

(No Model.)

G. R. BURDON.

TOILET FAN.

No. 376,231.

Patented Jan. 10, 1888.

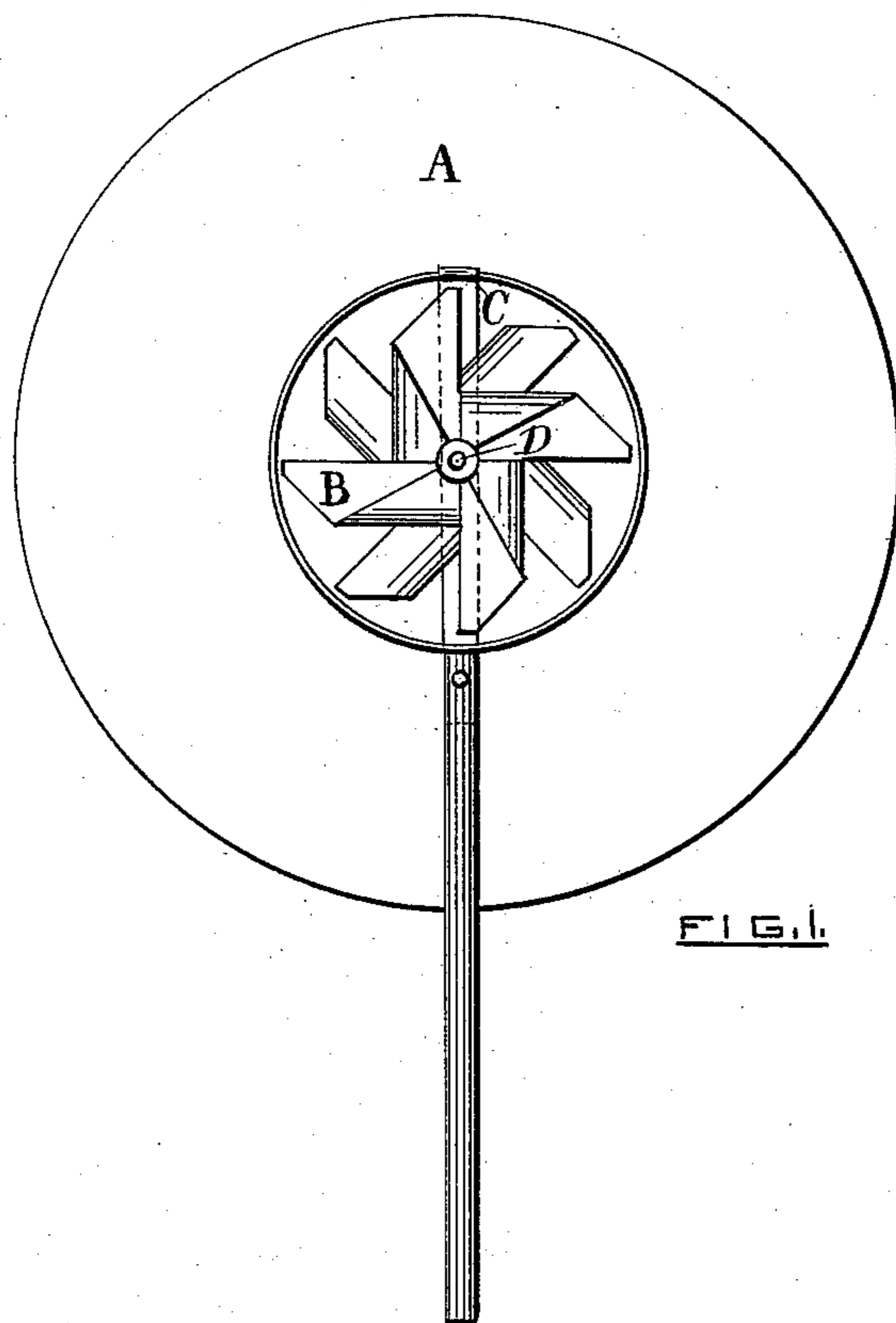


FIG. 1.

