

(No Model.)

H. S. HACK.

CALENDAR OR MEMORANDUM ROLL.

No. 388,411.

Patented Aug. 28, 1888.

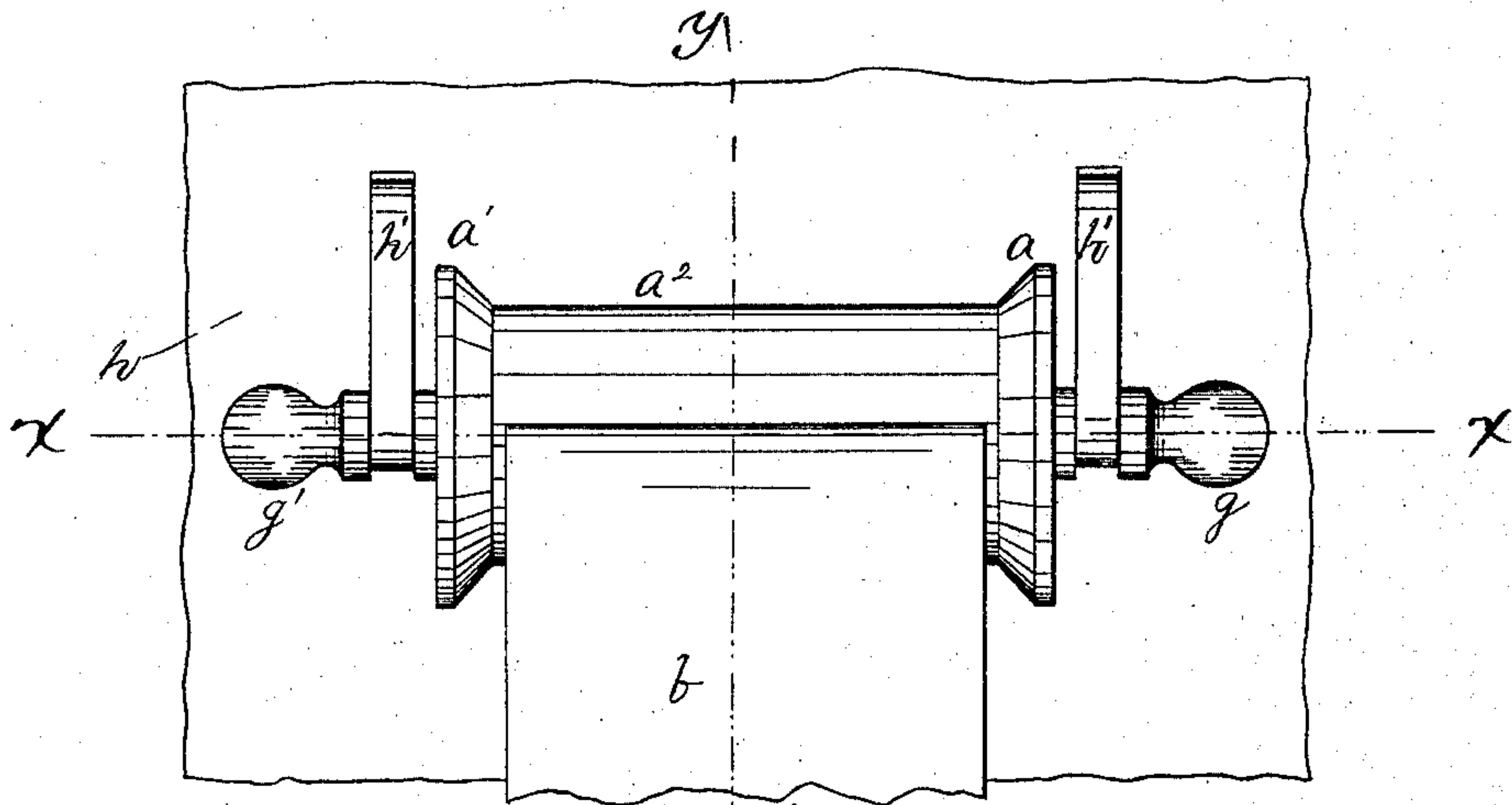


Fig. 1.

