

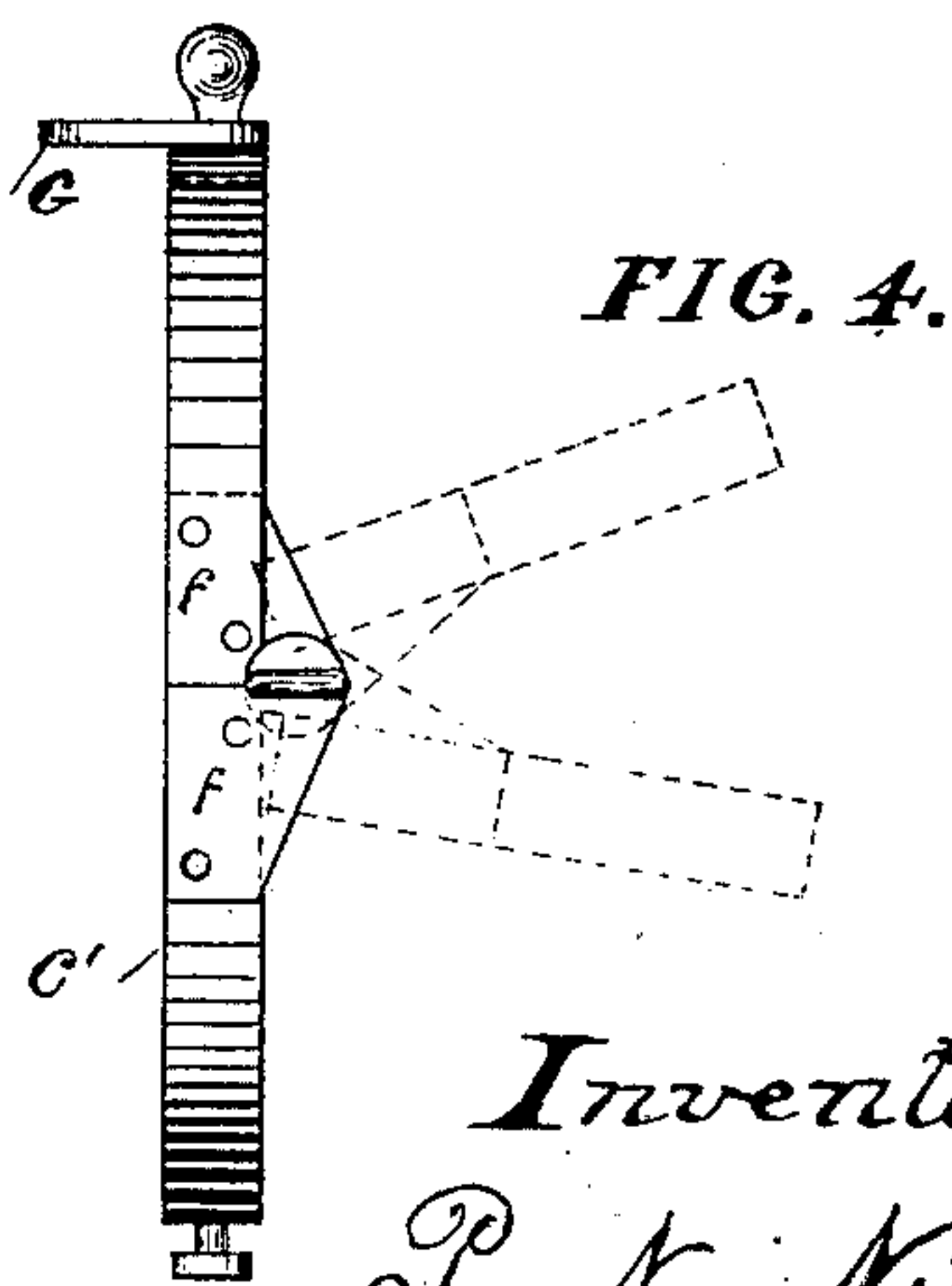
