

(No Model.)

F. CHASE.
LASTING MACHINE.

No. 571,339.

Patented Nov. 17, 1896.

Fig. 1.

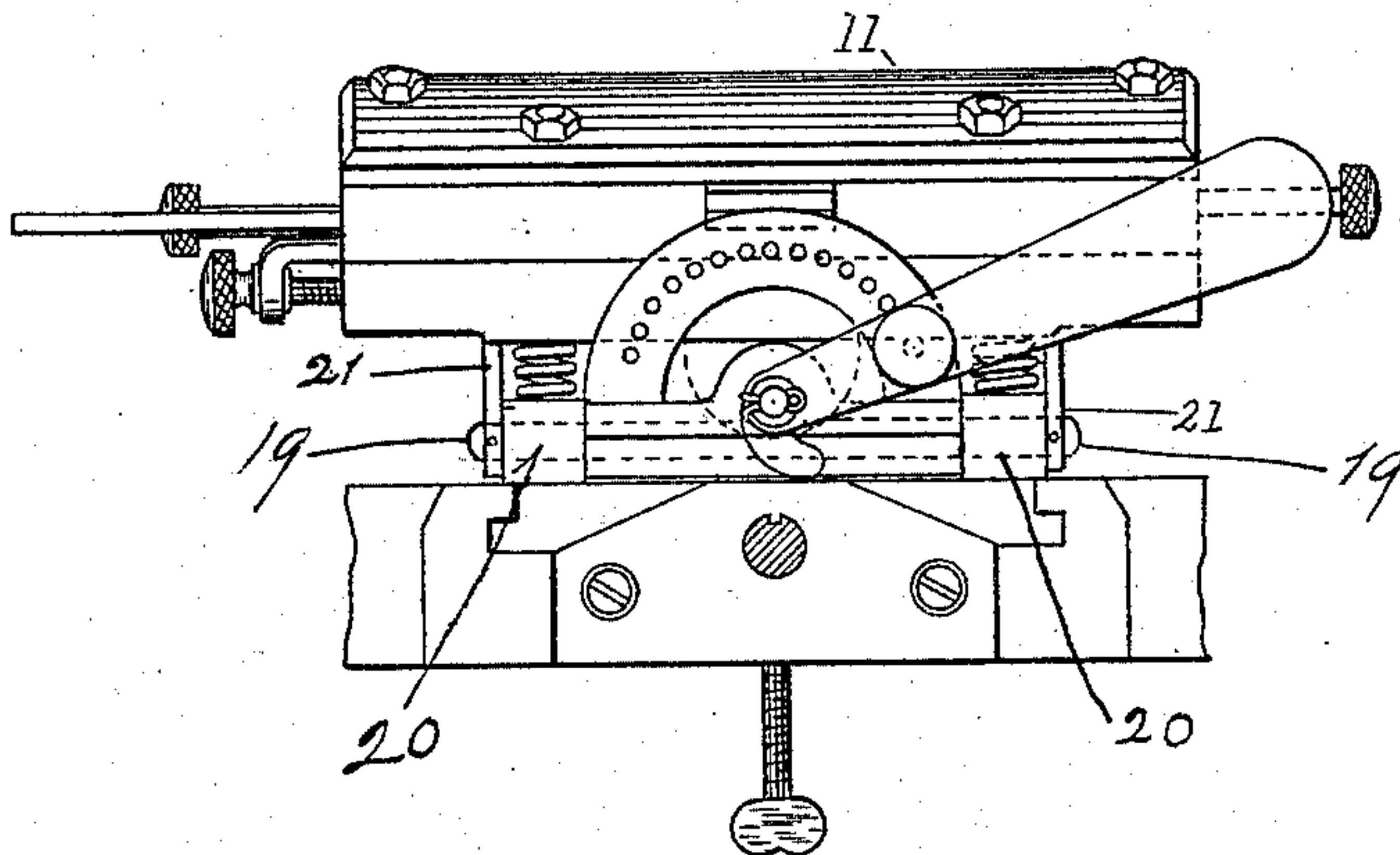
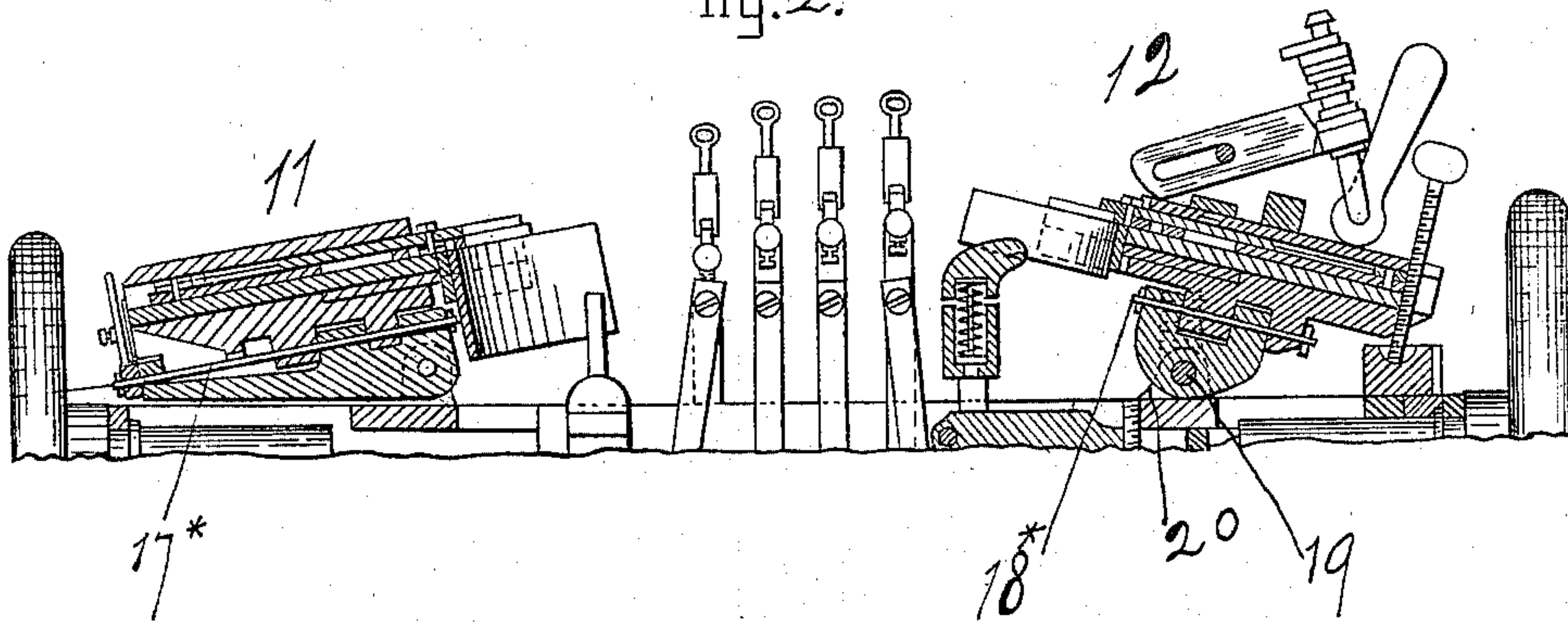


