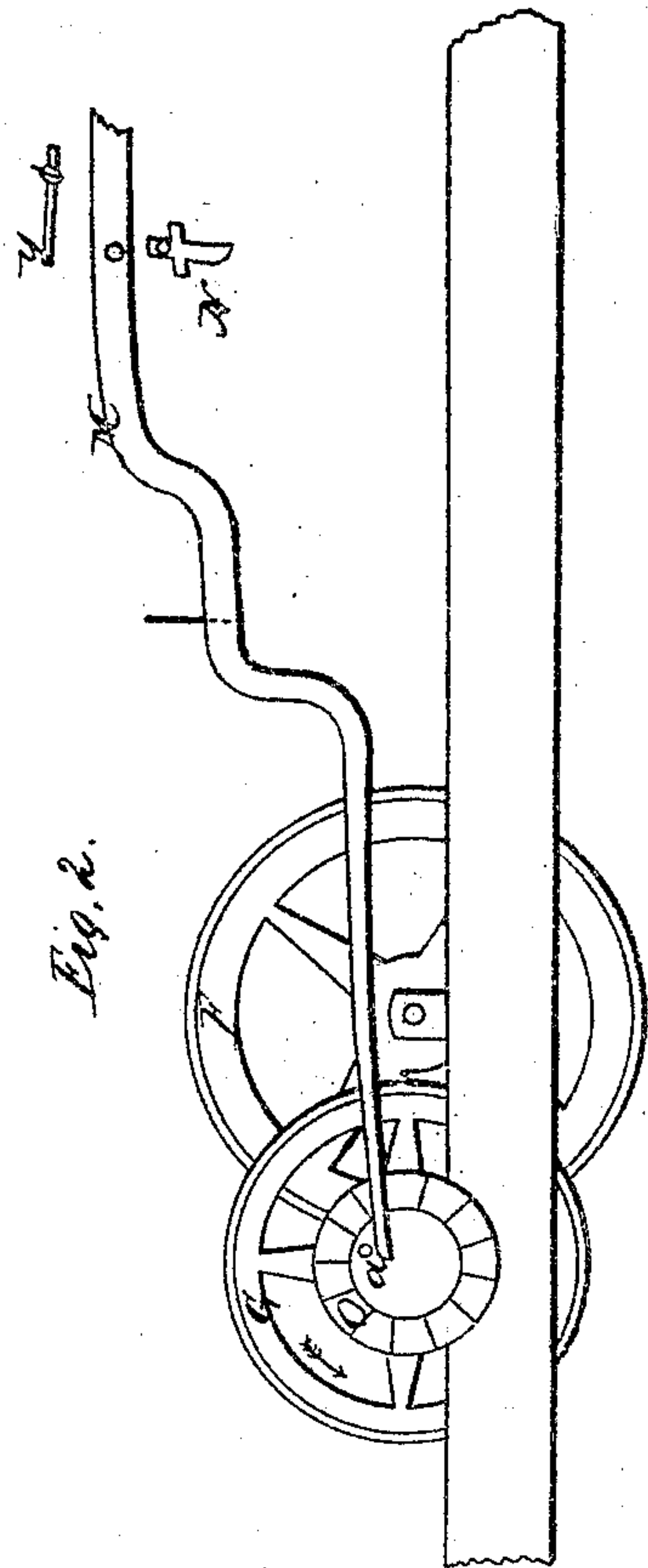
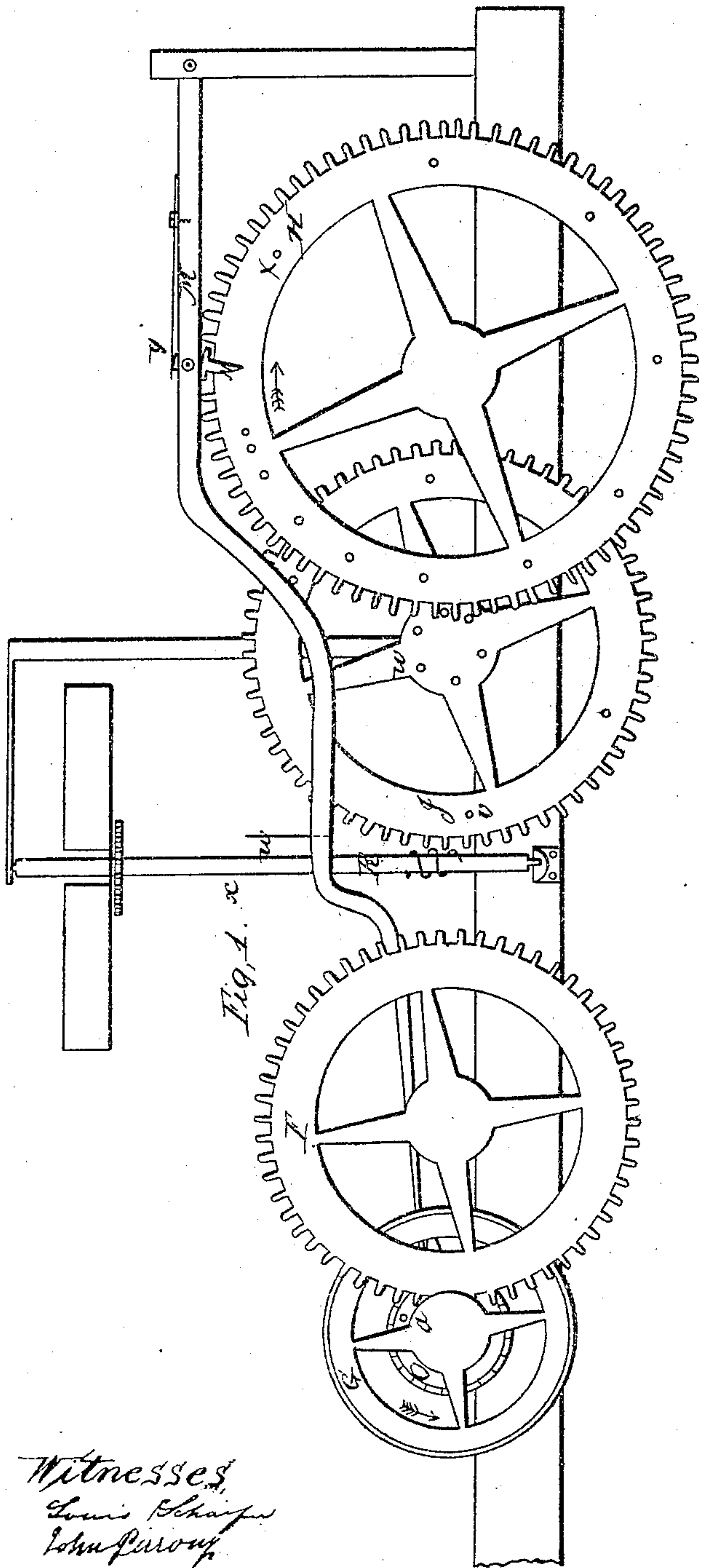


