

No. 748,353.

PATENTED DEC. 29, 1903.

G. DONNELLY.
FAN ATTACHMENT.

APPLICATION FILED DEC. 18, 1902.

NO MODEL.

2 SHEETS—SHEET 1.

FIG. 3.

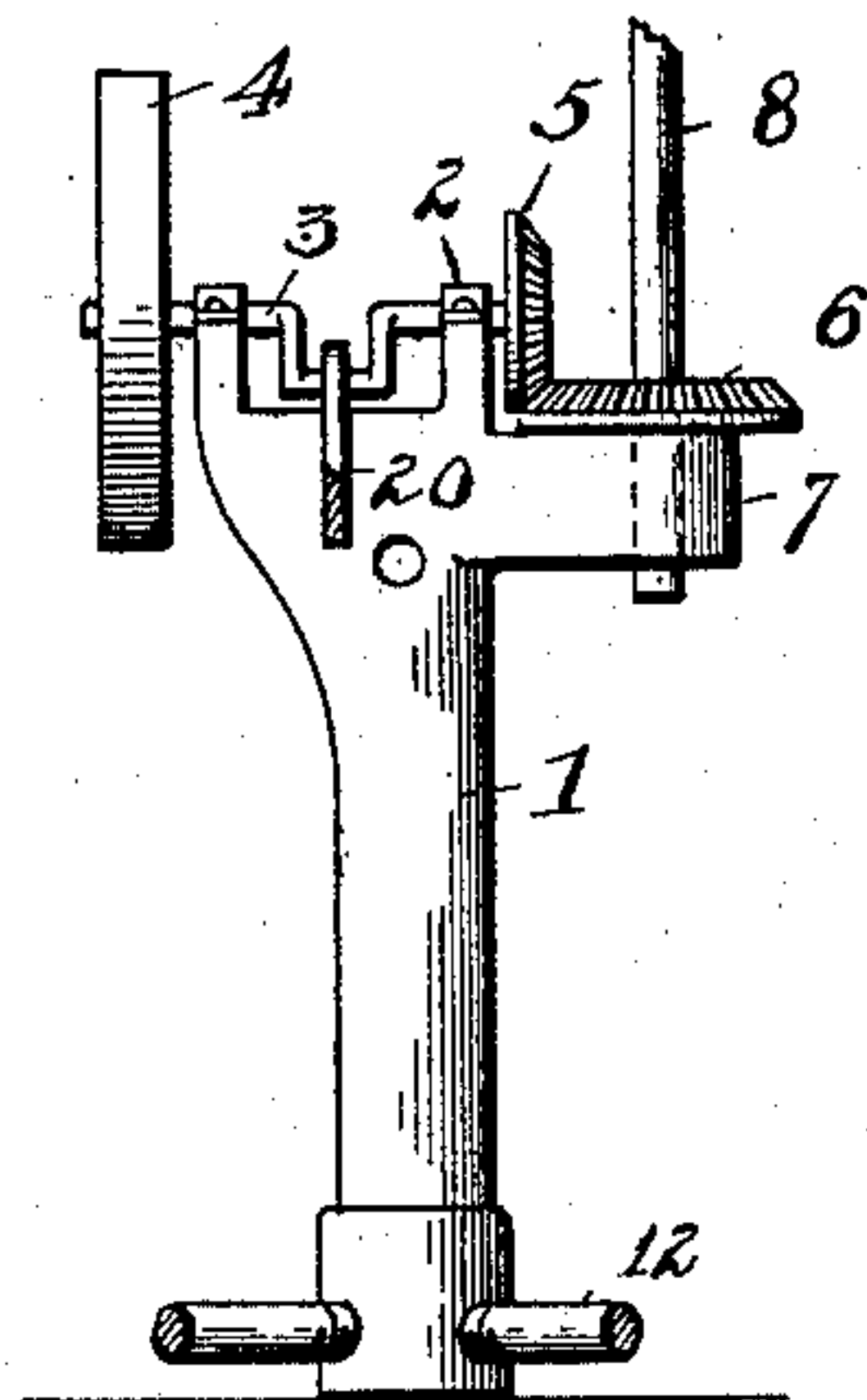


FIG. 1.

