

**No. 666,018.**

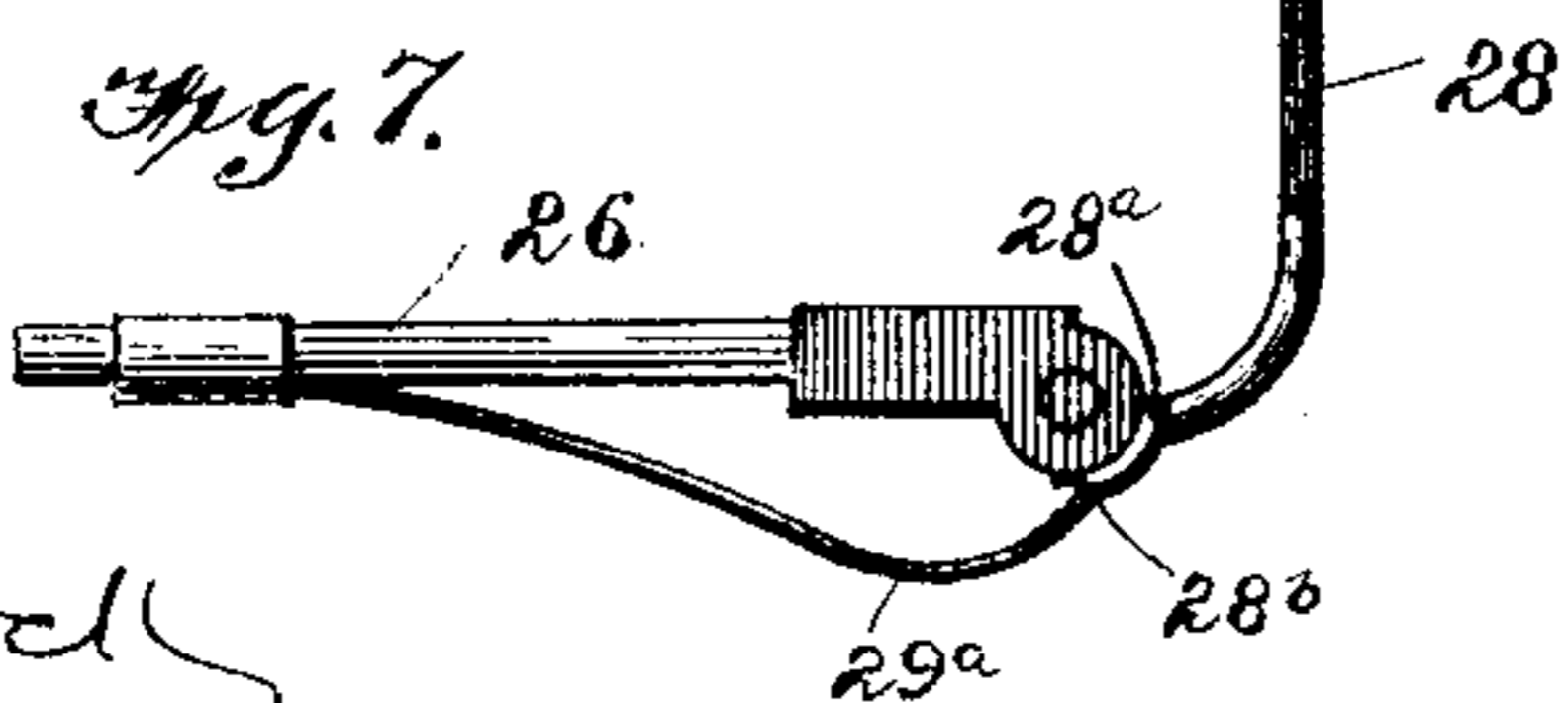