Fig. 2.



Witnesses.

Lauritz N. Moller
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Inventor.

Frank Chase
by his attorney
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UNITED STATES PATENT OFFICE.

FRANK CHASE, OF WATERTVILLE, MAINE, ASSIGNOR TO THE CHASE LAST-
ING MACHINE COMPANY, OF PORTLAND, MAINE, AND BOSTON, MAS-
SACHUSETTS.

LASTING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 571,339, dated November 17, 1896.

Application filed October 16, 1895. Serial No. 565,910. (No model.)

To all whom it may concern:

Be it known that I, FRANK CHASE, of Wat-
terville, in the county of Kennebec and State
of Maine, have invented a new and useful
5 Improvement in Lasting-Machines, of which
the following is a specification.

Referring to the accompanying drawings,
Figure 1 is an end view of a sidewise-tiltable
carriage provided with my new carriage-lock.
10 Fig. 2 is a side elevation of a sidewise-tiltable
carriage provided with my new lock.

The object of my invention is to simplify
the construction and manipulation and to in-
crease the speed of lasting-machines.

15 My invention, although shown embodied in
a Chase lasting-machine, is applicable in other
makes of lasting-machines.

My invention consists in the combination
of a sidewise-tilting carriage with a lock to
20 prevent it from tilting when so desired.

The end carriages 11 and 12 are each tilt-
able sidewise on their respective longitudinal
pivots 17* and 18*. It is frequently desirable
in practice to lock one or both the sidewise-
25 tiltable carriages in a nonsidewise-tiltable
position. To that end I provide a lock which
is frequently formed by extending the usual
cross-shaft 19 beyond its side bearings 20 and
30 mounting on the projection ends arms 21,
which are readily swung upwardly to bring

their free ends into engagement with the un-
der side of the carriage and to prevent the
carriage from tilting on either or both sides,
as may be desired.

In practice it is not required to tilt the car- 35
riage sidewise in one direction only, and I
consequently make both arms 21 fast on their
shaft, which is free to rock in its bearings 20,
so that when one arm is turned up or down
the other arm is carried with it. 40

It will be plain that various forms of lock-
ing devices may be employed to keep the
sidewise-tiltable carriages from tipping side-
wise, and I do not wish to be understood as
limiting this feature of my invention to my 45
specific construction.

What I claim is—

In a lasting-machine, the combination of a
sidewise-tiltable carriage with a pair of swing-
ing locking-arms, one for each side of the 50
carriage, substantially as and for the purpose
set forth.

In testimony whereof I have signed my
name to this specification, in the presence of
two subscribing witnesses, on this 27th day of 55
September, A. D. 1895.

FRANK CHASE.

Witnesses:

L. W. HASKELL,
SARAH L. CHOATE.