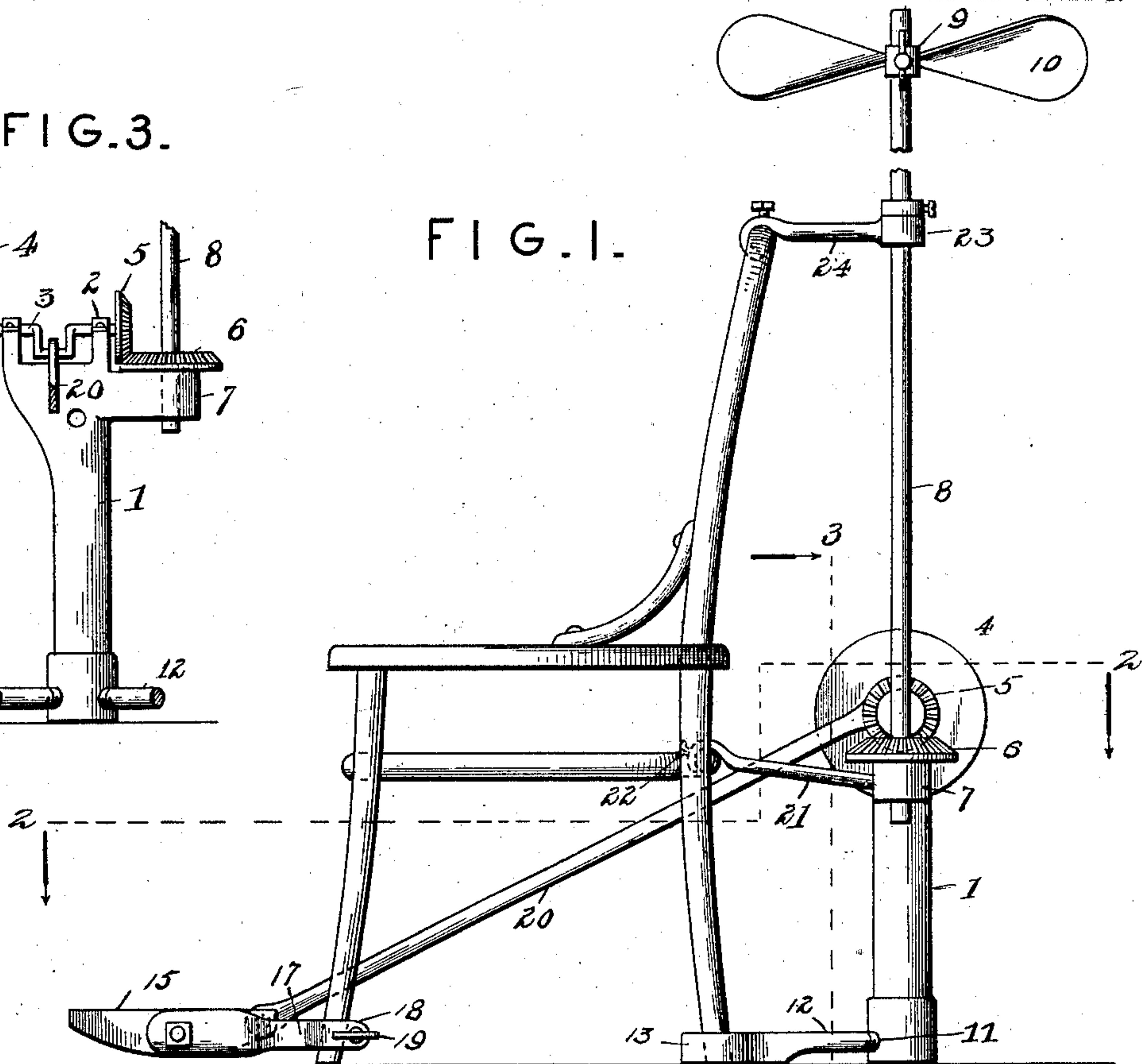
