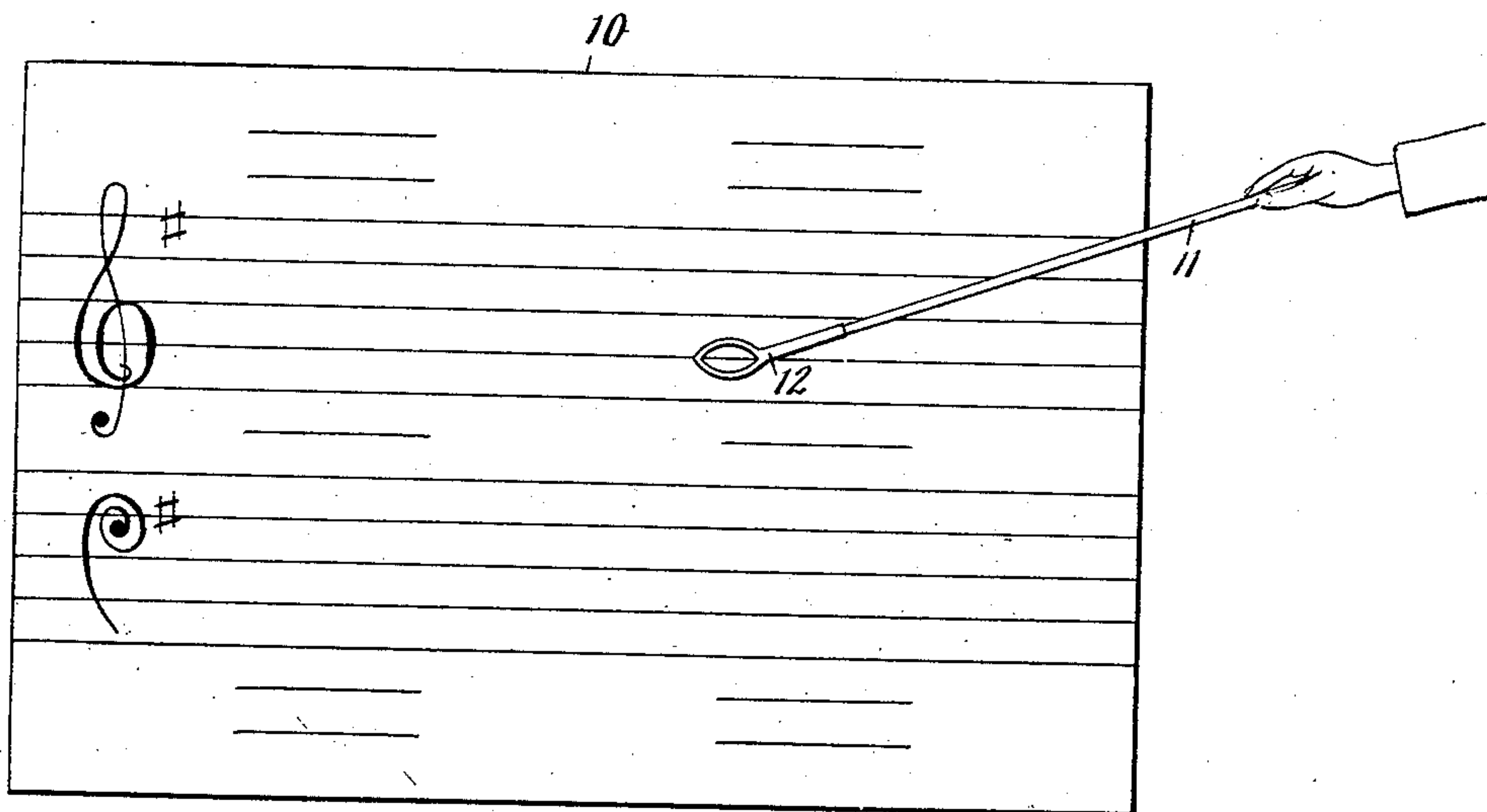


Fig. 2

