

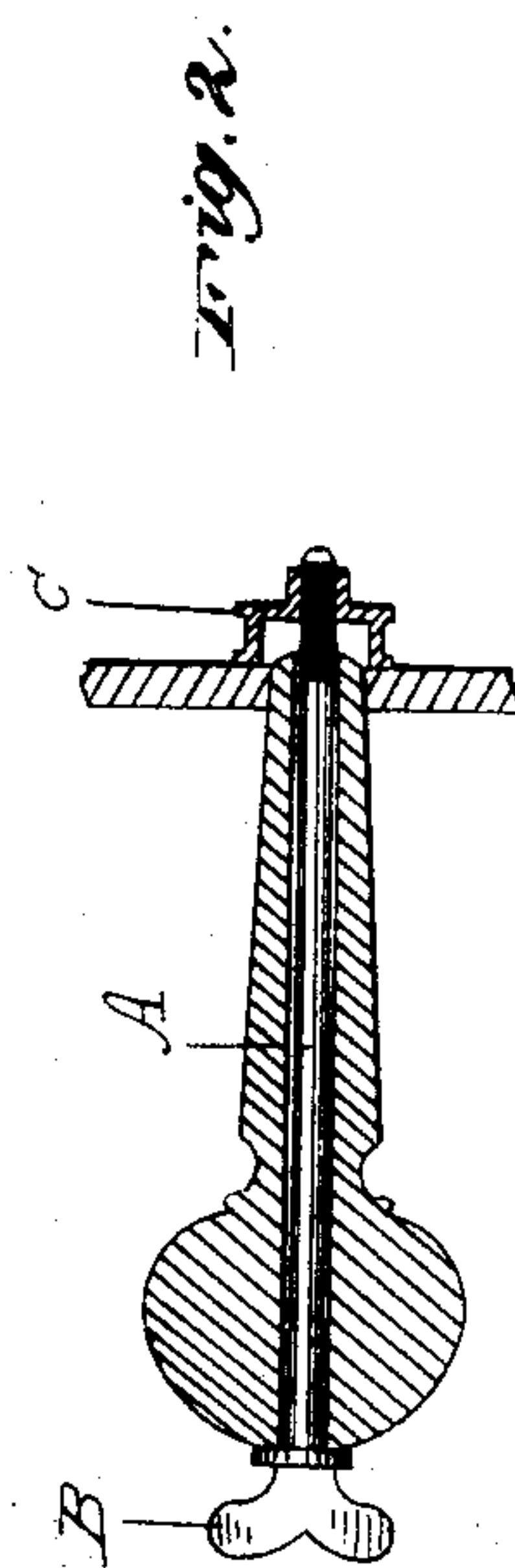
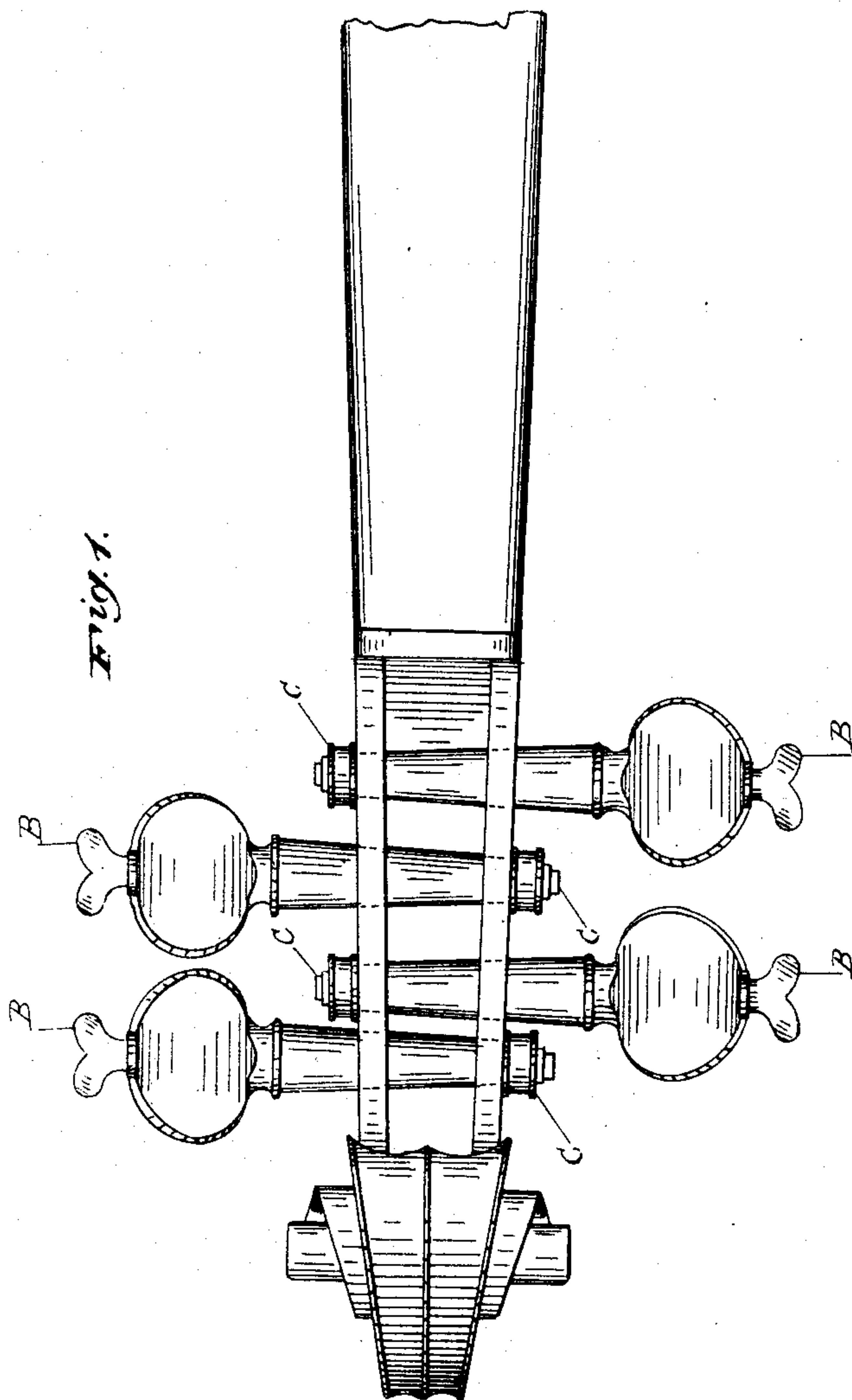
No. 683,967.

