

# J. H & L. Drane. Dining-Table

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PATENTED JUN. 27 1871

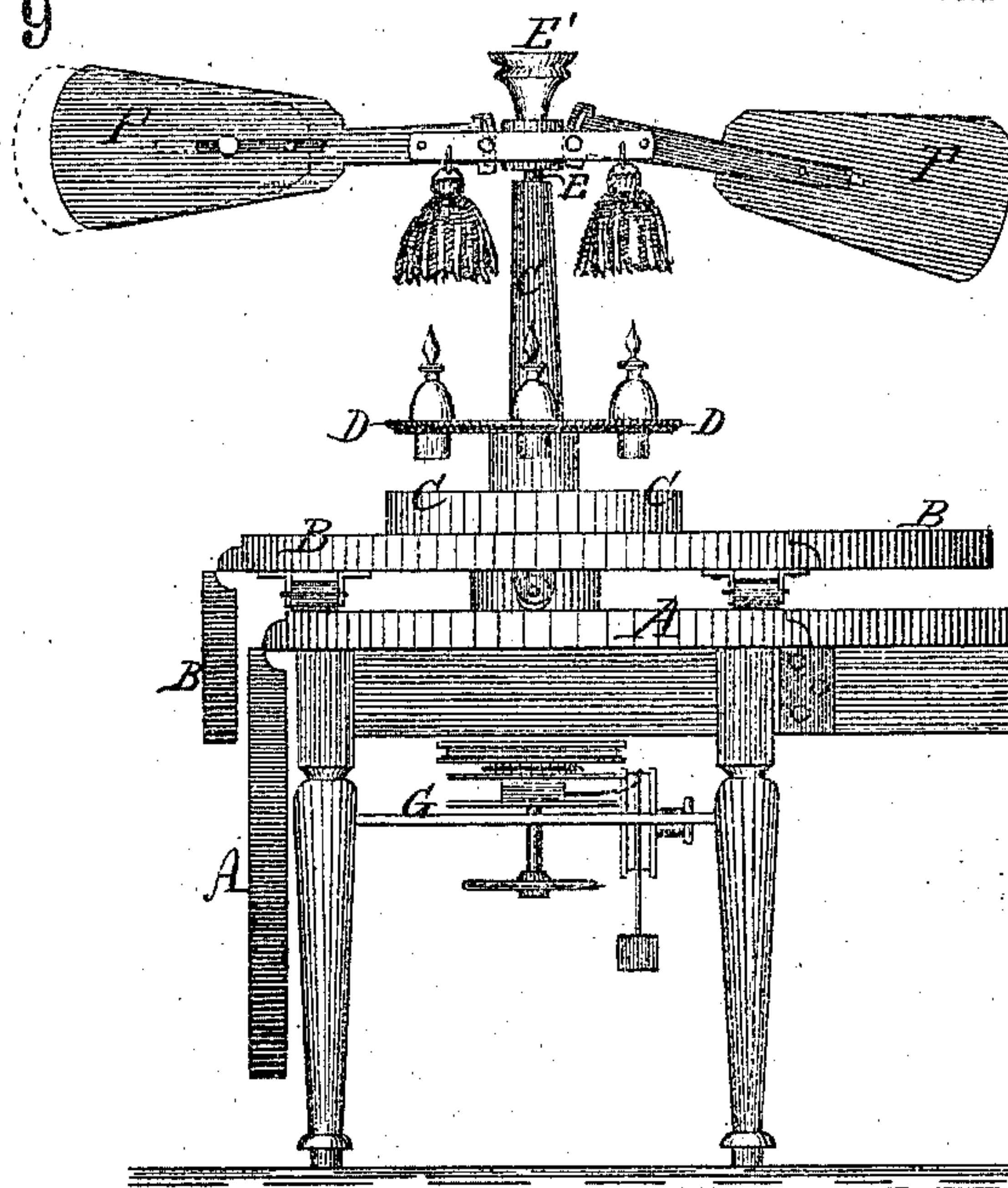


Fig. 1

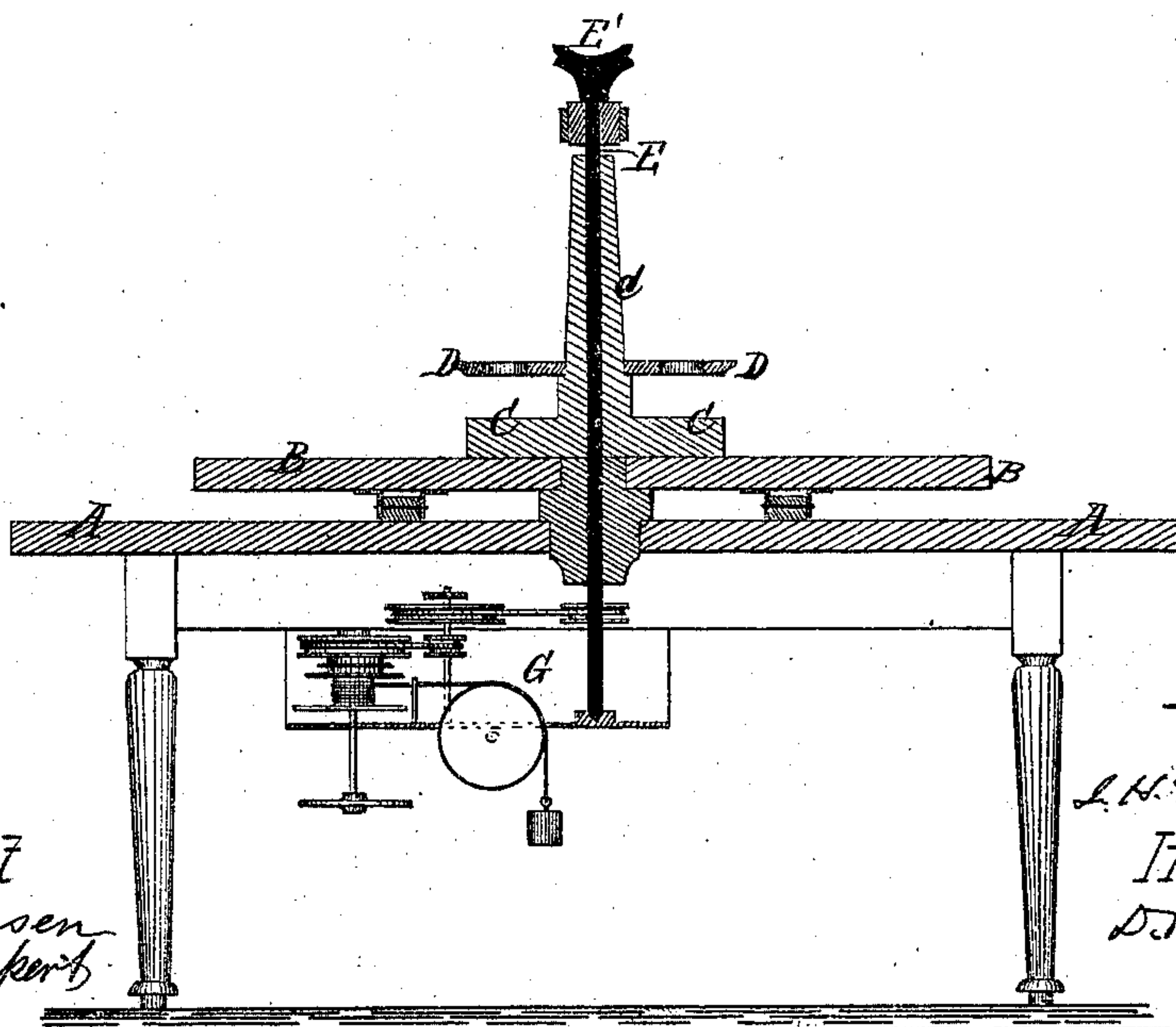


Fig. 2.