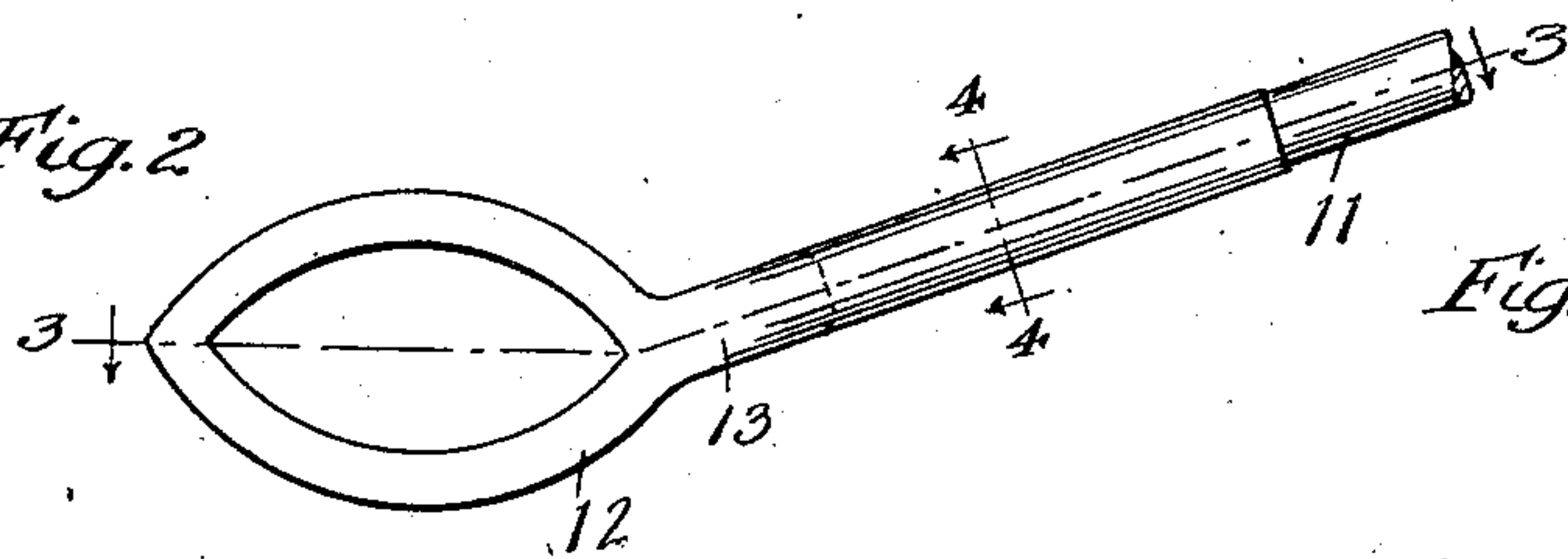


Fig. 3

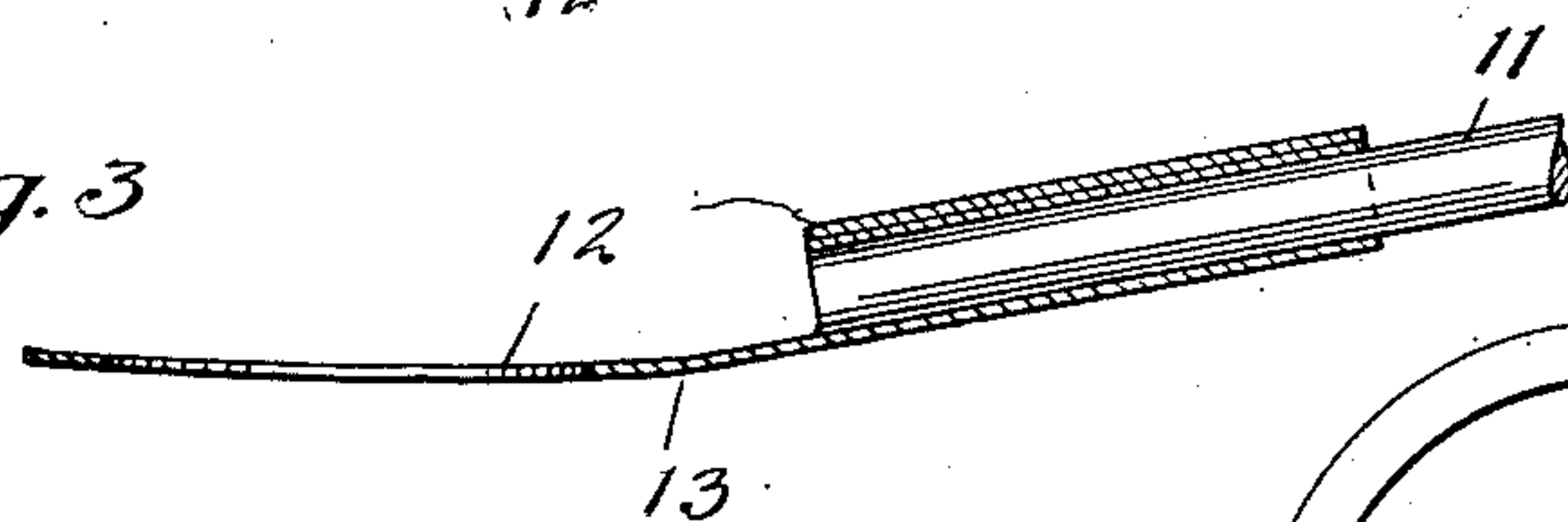