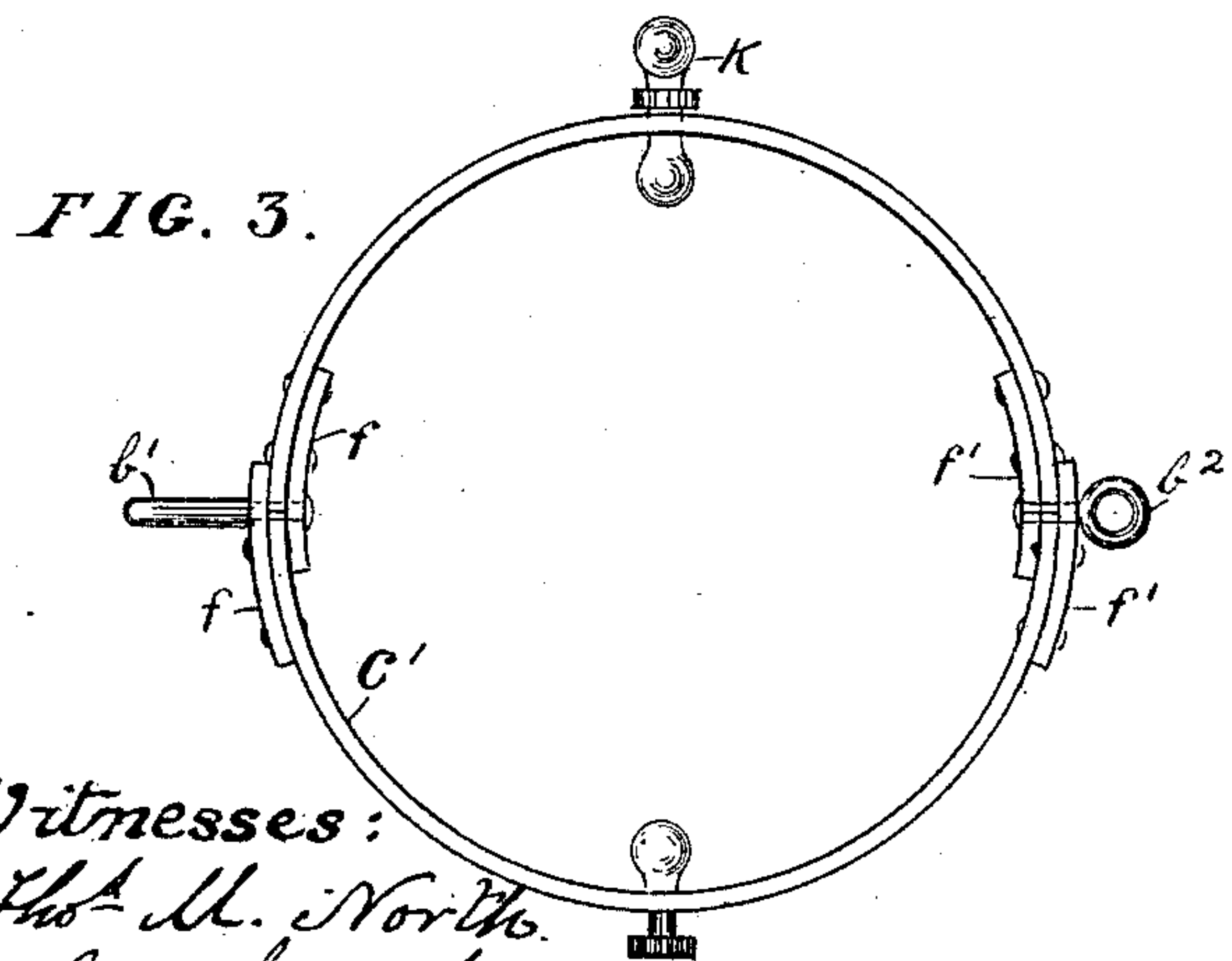
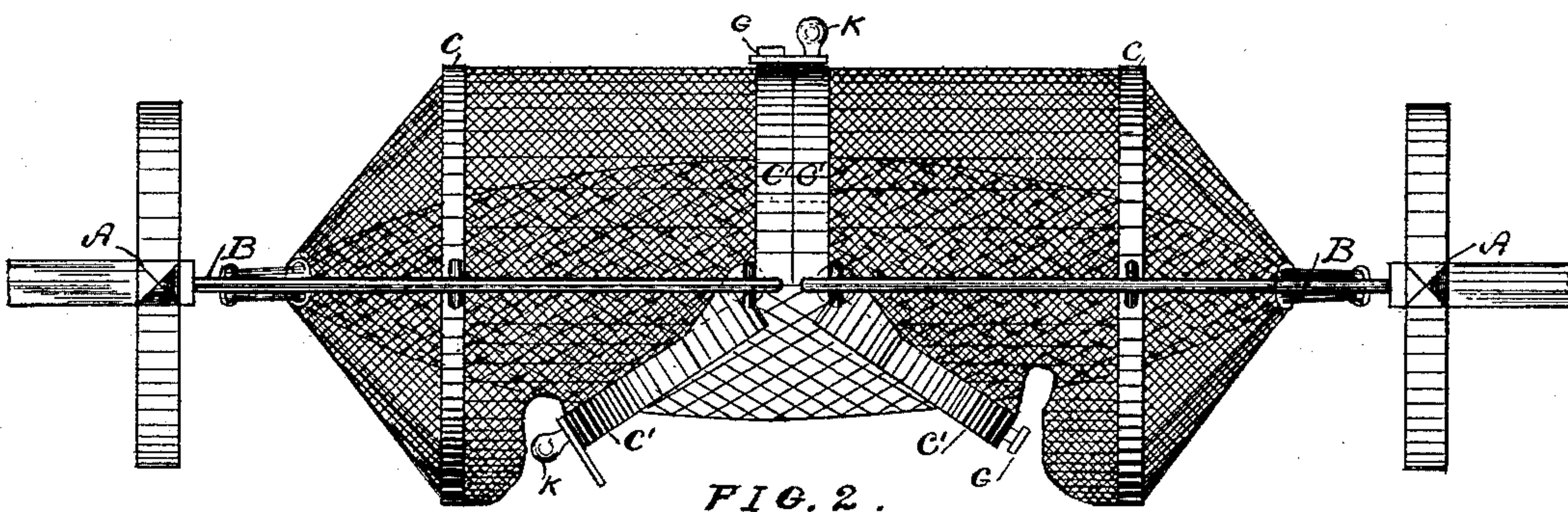