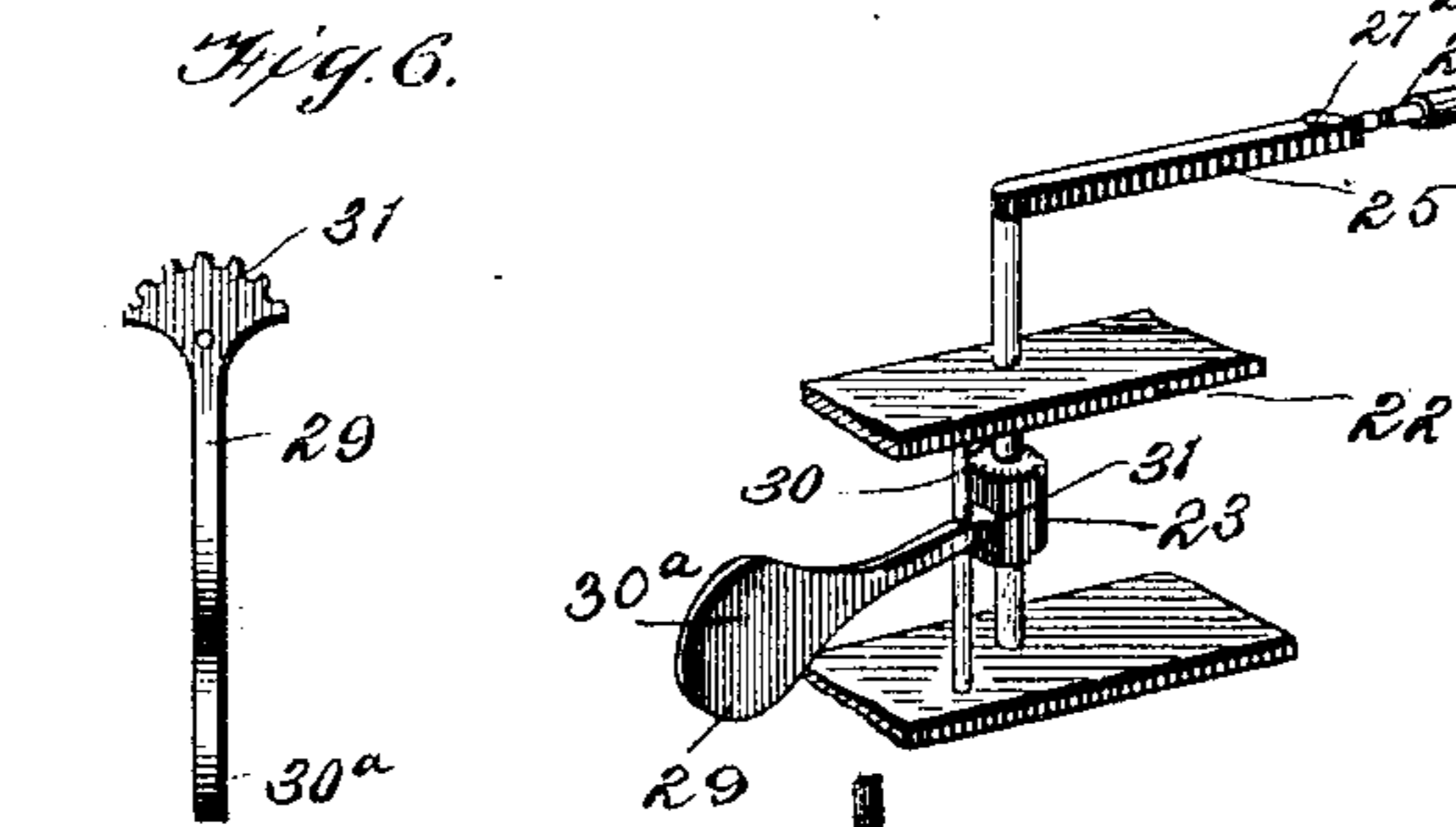
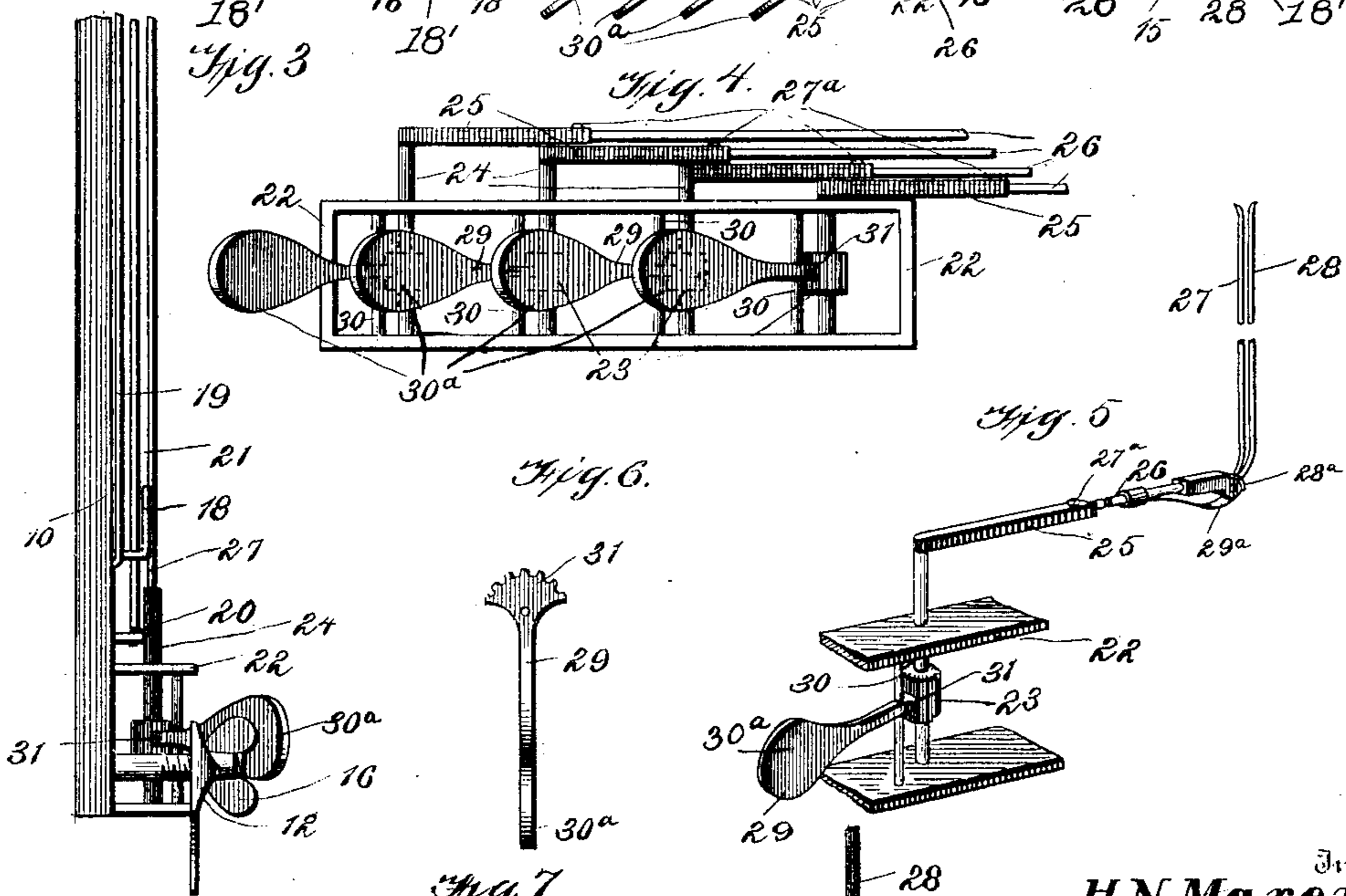