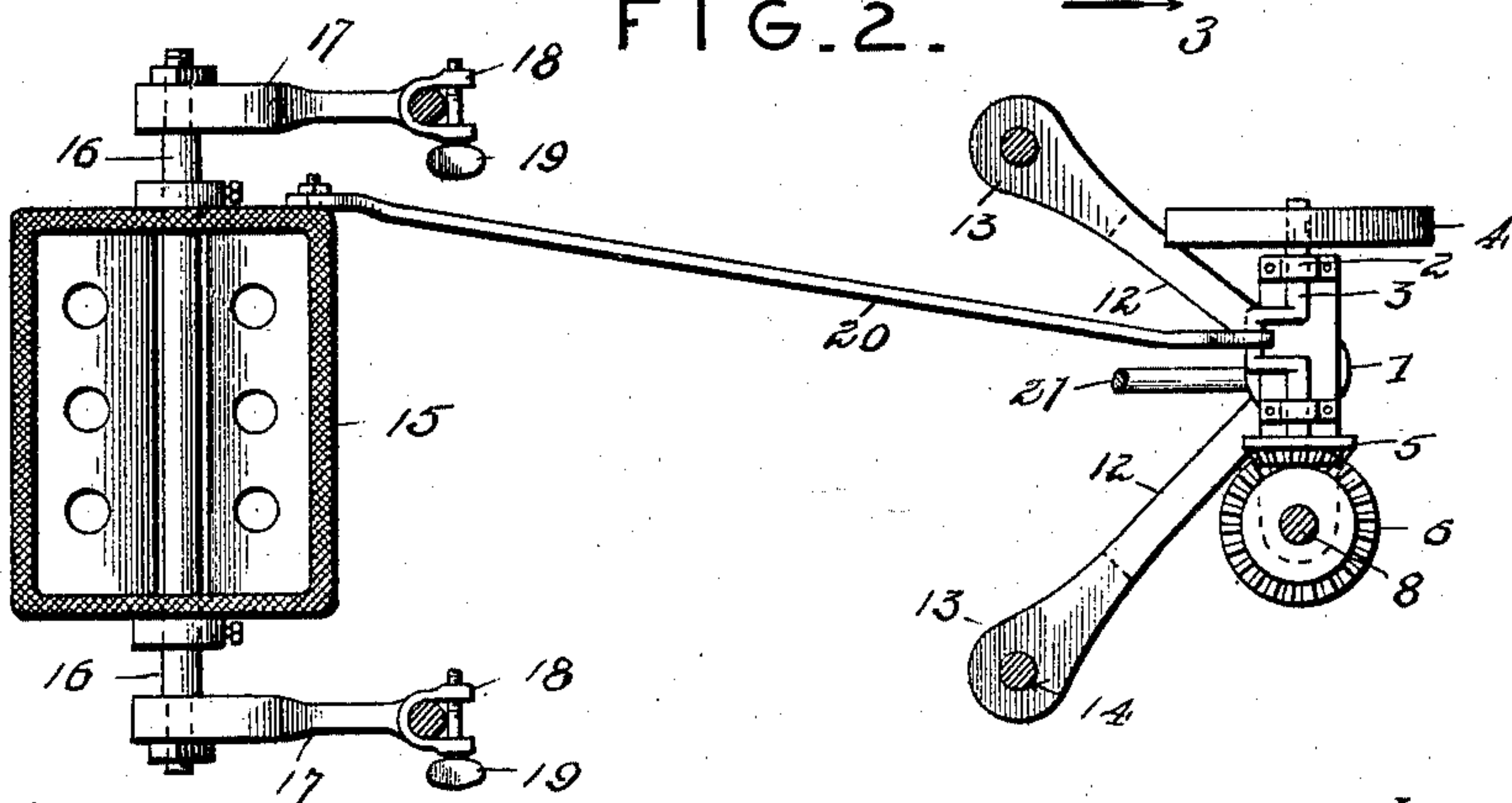