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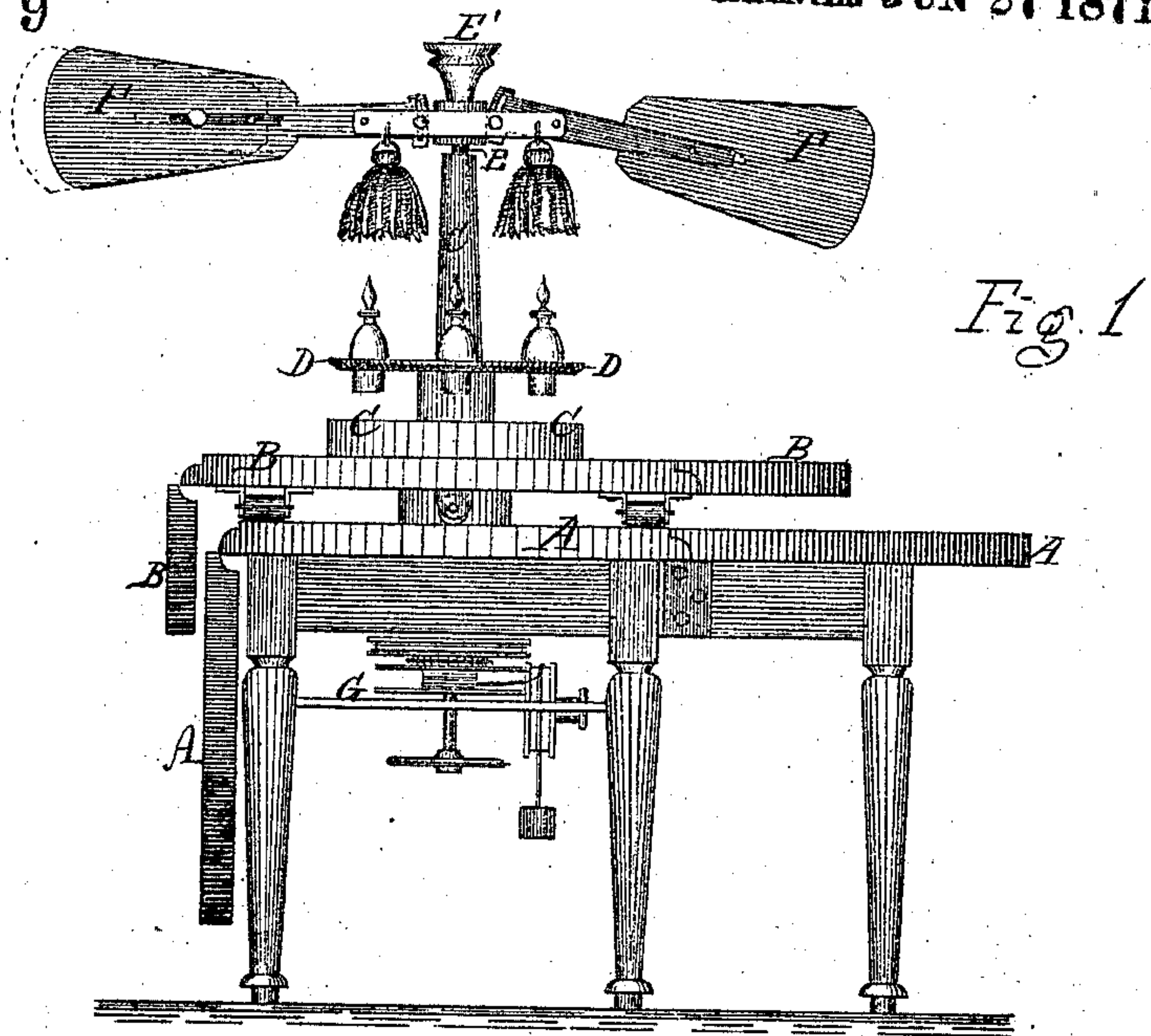