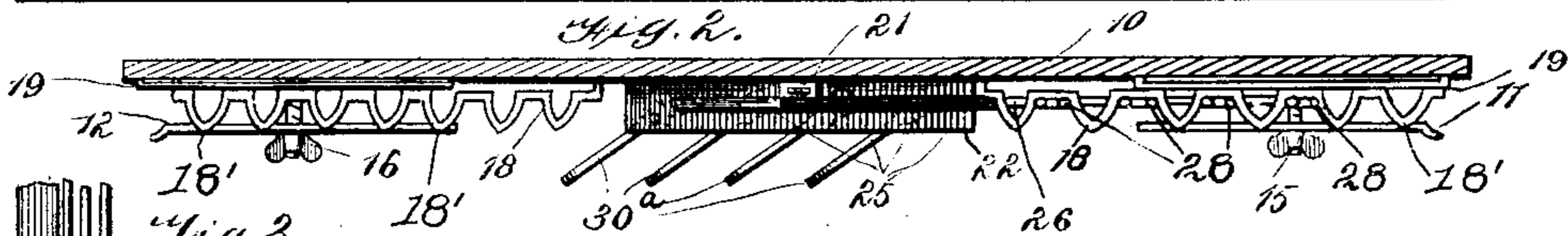
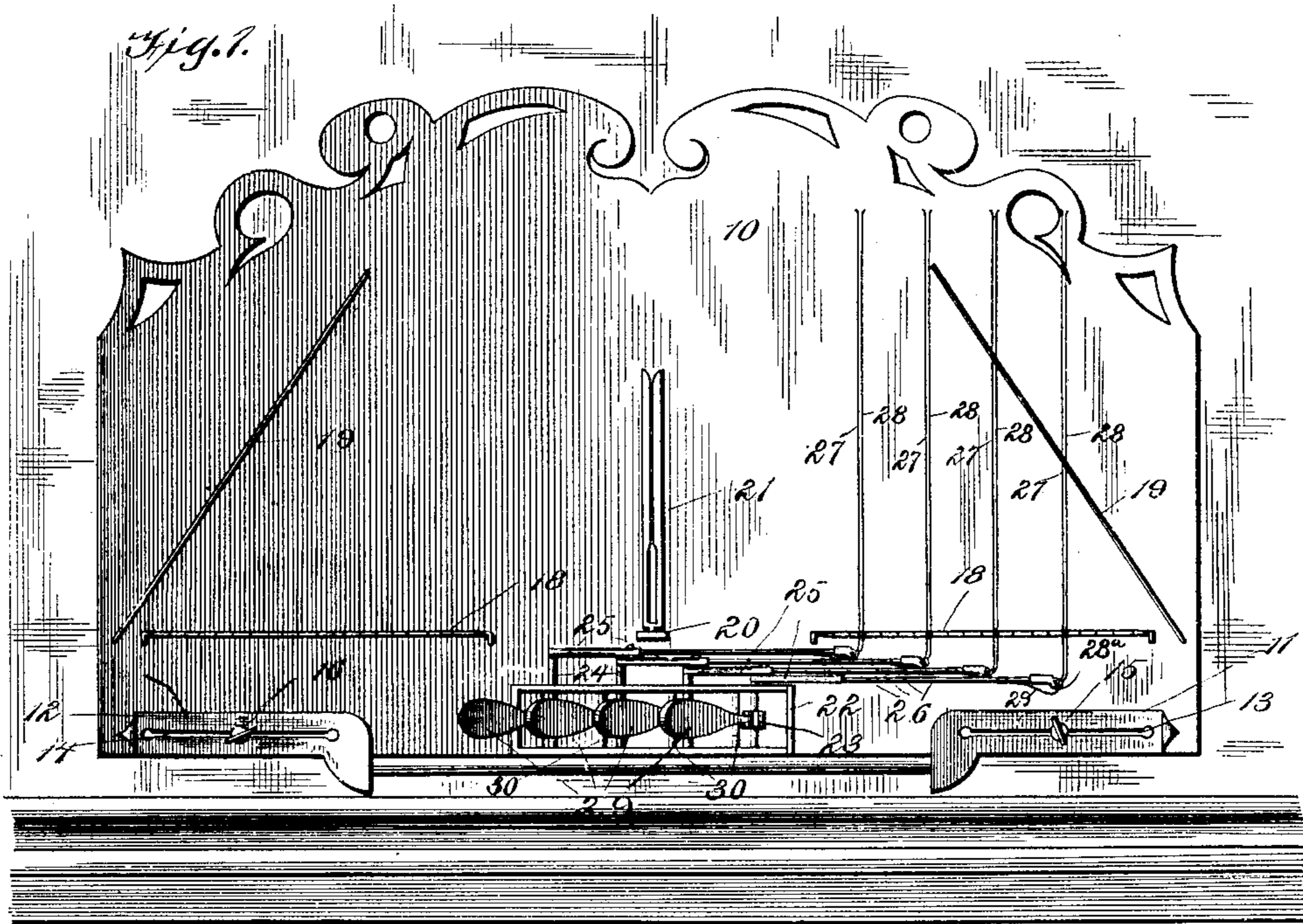
**Patented Jan. 15, 1901.**