Patented Oct. 8, 1901.

E. MOLLENHAUER.
ATTACHMENT FOR STRINGED MUSICAL INSTRUMENTS.

(Application filed Feb. 15, 1901.)

(No Model.)



WITNESSES:

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EDWARD MOLLENHAUER, OF NEW YORK, N. Y.

ATTACHMENT FOR STRINGED MUSICAL INSTRUMENTS.

SPECIFICATION forming part of Letters Patent No. 683,967, dated October 8, 1901.

Application filed February 15, 1901. Serial No. 47,525. (No model.)

To all whom it may concern:

Be it known that I, EDWARD MOLLENHAUER, a citizen of the United States, residing at 320
Lenox avenue, in the city of New York, county
5 and State of New York, have invented new
and useful Improvements in Attachments for
Stringed Musical Instruments, of which the
following is a specification.

My invention relates to improvements in
10 attachments to pegs adapted to be employed
in stringed musical instruments; and the ob-
ject of my invention is to prevent the pegs
from slipping while the instrument is being
tuned or after it has been tuned. This object
15 is attained by the mechanism represented in
the accompanying drawings, in which—

Figure 1 represents a front view of a violin
having my attachment applied thereto. Fig.
2 represents a central longitudinal sectional
20 view of a violin-peg detached, also showing
my attachment applied thereto.

Similar letters refer to corresponding parts
in both the views.

My invention is adapted to be applied to the
25 ordinary pegs in present use in violins and
other stringed musical instruments in which
pegs are employed in tuning.

In order to prevent the pegs from slipping
while being tuned and to maintain the in-
30 strument in tune indefinitely, rods A are pro-
vided and which are introduced so as to pass
centrally through the pegs, as shown more
clearly in sectional view, Fig. 2. To one end
of these rods A are secured thumb-nuts B, by
35 means of which, together with the stationary
nuts C on the opposite threaded ends thereof,
the pegs may be drawn into their seats and
firmly maintained therein, as shown, thereby
preventing the pegs from slipping and main-
40 taining the instrument in tune indefinitely.
It will be observed that the nuts C are re-
cessed in order to admit therein the project-
ing ends of the pegs, so as not to interfere
therewith. It will be understood that by this

construction and arrangement of locking 45
mechanism by loosening the threaded rods A
the pegs are liberated and may be turned in
tuning the same as though no locking devices
were attached thereto.

Having described my invention, what I 50
claim therein as new, and desire to secure by
Letters Patent, is—

1. In combination with an ordinary tuning-
peg composed of a single piece and adapted
to be employed in stringed, musical instru- 55
ments, a tightening-rod fitted loosely and
passing centrally therethrough, a thumb-nut
secured to one end and a stationary nut fitted
to the threaded opposite end thereof substan-
tially as and for the purpose set forth and 60
shown.

2. In combination with an ordinary tuning-
peg consisting of a single piece and adapted
to be employed in stringed, musical instru- 65
ments, a tightening-rod fitted loosely and
passing centrally therethrough and having a
thumb-nut secured to one end thereof and a
fixed nut fitted to its opposite, threaded end
whereby the peg may be liberated and turned 70
independently of the tightening-rod in tun-
ing, and the peg subsequently locked as and
for the purpose set forth.

3. In combination with an ordinary tuning-
peg consisting of a single piece and adapted
to be employed in stringed, musical instru- 75
ments, a tightening-rod fitted loosely and
passing centrally therethrough, a thumb-nut
secured to one end thereof, and a recessed,
fixed nut fitted to its opposite threaded end
as and for the purpose set forth and shown. 80

In testimony whereof I have signed my
name to this specification, in the presence of
two subscribing witnesses, this 13th day of
February, 1901.

EDWARD MOLLENHAUER.

Witnesses:

R. H. STROTHMANN,
W. W. RICHARDS.