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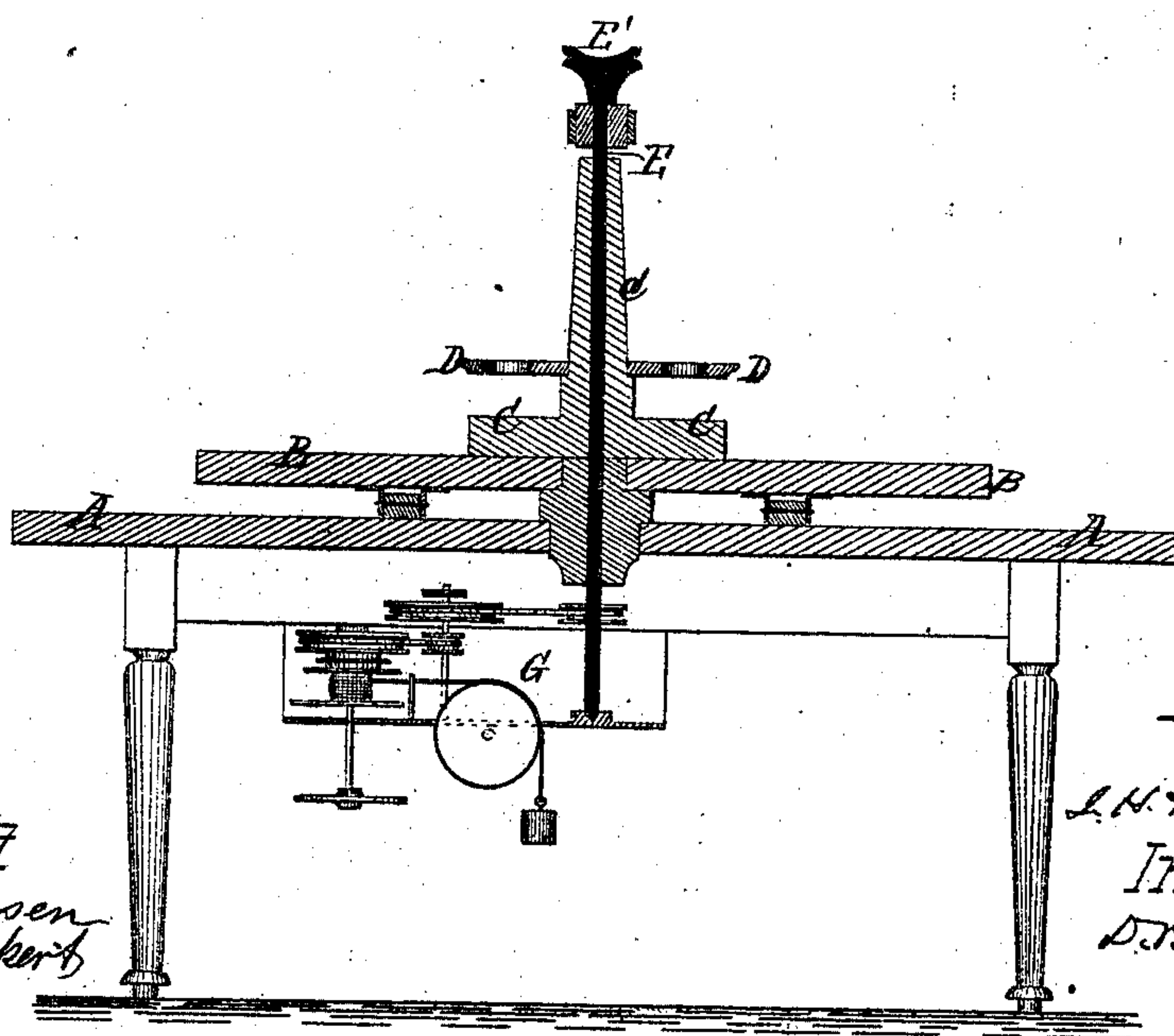


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# UNITED STATES PATENT OFFICE.

