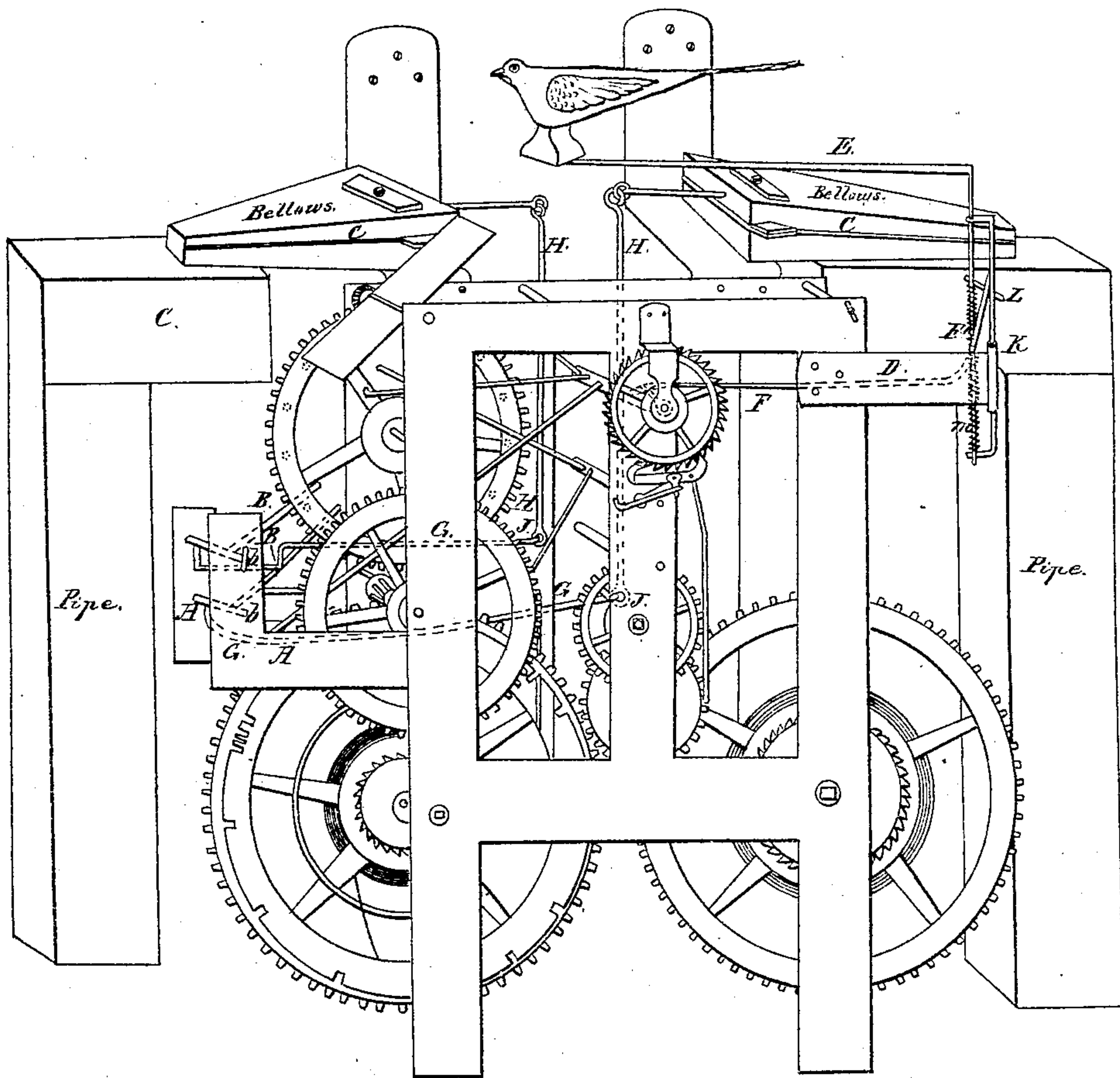


T. A. Kohn,

Musical Clock,

Nº 54,175.

Patented Apr. 24, 1866.



Witnesses:

Frankfield
Philip Maesch.

Inventor:

Theodor Kohn

UNITED STATES PATENT OFFICE.

THEODORE A. KOHN, OF NEW YORK, N. Y.

MUSICAL CLOCK.

Specification forming part of Letters Patent No. **54,175**, dated April 24, 1866.

To all whom it may concern:

Be it known that I, THEODORE A. KOHN, of the city, county, and State of New York, have invented a new Mode of Making a Musical or Cuckoo Clock, by means of attaching this improvement to an ordinary striking clock; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists, first, in providing two upright plates, (marked A in the drawings,) which I attach parallel and at right angles to the sides of the ordinary striking-wheel, the same plates being perforated to admit the pivots *b* of two or more levers, (marked B,) which levers are connected with two or more bellows and organ-pipes, (marked C,) by means of the wires G, connecting with the wires H at the joints J. I further attach a plate (marked D) on the right or running part of the clock, carrying a wire, K, in which I insert a wire swinging lever, E, on the farther end of which I place the carved figure of a cuckoo, the same as in ordinary cuckoo-clocks. I furthermore attach a wire (marked F) to the upper lock-work rock-shaft of the striking part, which wire I run in a parallel line to the swinging lever E where it ascends or descends, as the case may be, and presses in the manner of a cam against a pivot running through the swinging lever E. Now, when the clock is

about to strike, the curved portion F of the wire F is pressed downward, thereby bringing out the bird by pressing against the pivot L, running through the swinging lever (marked E) whenever the lever F is depressed by the striking mechanism of the clock. At the same time the levers B are raised by the pegs in the striking-wheel lifting up the levers connecting with the bellows, and thereby producing the musical sound as in ordinary cuckoo-clocks. When the clock is done striking the bird is brought inside the clock-case by a coiled spring, *m*, attached to the swinging lever in the same manner as in the ordinary cuckoo-clock. Now, I allege that by the attachment of the parts below claimed to any ordinary striking clock I can make a cuckoo-clock out of the same.

I do not claim the construction of the levers B nor the swinging lever E, neither the flutes C nor the bird or ordinary mechanism of the cuckoo-clock.

What I claim as my invention is—

The construction of two (2) L-shaped plates, (marked A,) in combination with the plate D, having the wire K, and the manner of attaching the swinging lever (marked E) thereto, as shown and described.

THEODORE A. KOHN.

Witnesses:

PHILIP MAERCH,
W. D. MATTHEWS.