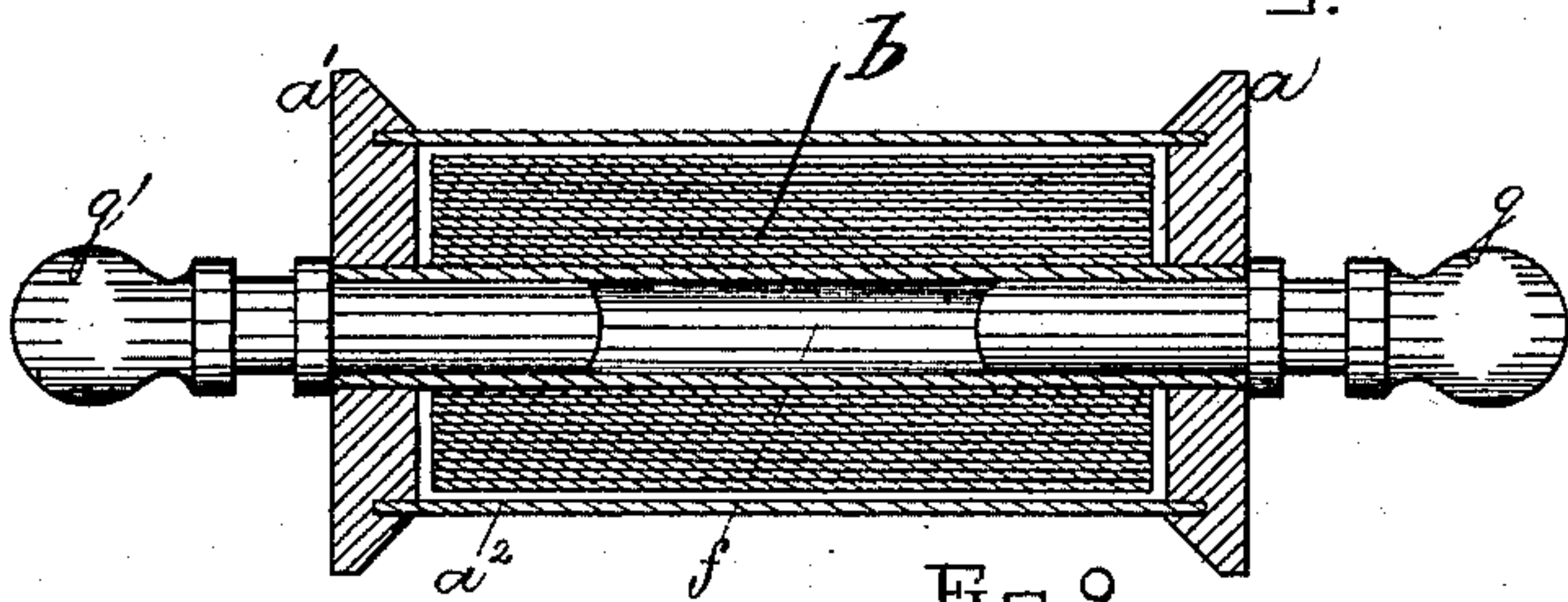


Fig. 2.