JAMES H. DRANE AND LEONARD DRANE, OF EMINENCE, KENTUCKY.

## IMPROVEMENT IN DINING-TABLES.

Specification forming part of Letters Patent No. 116,419, dated June 27, 1871.

*To all whom it may concern:*

Be it known that we, JAMES H. DRANE and LEONARD DRANE, of Eminence, in the county of Shelby and State of Kentucky, have invented a new and useful Improvement in Dining-Tables; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawing making part of this specification, in which—

Figure I is an elevation of our improved table, showing the table proper with folding leaves, and above it a revolving platform or additional table, a caster-stand, and a fly-brush. Fig. II is a central vertical section, showing some of the parts above alluded to, and, in addition, the vertical shaft of the fly-brush and the mechanism which drives it.

Corresponding letters refer to corresponding parts in both figures.

This invention relates to tables which are used at meal-times to place the food and dishes upon; and it consists in the construction, combination, and arrangement of the parts of which it is composed, as will be more fully explained hereinafter.

In constructing tables of this character we prefer to have the portion A, which constitutes the platform, round; but it may be of any other form if preferred. When of sufficient size to make it necessary, its leaves may be made to fold down, as shown in Fig. I, or in any of the usual ways. This platform rests upon a frame, which is supplied with legs in the usual way, but which, as they form no part of our present invention, need not be more particularly described here. Resting upon rollers or casters, which turn upon the upper surface of the stationary table, there is placed a rotating table or platform, upon which are to be placed the dishes which contain the viands which constitute the meal. This table or shaft is held in position by and rotates around a vertical column or standard, C, which passes up through it and is firmly secured to the stationary table, but is allowed to rotate in it.

When a person sitting at any place, with reference to the stationary table, desires to bring opposite to him any dish which is upon any part

of the revolving platform, he can do so by placing his hand upon such platform and turning it the proper distance.

This platform is provided with folding leaves, which are hinged to the central portion so that they may be folded downward, as shown in Fig. I. Above the revolving platform or table there is secured upon the revolving column a caster-stand, which is provided with apertures or sockets for the reception of cruets for containing condiments. Passing up through the center of the table, or through the center of the revolving column C, there is a shaft, E, the lower end of which is made to rest in a step, in which it rotates, and from which it extends upward, as shown in Fig. II, and has upon its upper end a candle or lamp-socket, E', in which may be placed a candle or lamp, for use in the night or in a darkened room. The upper end of this shaft is held in position by the standard or column C, immediately above which there is a collar, to which a cross-head is attached, to which the fans F F are secured. These fans are secured to arms, which are made to turn upon pivots in the cross-head, and have in their inner ends segmental slots, in order that their outer ends may be elevated or depressed at pleasure. The fans are provided with slots, as shown in Fig. I, in order that they may be set at a greater or less distance from the shaft. To the arm of the fans or to the cross-head fly-brushes are suspended, and a rotary movement is imparted to this shaft, and through it to the fans and brushes, by clock-work or by a train of pulleys or gears, as shown at G in Fig. II.

Motion may be imparted to the pulleys or gear-wheels by a weight, as shown, or it may be by a spring; the intention being to use any known mechanism that will give the required movement to the fans and brushes, so that the fans may cause a current of air to pass over or around the guests while eating, and so that the brushes shall drive away the flies at all times when in motion.

We are aware that rotating fans and fly-brushes have before been applied to dining-tables. We do not, therefore, claim broadly their application thereto; but

Having thus described our invention, what we do claim, and desire to secure by Letters Patent, is—

The combination and arrangement of the stationary table A, revolving table or platform B, column C, caster D, vertical shaft E, adjustable fans F F, and driving mechanism G, substantially as and for the purpose set forth.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

JAS. H. DRANE.  
LEONARD DRANE.

Witnesses:

T. E. C. BRINLY,  
VAN F. LYONS.