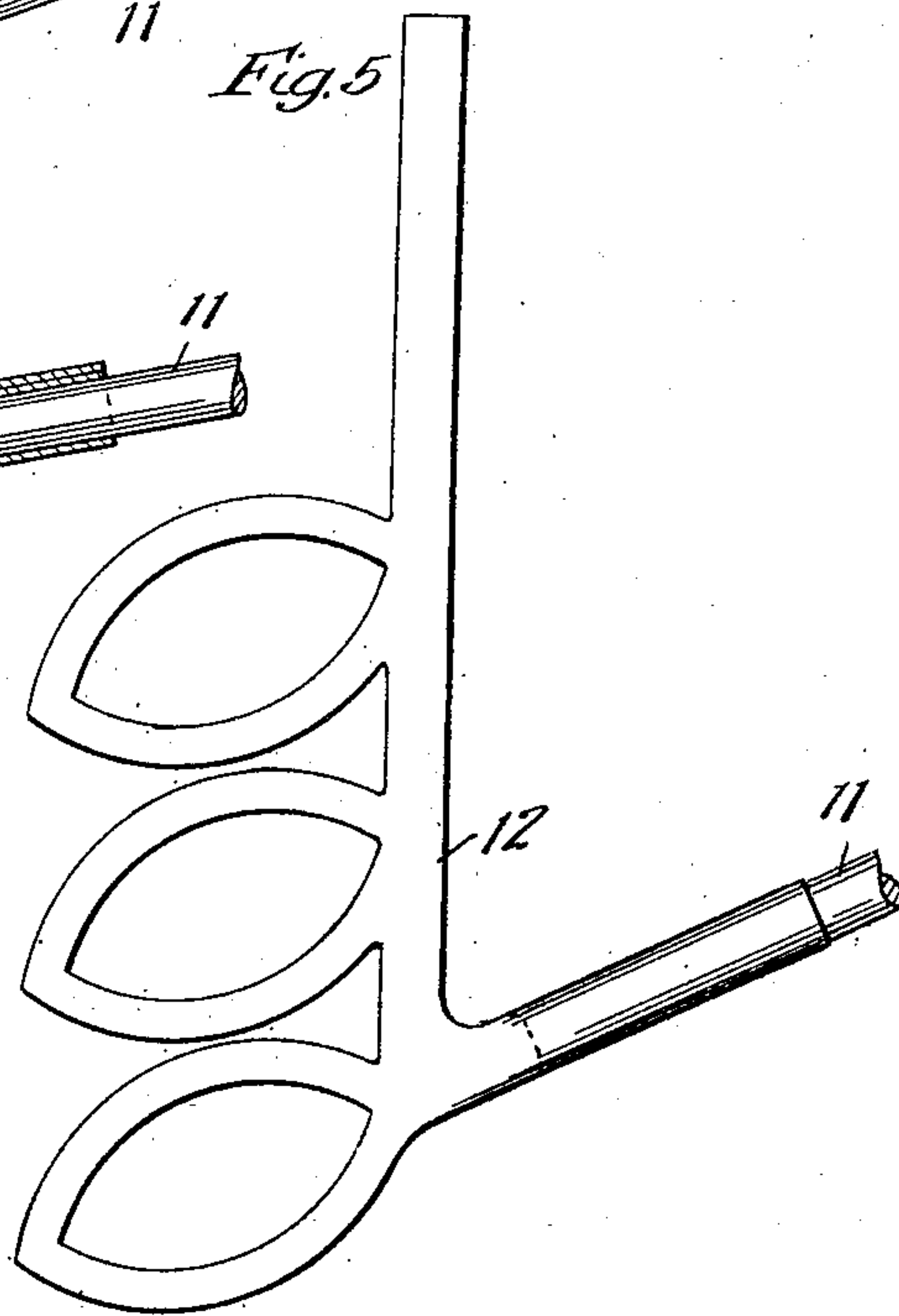