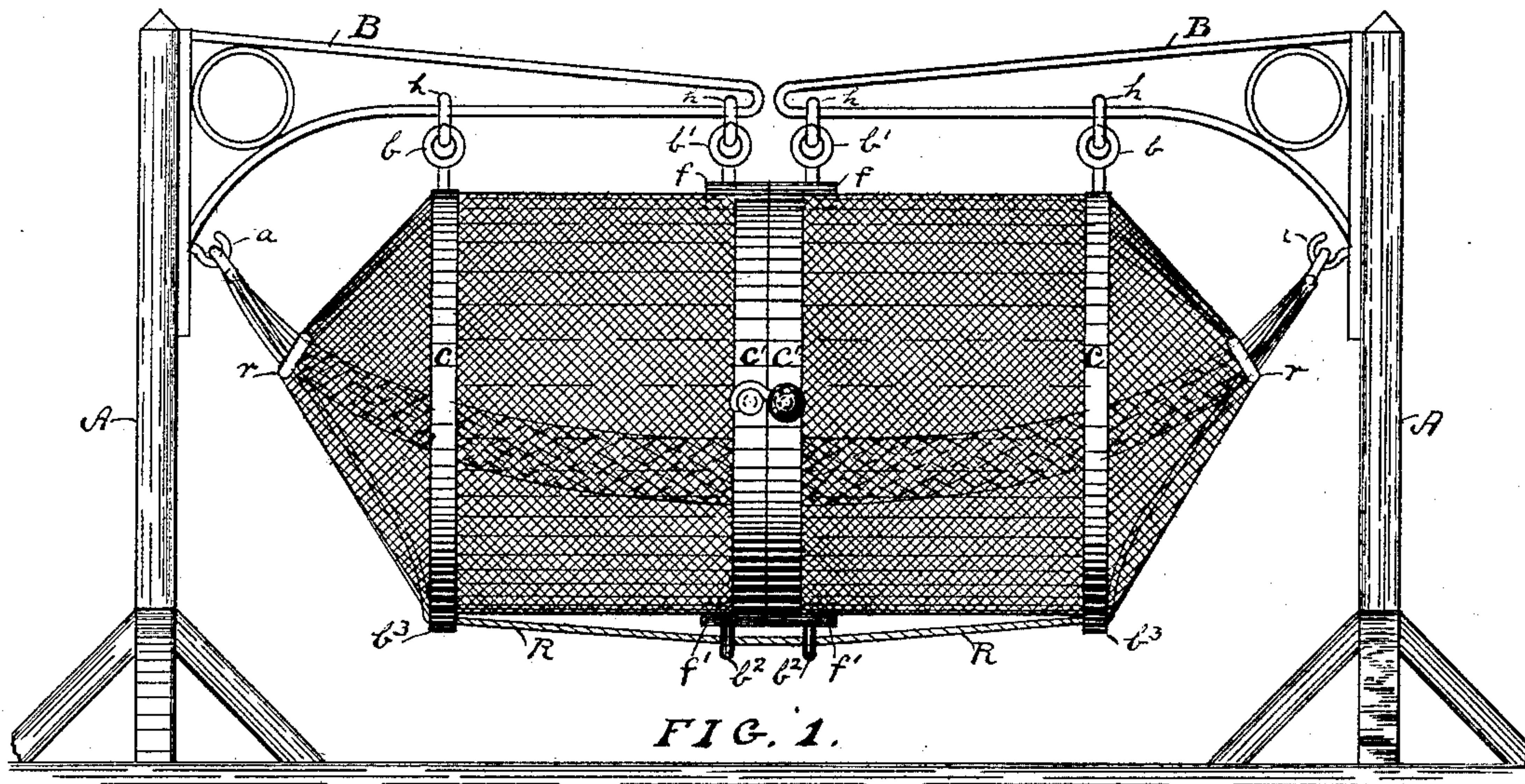
(No Model.)