FIG. 2.



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2 SHEETS—SHEET 2.

FIG. 4.

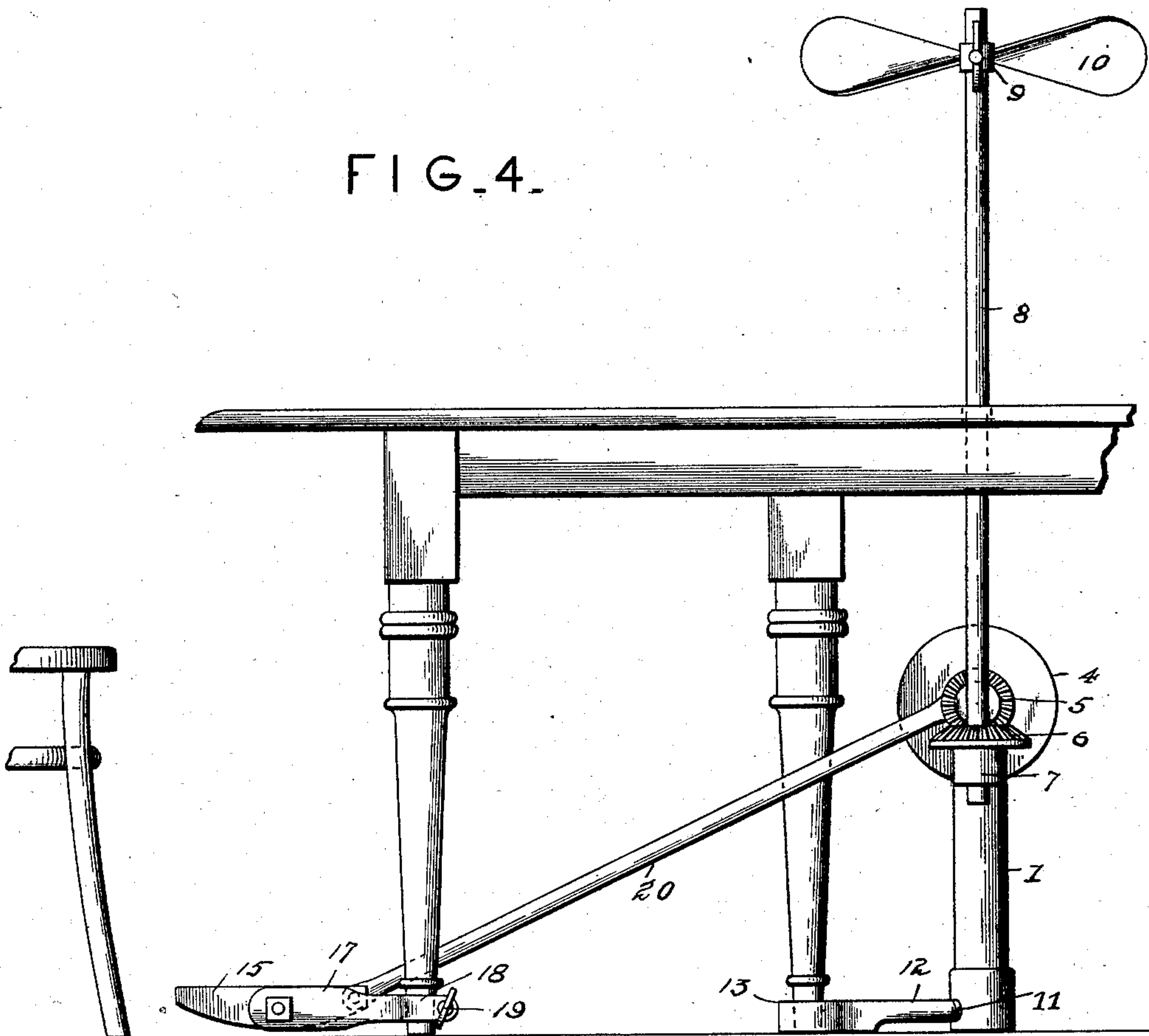


FIG. 5.

