

(Model.)

2 Sheets—Sheet 1.

A. SCHOTT & T. LEEPY.

CHURN MOTOR.

No. 255,121.

Patented Mar. 21, 1882.

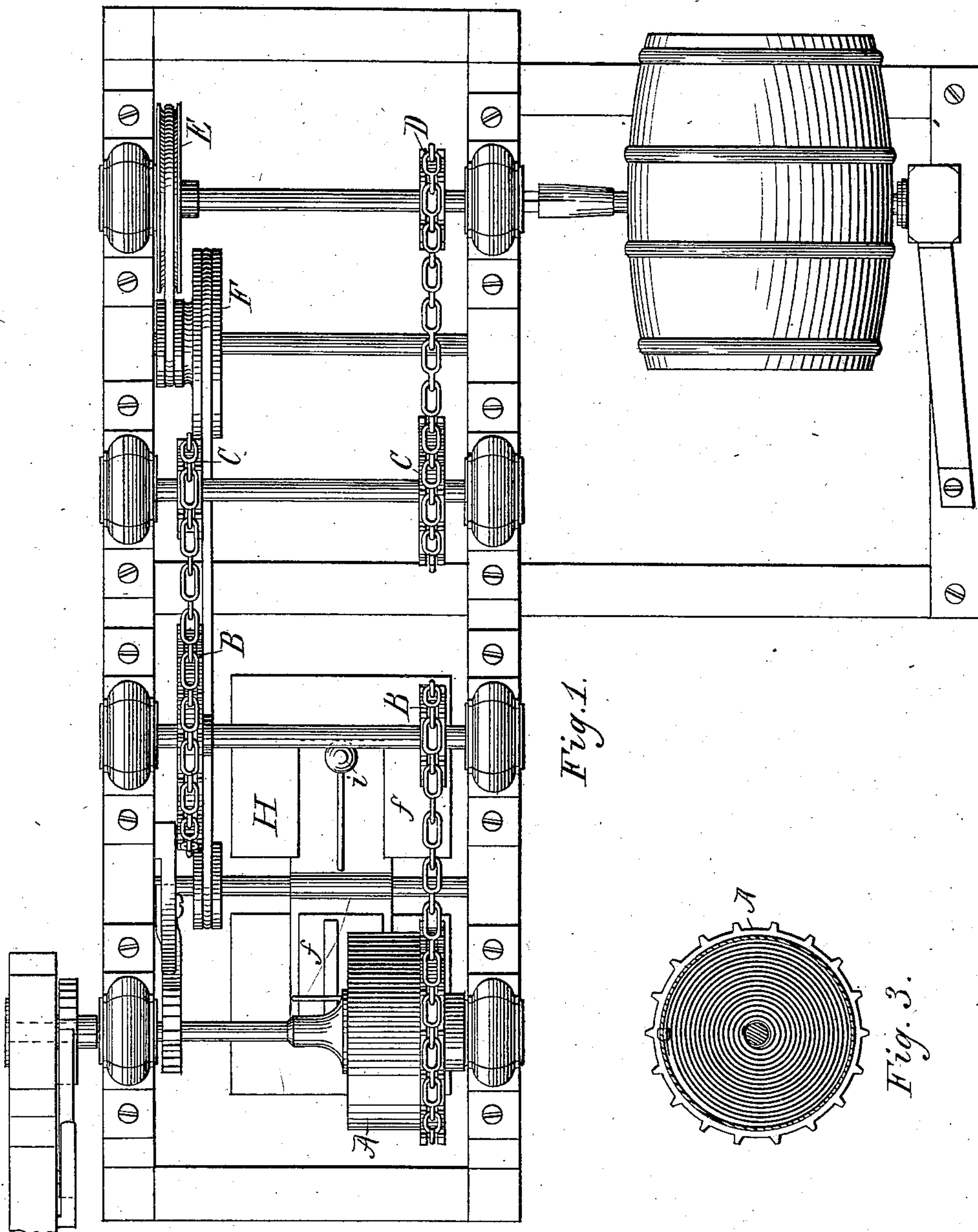


Fig. 1.

Fig. 3.

Witnesses.
J. P. Thompson
Ernst H. Weidman

Inventor.

Anton Schott
Charles Lepp

(Model.)