P. N. NELMES.

MOSQUITO SCREEN ATTACHMENT FOR HAMMOCKS.

No. 348,685.

Patented Sept. 7, 1886.



Witnesses:
J. M. North.
S. J. Weeks.

Inventor.
P. N. Nelmus

UNITED STATES PATENT OFFICE.

PHILIP N. NELMES, OF TAUNTON, MASSACHUSETTS.

MOSQUITO-SCREEN ATTACHMENT FOR HAMMOCKS.

SPECIFICATION forming part of Letters Patent No. 348,685, dated September 7, 1886.

Application filed May 1, 1886. Serial No. 200,897. (No model.)

To all whom it may concern:

Be it known that I, PHILIP N. NELMES, residing at Taunton, in the county of Bristol and State of Massachusetts, have invented certain new and useful Improvements in Mosquito-Screen Attachments for Hammocks, which are fully described and represented in the following specification and the accompanying drawings, forming a part of the same.

10 This invention is an improvement on United States Letters Patent No. 329,763, granted to T. Crawshaw and Philip N. Nelmes, and dated November 3, 1885, in which patent the central frames slide to and fro in a longitudinal
15 direction upon a horizontal wire or bar for the purpose of opening and closing the screen attachment for access to the hammock.

The object of this invention is to provide an improved method for opening and closing the
20 screen for access to the hammock.

In the accompanying drawings, Figure 1 is a view of the improved screen closed over a suspended hammock. Fig. 2 is a plan view of the same, showing the screen opened to admit of access to the hammock. Fig. 3 is an
25 end elevation of one of the central frames. Fig. 4 is a plan view of the same.

Referring to the drawings, A A represent posts for supporting the hammock. Fastened
30 to posts A A are hooks *a a*, from which the hammock is suspended. To the posts A A are secured supporting-arms B B. Depending from the supporting-arms B B, and free to slide upon them, are hooks *h h h h*, which sustain the
35 screen.

C C are end frames, and C' C' central frames, which support and give the desired shape to the screen.

f f are upper hinges, and *f' f'* lower hinges,
40 which join the frames C' C', and upon which they swing.

The frames C' C' can be swung apart on either side of the hammock, as indicated by the dotted lines in Fig. 4, forming doors, which
45 are opened and closed for a convenient means of getting in and out of the hammock.

b b are eyebolts fastened in the upper part of the frames C C, and are connected with the lower part of the two end hooks *h h*.

b' b' are eyebolts, the bolt parts of which are the pins of the hinges *f f* of the frame C' C', and the eye parts of which are connected with the two central hooks *h h*.

b² b² are eyebolts, the bolt parts of which are the pins of the hinges *f' f'* of frames C' C'.
55

R is a rope, the ends of which are secured to the end loops of the hammock.

r r are rubber rings inserted in the end covering of the screen, through which the ends of the hammock pass, the rings gripping firmly
60 around them when in place to exclude flies, mosquitoes, &c. Rope R, passing through rings *r r* and the eye part of the eyebolts *b² b²*, imparts the same swinging motion to the screen that the occupant gives to the hammock.
65

b³ b³ are clamps, which secure the rope R to the frames C C.

The mosquito-netting is secured to the frames C C and C' C' by tacks and gimp or by any
70 other suitable method.

K K represent handles, and G G clasps attached thereto for fastening the frames C' C' together, and can be operated from either the inside or outside of the screen.

When the frames C' C' are brought together
75 and secured by the clasps G G, a complete enveloping-screen is formed, entirely surrounding the hammock and protecting the occupant from mosquitoes, flies, &c.

If at any time the screen is not required, the
80 frames C C can be slid along to the ends of the hammock.

I do not confine myself in the construction of the frames C C and C' C' to the circular shape, as herein shown, as it is obvious that a
85 polygonal form would answer the same purpose.

Having thus described my invention, what I claim is—

1. The combination, with a hammock, of a
90 mosquito-screen entirely surrounding the same, having frames, as C' C', and hinged top and bottom, substantially as and for the purpose set forth.

2. In a hammock provided with a mosquito-
95 screen attachment entirely surrounding the same, consisting of frames, as C C, eyebolts, as *b b b' b' b² b²*, a guide-rope, as R, passing

through rings, as r r , and clamps, as b^3 b^3 , fast-
ened to the under side of the frames C C, the
combination of frames, as C' C', each made
in two parts joined by and swinging upon
5 hinges, as f f' f' , and provided with clasps,
as G G, attached to handles, as K K, substan-
tially as described, and for the purposes set
forth.

In testimony whereof I affix my signature in
the presence of two witnesses.

PHILIP N. NELMES.

Witnesses:

E. D. GODFREY,
L. C. COUCH.