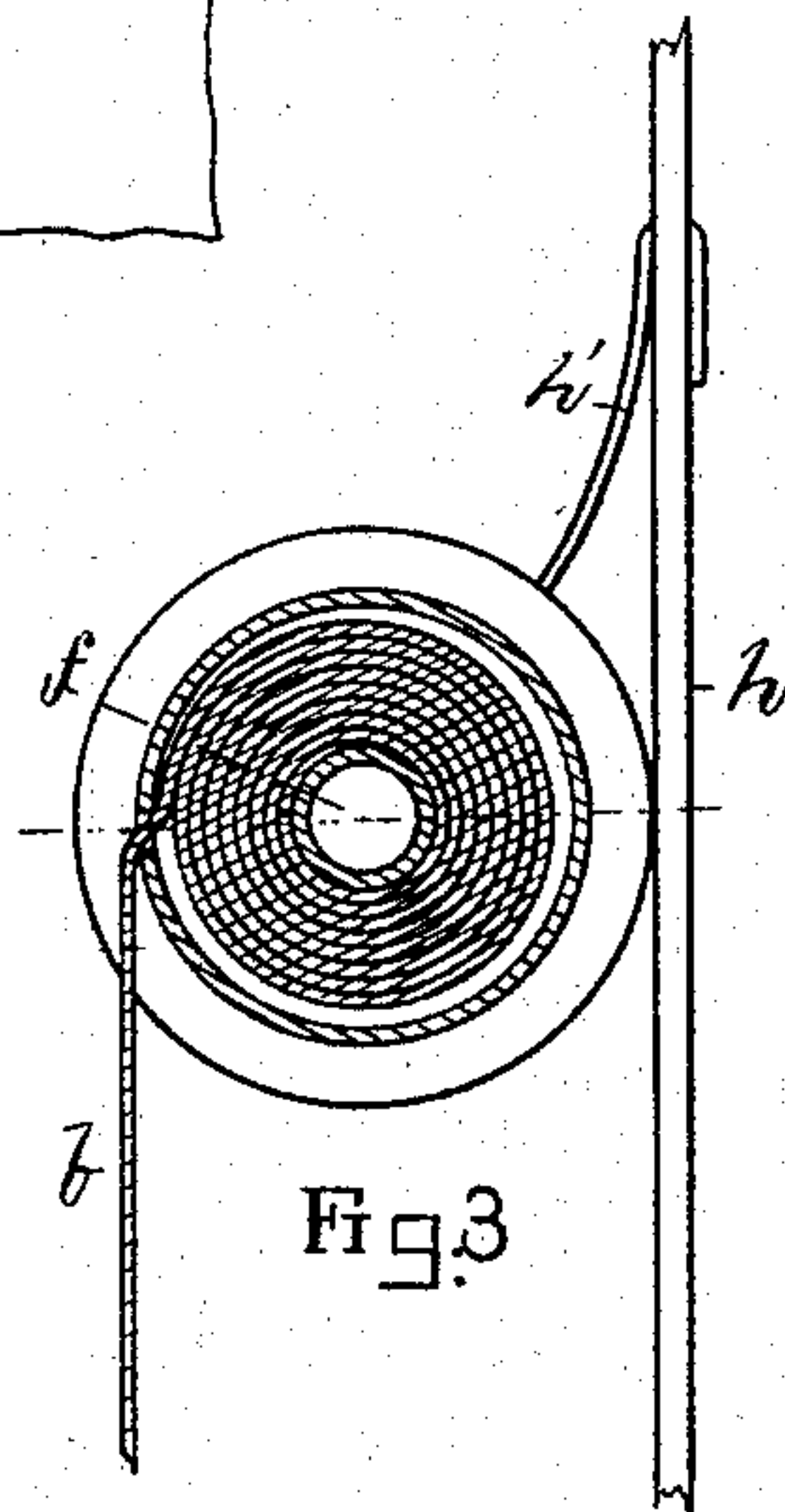


Fig. 3.

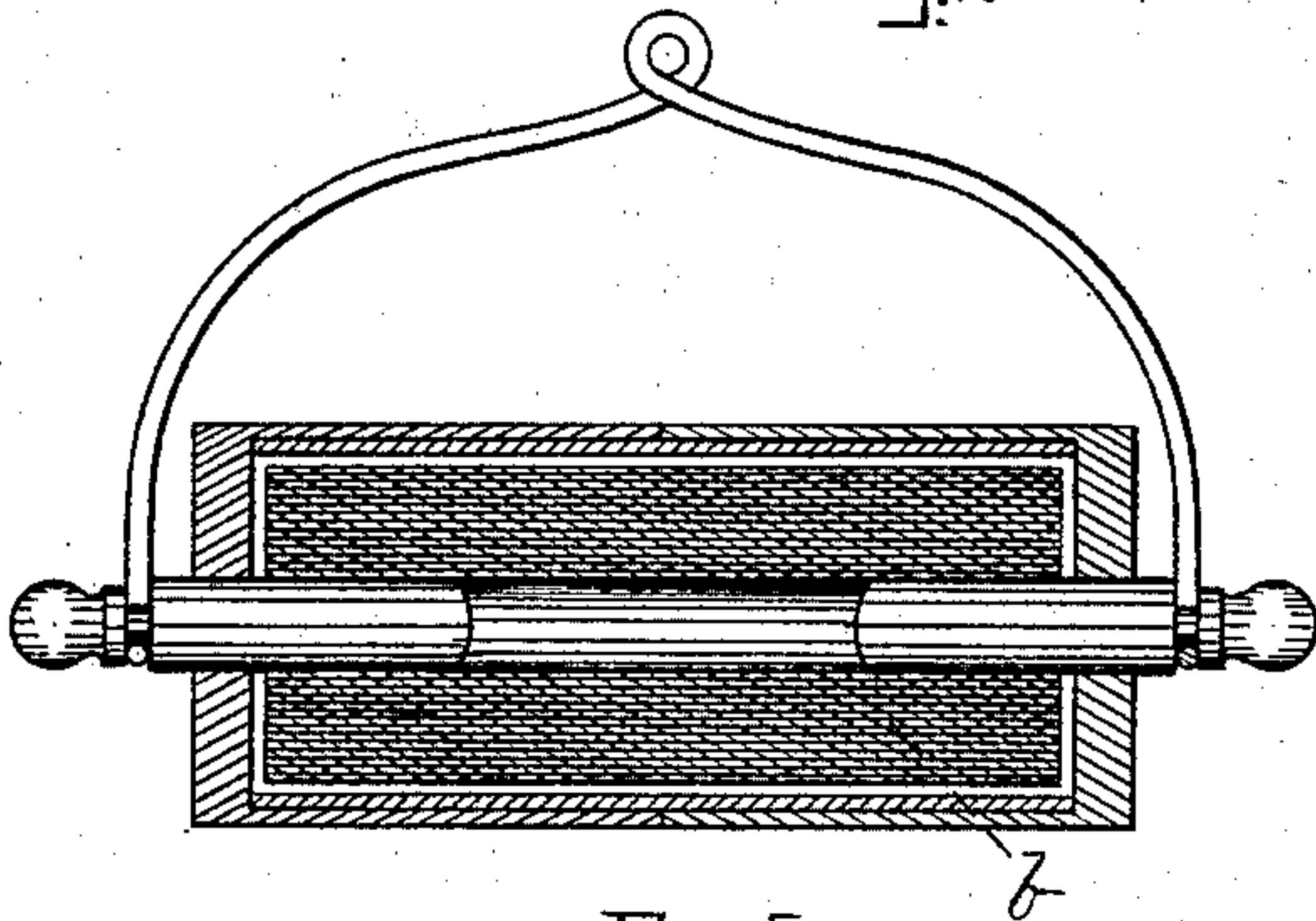


Fig. 5.