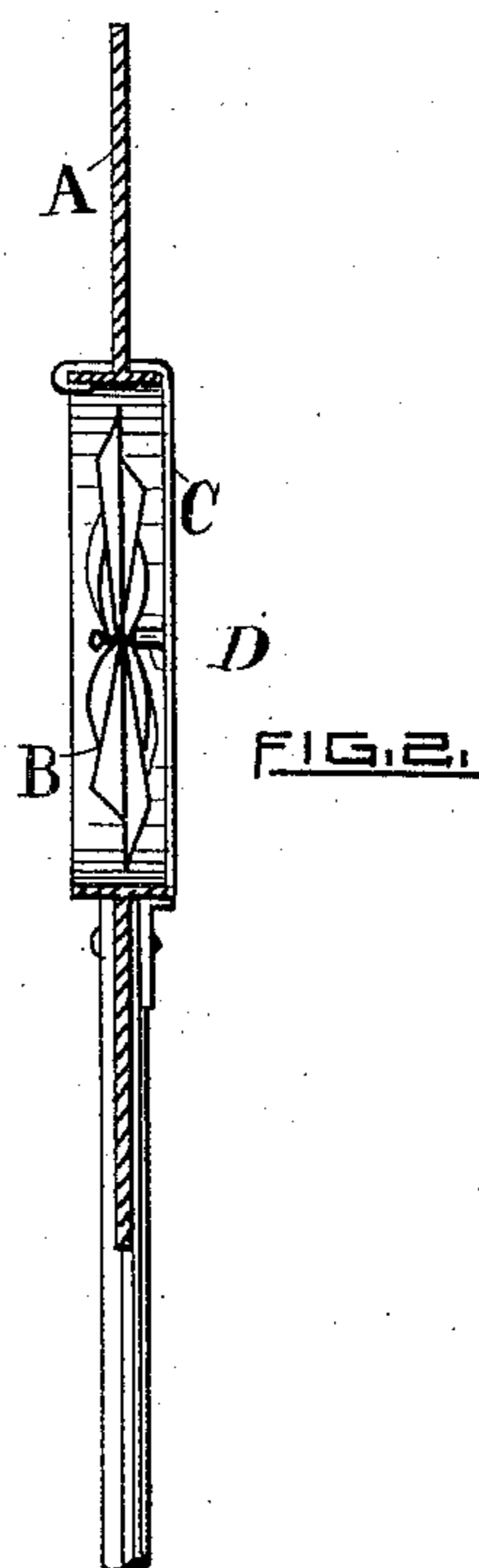


FIG. 2.

WITNESSES,

Chas. L. Spencer
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INVENTOR,

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UNITED STATES PATENT OFFICE.

GEORGE R. BURDON, OF PROVIDENCE, RHODE ISLAND.

TOILET-FAN.

SPECIFICATION forming part of Letters Patent No. 376,231, dated January 10, 1888.

Application filed June 9, 1884. Renewed April 4, 1887. Serial No. 233,655. (No model.)

To all whom it may concern:

Be it known that I, GEORGE R. BURDON, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented a new and novel Improvement in Toilet-Fans; and I do hereby declare that the following specification, taken in connection with the accompanying drawings, is a full, clear, and exact description thereof, in which—

Figure 1 represents a front view, and Fig. 2 a side view, of my improvement.

My invention consists in a wind-wheel as attached to a fan, and it is designed to so arrange the wheel that from the ordinary movement of the fan it may be set in motion by a current of air caused thereby.

In the accompanying drawings, A represents a fan of any suitable material, and may be made in any desired form or style. A portion of said fan is cut away at or near its center and the wind-wheel B inserted therein.

C is a cross piece or bar fastened to fan B upon the back side and spanning across the opening cut in said fan for the purpose of holding the wind-wheel B in position for its operation,

said wheel being fitted to turn loosely upon a small stud, D, secured to the center of the cross piece C, whereby from any given motion to the fan forward or backward the natural current of air against the wings or blades of the wind-wheel B causes said wheel to revolve upon its stud-fastening.

This being a new and novel invention, its advantages as an advertising medium over other fans are very great.

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

A toilet-fan having a portion of its center removed, with a cross-bar, C, attached to the fan across the opening therein, and a wind-wheel, B, pivotally attached to said bar in the opening and adapted to be operated by the action of the air when the fan is in motion, substantially as described and shown, and for the purpose set forth.

GEORGE R. BURDON.

Witnesses:

CHAS. L. SPENCER,
LOUIS L. ANGELL.