G. DEUBLE.
STRIKING PART OF STEEPLE CLOCKS.

No. 11,362.

Patented July 25, 1854.



Witnesses,
Louis Schaeffer
John Parouy

Inventor,
George Deuble,

UNITED STATES PATENT OFFICE.

GEORGE DEUBLE, OF CANTON, OHIO.

STRIKING PART OF STEEPLE-CLOCKS.

Specification of Letters Patent No. 11,362, dated July 25, 1854.

To all whom it may concern:

Be it known that I, GEORGE DEUBLE, of Canton, Stark county, Ohio, have invented new and Improved Machinery for the Striking Part of Eight-Day Steeple-Clocks; 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 of only two wheels, to wit: Wheel H with seventy eight teeth, wheel I, and screw K.

The wheel H has affixed in it twelve pins not equally apart, the distance of the smallest space is the distance, the wheel H will move to strike "one" and so on increasing by one, until it strikes "twelve." Wheel H, drives the wheel I which has six pinions marked by the letter U, in which, wheel H gears. Wheel I has six pins in it, for drawing the hammer as marked by letter V. Wheel I works in the screw K. The beam M has a pin marked W to arrest the screw, by the pin H in the screw, when the wheel H moves around, the pins in the wheel H raise up the beam M, by means of the knee N which is a little movable; when let loose of the pin it rests on, it will spring forward by means of the spring Y on the top of beam M.

When the pin of the screw K and beam M touch, the clock has struck the hour. To set it in operation the small wheel O, as seen in Fig. 2, has a pin A in it. When wheel O moves around it raises up the beam M by the pin A. The knee N springs from the pin in wheel H, where it rests. The beam M, falls off from the pin A in wheel O. It lets the pin X in the screw K escape and it will strike until one of the pins in wheel H will again raise the beam M, and the two pins in screw K and beam M catch.

What I claim as my invention, and desire to secure by Letters Patent, is—

Attaching to the beam or lever M, which is operated by a pin in the wheel O, and is provided with a detent for arresting the fly, the knee N or its equivalent to act in conjunction with the pins in the count wheel H as an inclined plane, to raise the lever, till its detents takes effect, and to escape from the pins when the lever is still further raised by the pin on the wheel O as herein described.

GEORGE DEUBLE.

Witnesses:

LOUIS SCHAEFER,
JOHN PIRRONG.