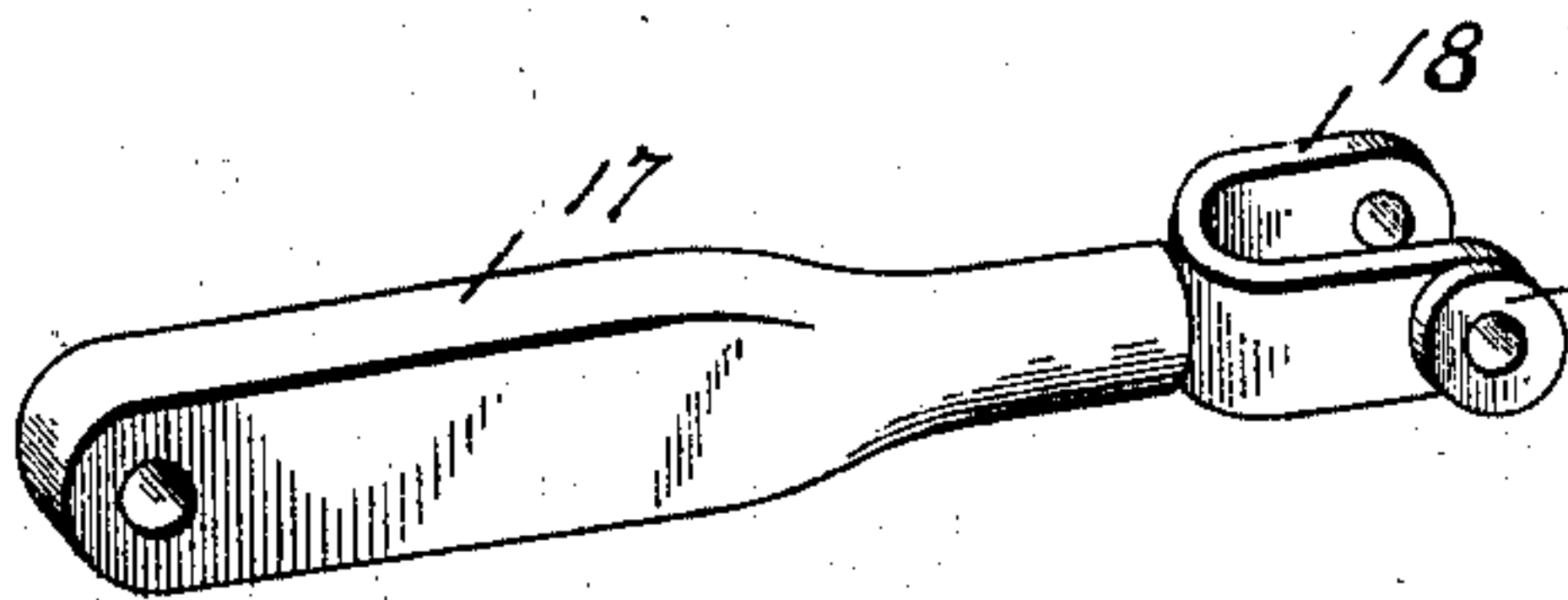