Fig. 4



Fig. 5



Witnesses:

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UNITED STATES PATENT OFFICE.

FLETCHER WHEELER, OF CHICAGO, ILLINOIS.

POINTER-BATON FOR MUSIC INSTRUCTORS.

No. 915,914.

Specification of Letters Patent.

Patented March 23, 1909.

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To all whom it may concern:

Be it known that I, FLETCHER WHEELER, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Pointer-Batons for Music Instructors, of which the following is a specification.

My invention relates to devices for facilitating the instruction of students in vocal or instrumental music, and has for its object the providing of a pointer device, whereby the attention of the student may be most effectively and definitely directed to and fixed upon a note or chord formation that he is desired to sound or read.

The invention has for further objects the effecting of such other improvements in structure and function as may be found to obtain in the devices hereinafter described or claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 shows the pointer baton in use in connection with its chart-board; Fig. 2 is a plan view of the end of the baton with its detachable note-formed pointer-tip; Fig. 3 is a sectional view on the line 3—3 of Fig. 2; Fig. 4 is a section on line 4—4 of Fig. 2; and Fig. 5 is a plan view of another form of detachable tip, representing a triad or combination of notes.

Like reference numerals indicate like parts in all of the figures.

10 is the chart-board having upon it simply the lines of a double staff with the base and treble clefs thereon. 11 is the baton provided with the detachable tip 12, made in the form of a note, just the width of one of the spaces between the lines of the staff, but with its middle portion apertured so that when the pointer is pressed upon the chart over any line of the staff, such line will be visible through the aperture which may be either open or closed with transparent material. This tip is made of celluloid so that it may be very light, strong and flexible, and is preferably black so as to contrast with the white background of the chart. The celluloid is used preferably in sheet form, with the lower portion of the piece rolled into a tube to form the stiff shank that fits on the end of the baton. The overlapping edges of the portion rolled up to form the socket are cemented or otherwise fastened together. This method of forming the tip from flexible sheet material gives the note-formed portion or blade a

slight curvature, as indicated in Fig. 3, and also permits it to be readily bent, at 13, at a slight angle from the stiff shank or socket; and in use the operator presses the concave face of the inwardly bent note-formed flexible blade against the chart, so that the said note-formed flexible blade will be flattened out in close contact with the surface of the chart to facilitate clearly defining its position in relation to the lines of the staff. To represent a note on any line of the staff, the pointer is so placed and pressed against the chart that the intended line may be seen through the aperture in the note-formed tip; and to represent a note in any space on the staff, the note-formed tip is so placed between two lines of the staff that no part of either line is visible through the aforesaid aperture. In this manner it becomes possible to readily and unmistakably indicate to the eye of the student whether the instructor desires him to read or sound a note upon any particular line of the staff or a note in any space between the lines of the staff. To indicate other forms of notes or chord formations, detachable tips in other forms, such as the triad in Fig. 5, are provided for use on the same baton.