**H. N. MAXEY.**

**MUSIC LEAF TURNER.**

(Application filed Sept. 18, 1899.)

(No Model.)



Witnesses  
W. C. Simpford.  
Chas. E. Brock.

*H. N. Macey,* Inventor

by Orman & Co  
Attorneys

# UNITED STATES PATENT OFFICE.

HARDY N. MAXEY, OF CALDWELL, IDAHO.

## MUSIC-LEAF TURNER.

SPECIFICATION forming part of Letters Patent No. 666,018, dated January 15, 1901.

Application filed September 18, 1899. Serial No. 730,872. (No model.)

*To all whom it may concern:*

Be it known that I, HARDY N. MAXEY, a citizen of the United States, residing at Caldwell, in the county of Canyon and State of Idaho, have invented a new and useful Music-Leaf Turner, of which the following is a specification.

My invention relates to music-leaf turners, and has for its object to provide a device of the character described which will be cheap, durable, and easily operated.

With this object in view my invention consists in such parts and combination of parts as will be fully described hereinafter, recited in the claims, and illustrated in the drawings forming a part of this specification, and in which—

Figure 1 is a front elevation of a device constructed in accordance with my invention. Fig. 2 is a top plan view of the same. Fig. 3 is a side elevation. Fig. 4 is an enlarged detail view showing the manner of arranging the operating mechanism. Fig. 5 is a detail perspective view of one of the sheet-turning arms and the operating mechanism therefor, and Fig. 6 is a detail perspective view of one of the operating levers or keys.

Referring now to the drawings by reference-numerals, 10 indicates a backboard to which the mechanism is secured, and it is adapted to be attached to a piano or other support by means of the two sliding clamps 11 and 12, provided with elongated slots 13 and 14, and secured to the board 10 by thumb-screws 15 and 16.

The board 10 can be secured to the ordinary music-rack of an instrument by moving the clamps 11 and 12 toward each other until they engage with the ends of the rack or with some projecting portion of the instrument, by means of which the device is rigidly secured in position, or some portion of the instrument may be clamped between the clamps and the board 10 to retain the device in position.

18 and 18 are brackets of wire secured at their respective ends to the board 10 and positioned on either side of the vertical center thereof. These brackets are provided with bends or projections 18', which extend at

right angles from the board 10 and form a recessed music-support.

19 represents long loops or staples of wire secured at their ends to the board to hold the leaves of a book open when it is not desired to turn the same. The staples are inwardly inclined at their upper ends, so as to be in a position to have the upper corners of the leaves or books inserted under them when the leaves are not to be turned. Pivotally secured to a lug or projection 20 in the center of the board is a vertical bifurcated bar 21, designed to hold a single sheet of music, and by reason of its being vertically pivoted it is obvious that the sheet might readily be turned.

Secured to the board 10, centrally of the lower edge thereof, is a substantially rectangular mechanism-holding frame 22, in which are journaled a series of pinions 23, each having staves provided with projecting ends 24. On the extremities of each of these projecting ends 24 is a right-angular hollow arm 25, in which is slidably secured an arm 26 by the set-screw 27<sup>a</sup>. On the free end of each of these arms are two parallel upwardly-extending arms 27 and 28, connected by and pivotally secured to said arms by means of a head 28<sup>a</sup>, having a shoulder 28<sup>b</sup>, against which the free end of the spring 29<sup>a</sup> bears to hold said arms in an upright position and between which the sheets or leaves will be placed by pressing or striking the one of the actuating levers or keys 29 secured to the trunnions 30 and comprising the blade-like portion 30<sup>a</sup> and having a semicircular toothed head 31, meshing with the pinions 23.

The operation of my invention is as follows: The leaves are slid between the parallel arms 27 and 28 after said arms have been properly adjusted through the medium of the arms 25 and 26, and by successively striking the actuating-keys 29 the arms are swung from right to left, and the pages or leaves are thus turned.

While I have shown mechanism for actuating only four leaves, it is obvious that this number may be multiplied to any extent desired without departing from the spirit of my invention.

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

1. In a music-leaf turner, the combination,  
5 with a back, of a centrally-located lug projecting therefrom, a vertical bifurcated bar axially pivoted therein, a bracket on each side of the lug consisting of a piece of wire, the  
10 ends of which are bent at an angle and are secured to the board and the intermediate portion of each is bent to form projections which stand out from the board, a series of  
15 arms pivotally secured below the central holder, the free end of each of which is provided with an adjustable clamp in position

to fit between the projections of the brackets, and means for swinging said arms on their pivots, substantially as described.

2. In a music-leaf turner, the combination, with a back, of a recessed bracket thereon, 20 arms pivotally secured below the bracket, the free ends of which are in position to enter the recesses of the bracket, and long loops or staples secured at their ends to the back at the ends of the rack, the upper ends of 25 which are inclined inward.

HARDY N. MAXEY.

Witnesses:

W. H. THORP,  
CHAS. W. PINNEY.