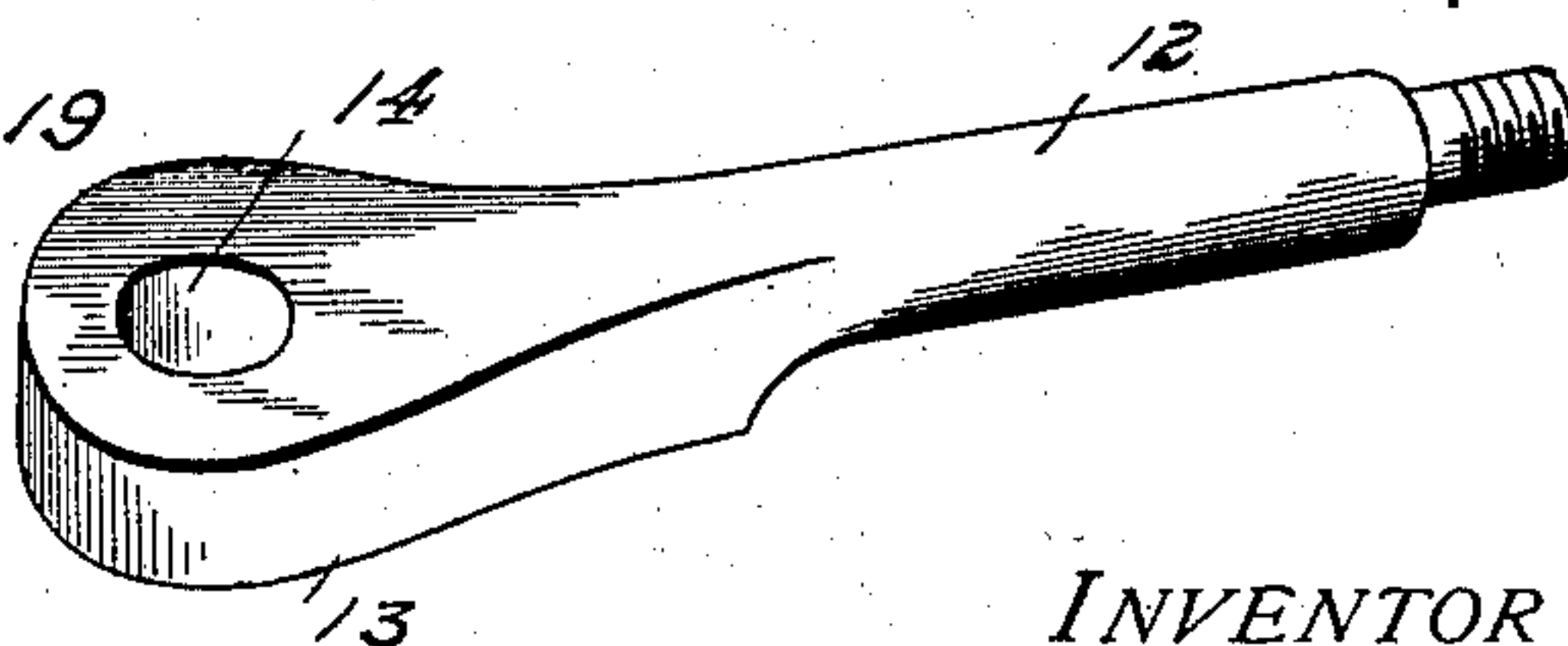