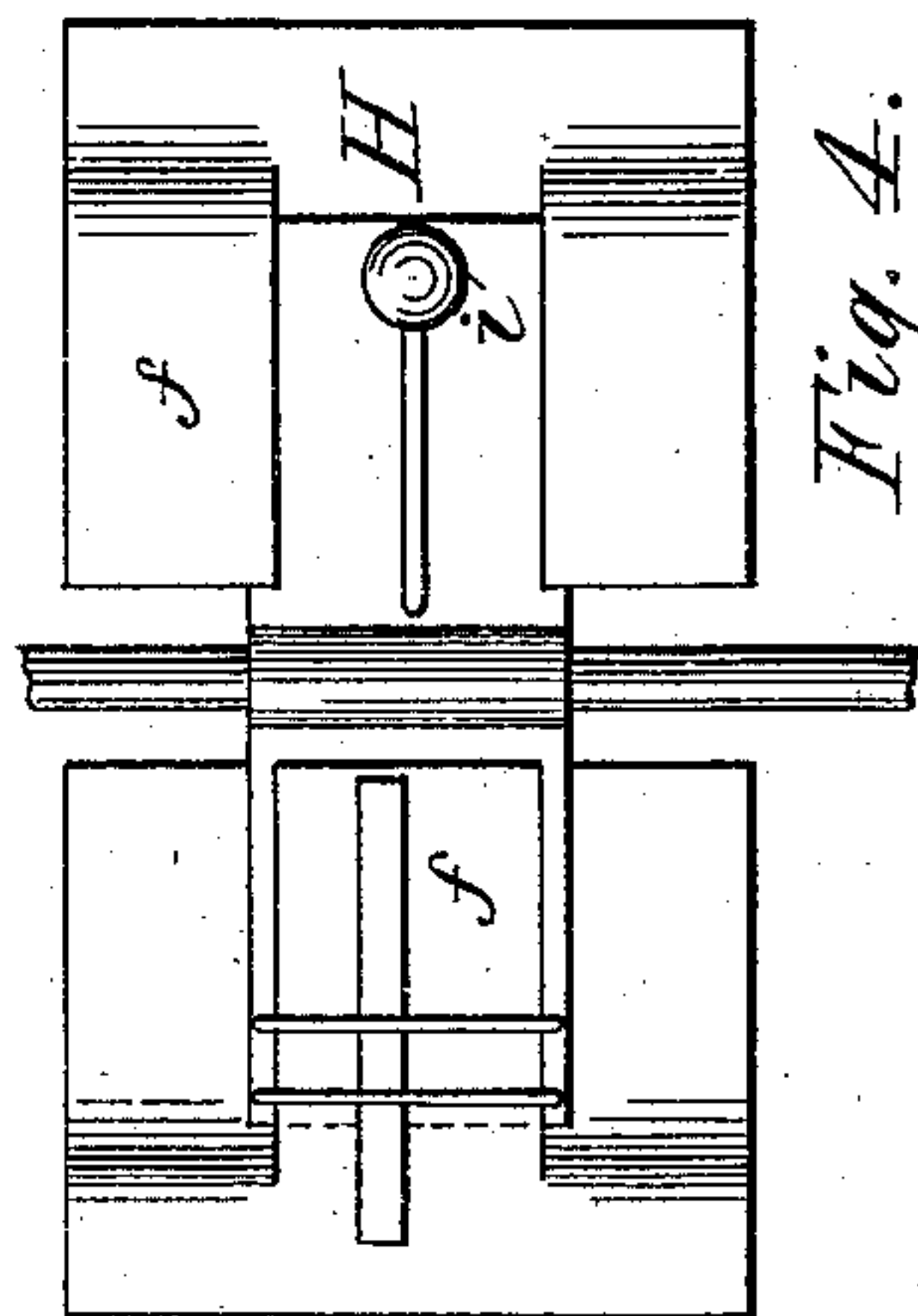
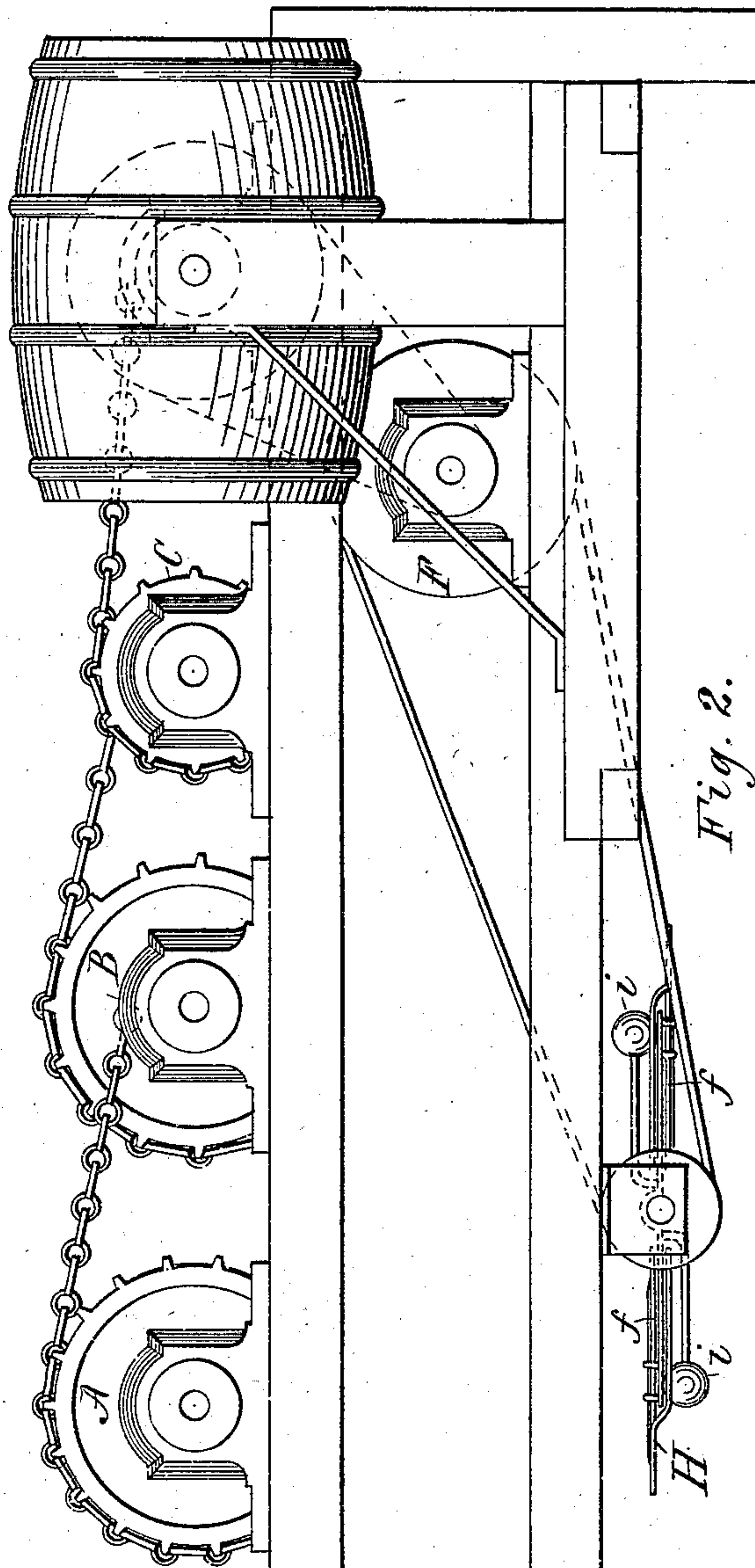
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2 Sheets—Sheet 2.