My invention is hereinabove set forth as embodied in a particular form of construction, but I do not limit it thereto or to less than all the possible forms in which the said invention, as hereinafter claimed, may be embodied or distinguished from prior devices.

I claim:—

1. In a pointer-baton, in combination, a shaft and a note-formed tip having a stiff shank and a flexible blade apertured to show any underlying line of a staff-chart, substantially as specified.

2. In a pointer-baton, in combination, a shaft and a detachable note-formed tip having a stiff shank and a flexible blade apertured to show any underlying line of a staff-chart, substantially as specified.

3. In a pointer-baton, in combination, a shaft and a note-formed tip of celluloid, having a stiff shank and a flexible blade and apertured to show any underlying line of a staff-chart, substantially as specified.

4. In a pointer-baton, in combination, a shaft and a detachable note-formed tip of celluloid, having a stiff shank and a flexible blade and apertured to show any underlying line of a staff-chart, substantially as specified.

5. In a pointer-baton, in combination, a

- shaft and a note-formed tip of sheet material, having a stiff shank and a flexible blade and apertured to show any underlying line of a staff-chart, substantially as specified.
- 5 6. In a pointer-baton, in combination, a shaft and a note-formed tip of sheet celluloid, having a stiff shank and a flexible blade and apertured to show any underlying line of a staff-chart, substantially as specified.
- 10 7. In a pointer-baton, in combination, a shaft and a detachable note-formed tip of sheet material, having a stiff shank and a flexible blade and apertured to show any underlying line of a staff-chart, substantially as specified.
- 15 8. In a pointer-baton, in combination, a shaft and a detachable note-formed tip of sheet celluloid, having a stiff shank and a flexible blade and apertured to show any underlying line of a staff-chart, substantially as specified.
- 20 9. In a pointer-baton, in combination, a shaft and a note-formed tip apertured to show any underlying line of a staff-chart, said tip having a flexible blade and stiff hollow shank at a slight angle to its note-formed flexible blade, substantially as specified.
- 25 10. In a pointer-baton, in combination, a shaft and a detachable note-formed tip of sheet material and apertured to show any underlying line of a staff-chart, said tip having a flexible blade and stiff hollow shank at a slight angle to its note-formed flexible blade, substantially as specified.
- 30 11. In a pointer-baton, in combination, a baton-shaft and detachable substitute tips representing various musical characters and having each note-form apertured to show any underlying line of a staff-chart, substantially as specified.
- 40 12. In a pointer-baton, in combination, a baton-shaft and detachable substitute tips of flexible sheet material and representing various musical characters, and having each note-form apertured to show any underlying line of a staff-chart, substantially as specified.
- 45 13. In a pointer-baton, in combination, a note-formed tip having a stiff shank and a flexible blade, substantially as specified.
- 50 14. In a pointer-baton, in combination, a detachable note-formed tip having a stiff shank and a flexible blade, substantially as specified.
- 55 15. In a pointer-baton, in combination, a baton-shaft and detachable substitute tips representing various musical characters, each tip having a stiff shank and a flexible blade-portion, substantially as specified.
- 60 16. In a pointer-baton, in combination, a baton-shaft and detachable substitute tips of sheet material representing various musical characters, each tip having a stiff shank and a flexible blade-portion, substantially as specified.
- 65 17. In a pointer-baton, in combination, a baton-shaft and detachable substitute tips of celluloid and representing various musical characters, each tip having a stiff shank and a flexible blade-portion, substantially as specified.
- 70 18. In a pointer-baton, in combination, a baton-shaft and detachable substitute tips of sheet celluloid and representing various musical characters, each tip having a stiff shank and a flexible blade portion, substantially as specified.
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- FLETCHER WHEELER.
- Witnesses:
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