FIG. 6.



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UNITED STATES PATENT OFFICE.

GEORGE DONNELLY, OF DIAMOND, INDIANA.

FAN ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 748,353, dated December 29, 1903.

Application filed December 18, 1902. Serial No. 135,687. (No model.)

To all whom it may concern:

Be it known that I, GEORGE DONNELLY, a citizen of the United States, residing at Diamond, in the county of Parke and State of Indiana, have invented certain new and useful Improvements in Fan Attachments, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to new and useful improvements in fans, and more especially to means whereby a fan may be secured to a chair or table and operated by a person sitting adjacent thereto.

The object of the invention is to provide a device of simple construction the parts of which may be readily assembled and attached to a chair or table.

A further object is to provide mechanism whereby the fan may be run smoothly by rocking a treadle connected thereto.

With the above and other objects in view the invention consists in the novel construction and combination of parts hereinafter more fully described and claimed, and illustrated in the accompanying drawings, showing the preferred form of my invention, and in which—

Figure 1 is a side elevation of a chair, showing my improved fan attachment connected thereto. Fig. 2 is a section on line 2 2, Fig. 1. Fig. 3 is a section on line 3 3, Fig. 1. Fig. 4 is a side elevation of the attachment secured to a table. Fig. 5 is a detail view of a treadle-supporting arm, and Fig. 6 is a similar view of a brace of the standard.

Referring to the figures by numerals of reference, 1 is a standard having vertical ears 2 upon the top thereof, within which is mounted a crank-shaft 3. At one end of this shaft is a fly-wheel 4, while at the opposite end is a beveled gear 5, adapted to mesh with a larger beveled gear 6, bearing upon a laterally-extending arm 7 upon the standard. A shaft 8 is secured to this gear 6 and revolves within the arm 7, and this shaft extends upward a suitable distance and is provided at its upper end with a collar 9, adjustably secured thereto and having fan-blades 10 extending therefrom.

A threaded aperture 11 is formed in the

base of standard 1, near each side thereof, and each is adapted to receive the threaded end of a rod 12, extending from a plate 13, having a central aperture 14 therein.

A treadle 15 of suitable construction has trunnions 16, mounted in arms 17, the rear ends of which are forked, as shown at 18, and provided with a set-screw 19 or other clamping means. A pitman 20 is pivoted to one side of the treadle, at the rear end thereof, and is adapted to engage the crank on the shaft 3, before referred to.

When it is desired to secure this fan attachment to a chair, the rods 12 are placed in engagement with the base of standard 1, and the rear legs of the chair are placed within the apertures 14. A rod 21 is then screwed into the upper portion of the standard and the other end thereof clamped to a rung of the chair by means of a set-screw 22 or other suitable device. Vertical shaft 8 is also held rigidly in position by a sleeve 23, having an arm 24 extending therefrom and detachably secured to the back of the chair. The forked ends 18 of arms 17 are then clamped to the lower ends of the front legs of the chair and the device is in condition for use. When the treadle is rocked by the feet of the person sitting in the chair, motion is imparted to the shaft 3 by the pitman 20, and the fly-wheel insures a smooth-running shaft. Gear 5 imparts movement to the larger gear 6 and the shaft 8 and the fan-blades thereon are thus rotated.

If desired, the fan attachment may be secured to a table, as shown in Fig. 4. In such case the plates 13 can be arranged to receive the central leg or legs of the table and the forked arms 17 are secured to the legs at one end of the table. Brace-rods 21 and 24 are dispensed with and the shaft 8 is arranged within an aperture formed in the top of the table therefor. When the attachment is secured to a table in this manner, it can be readily operated by a person occupying a chair adjacent to the treadle.

In the foregoing description I have shown the preferred form of my invention; but I do not limit myself thereto, as I am aware that modifications may be made therein without departing from the spirit or sacrificing the

advantages thereof, and I therefore reserve the right to make such changes as fairly fall within the scope of my invention.

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

The combination with a chair; of a standard, a crank-shaft journaled thereon, a fly-wheel on the shaft, a gear upon said shaft, a
10 laterally-extending arm on the standard, a vertical fan-shaft journaled in the arm, meshing gears upon the two shafts, rods detachably secured to the standard, plates integral therewith and having apertures in which are

arranged the legs of the chair, brace-rods extending from the standard and the fan-shaft, a clamp thereon engaging the chair, a treadle, arms forming bearings therefor, said arms being detachably connected to the legs of the chair, and a pitman connecting the treadle
20 and the crank-shaft.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE DONNELLY.

Witnesses:

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DAN MCKILLOP.