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T. D. Thompson
Ernst A. Weirhaas

Inventor.

Anton Schott
Charles Leepy

UNITED STATES PATENT OFFICE.

ANTON SCHOTT AND THEODORE LEEPY, OF FRANKLIN GROVE, ILLINOIS.

CHURN-MOTOR.

SPECIFICATION forming part of Letters Patent No. 255,121, dated March 21, 1882.

Application filed February 1, 1882. (Model.)

To all whom it may concern :

Be it known that we, ANTON SCHOTT and THEODORE LEEPY, both citizens of the United States, residing at Franklin Grove, in the county of Lee and State of Illinois, have jointly
5 invented certain new and useful Improvements in Churn-Motors; and we do hereby declare that the following is a clear and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference
10 marked thereon, which form part of this specification.

The nature of our invention consists in the construction and arrangement of a coiled spring
15 and a series of wheels to which an ordinary churn is attached, the construction of which will be hereinafter more fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and
20 use the same, we will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a plan view of the whole machine with churn attached. Fig. 2 is a sectional view
25 of our adjustable fan.

A represents first wheel and barrel in which coiled spring is inclosed; B, second wheel, connected by a chain to A; C, third wheel, connected by a chain to B; D, fourth wheel, connected by a chain also to C, making in all a
30 chain-gear consisting of three large wheels,

three smaller wheels, and three chains. The churn is attached to the same shaft as wheel D and the pulley E, from which a belt runs the pulley F and another belt revolves the fan or
35 governor H. The intermediate pulley, F, is employed merely to give the fan H greater speed, thereby enabling us the better to regulate the revolutions of the churn. The fan H has attached to it two balls, also two flanges, which
40 can all be drawn out or pushed in, and which enables us to regulate the speed to suit, or, in other words, to regulate it so that the churn will make the same number of revolutions in
45 an hour, whether it is full or only partly full.

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

1. The coiled spring for a churn-motor and the chain-gear A, B, C, and D, combined substantially as and for the purpose set forth. 50

2. In a churn-motor, the combination of the coiled spring, chain-gear A B C D, fan H, with balls *i i*, and flanges *f f*, constructed substantially as and for the purpose herein set forth. 55

ANTON SCHOTT.
THEODORE LEEPY.

Witnesses:

T. P. THOMPSON,
ERNST A. WEISHAAR,
JOHN D. SITTS.