C. D. BATCHELOR.

COMBINED SELF WAITING TABLE AND AUTOMATIC FAN.

No. 175,643. Patented April 4, 1876.

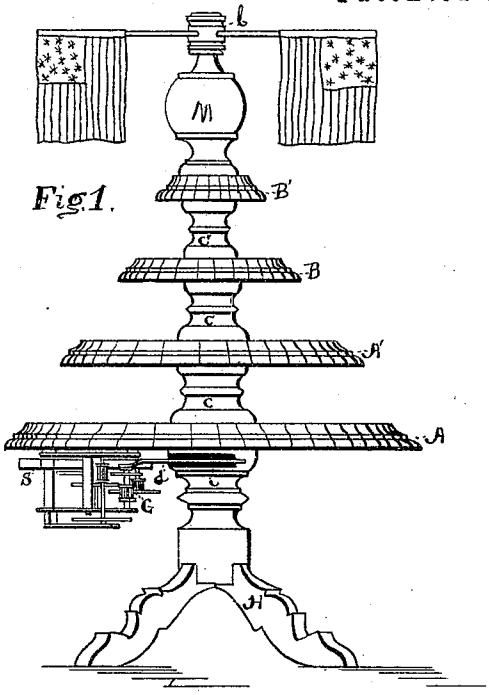

Fig. 1.

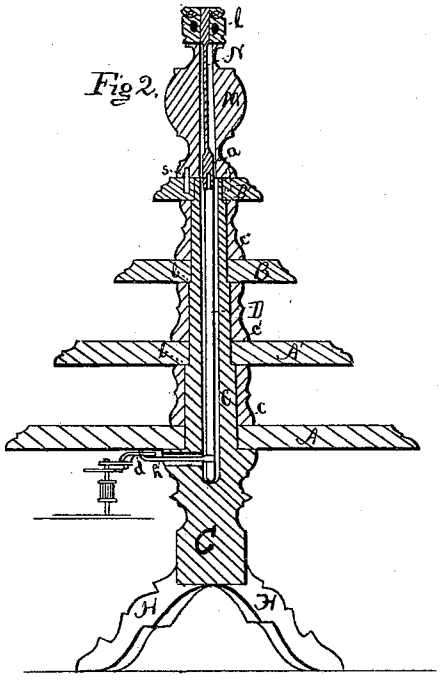

Fig. 2.

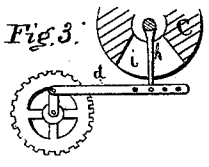

Fig. 3.

Witnesses.
F. B. Townsend
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UNITED STATES PATENT OFFICE.

CHARLES D. BATCHELOR, OF MINNEAPOLIS, MINNESOTA.

IMPROVEMENT IN COMBINED SELF-WAITING TABLES AND AUTOMATIC FANS.

Specification forming part of Letters Patent No. **175,643**, dated April 4, 1876; application filed August 2, 1875.

To all whom it may concern:

Be it known that I, CHARLES D. BATCHELOR, of Minneapolis, Minnesota, have invented certain new and useful Improvements in Combined Tables and Automatic Fans, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side view of my invention. Fig. 2 is a vertical section. Fig. 3 is a detail to be referred to.

The object of my invention is to provide a cheap and easily-constructed self-waiting table, in combination with an automatic fan; and it consists in the combination and arrangement of parts hereinafter described and claimed.

To enable others skilled in the art to make and use my invention, I will proceed to describe the exact manner in which I have carried it out.

In the said drawings, A A′ B B′ represent the leaves or disks of the table, and H the supports or legs. Passing upward through the center of the leaves A A′ B B′ is the standard C, which is made hollow for the admission of the vertical shaft D, which passes upward through it until its upper end is flush, or even with the upper surface of plate B′. The standard C has the shoulders *b* turned on its outside, as shown in Fig. 2. The leaves A A′ B B′ are placed on the standard C, one above another, and are separated by the sleeves *c c′ c″*, which fit on the shaft, and whose upper surfaces are flush or even with the shoulders *b* of the shaft. The leaves A and B′ are affixed permanently to the standard C by any convenient means, while the leaves A′ and B are made so that they can be easily revolved. Attached to the under side of the leaf A is a train of small gears, G, operated by a coil-spring, S, and connected with the shaft D by means of a crank, *h*, and pitman, *d*, through an opening, *i*, in the standard C, as shown in Fig. 3. When the spring S is wound up, and the gears set in motion, an oscillating movement is given to the shaft D. The leaf B′ has three pins or studs, *s*, projecting upward from its upper surface, for the purpose of securing an urn-shaped knob, M, thereon. Passing through and above the knob M is a short vertical shaft, N, which has a socket, *a*, at its lower end for the purpose of connecting the shaft *n* to shaft D. At the upper end of the shaft N is permanently attached a button, *l*, in the periphery of which are holes *e e* for the purpose of securing the handles of fans and flags or other similar devices to the button. The knob M has holes in its bottom to receive the pins *s*. The flags or fans are caused, by the motion of the shafts D and N, to move rapidly back and forth through the arc of a circle, and thus create a gentle breeze. It is also obvious that when the table is used as a dining-table the movement of the fans or flags will keep away the flies, which are often a source of annoyance.

When it is desired the knob M can be removed from leaf B′, and the leaf can be used as a stand for a lamp or vase of flowers.

The leaves of this table may be made to fall by means of hinges, as in the ordinary table, or they may be made as shown in drawing.

It is evident from the foregoing description that my table can be advantageously used, either as a dining, parlor, specimen, work, or flower table, and that fancy figures can be used in place of fans or flags in the button *l*.

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

As a new article of manufacture, a table consisting of the hollow shaft C, oscillating rods D and N, button *l*, clock-work *d*, fixed leaves A B′, rotating leaves A′ B, and detachable sleeves *c c′ c″*, all constructed and arranged to operate substantially as described and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand.

CHARLES D. BATCHELOR.

Witnesses:

ARTHUR WALES,

VERNON BELL.