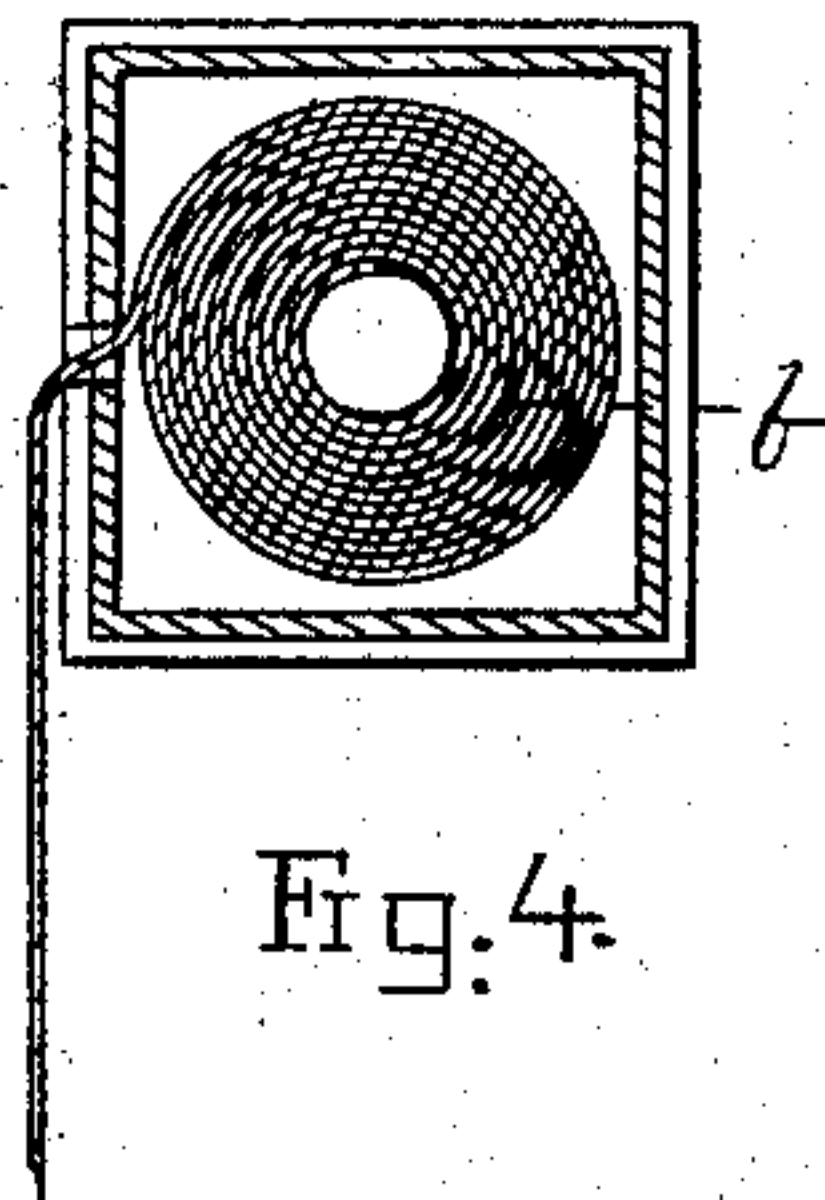


Fig. 4.

Witnesses.

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UNITED STATES PATENT OFFICE.

HENRY S. HACK, OF TAUNTON, MASSACHUSETTS, ASSIGNOR, BY MESNE ASSIGNMENTS, TO EMILY F. HACK, OF SAME PLACE.

CALENDAR OR MEMORANDUM ROLL.

SPECIFICATION forming part of Letters Patent No. 388,411, dated August 28, 1888.

Application filed February 21, 1883. Serial No. 85,823. (No model.)

To all whom it may concern:

Be it known that I, HENRY S. HACK, of Taunton, in the county of Bristol and State of Massachusetts, have invented a new and useful Calendar or Memorandum Roll, of which the following is a specification, reference being had to the accompanying drawings, making a part hereof.

In the drawings, Figure 1 is an elevation of my device. Fig. 2 is a section on line xx of Fig. 1. Fig. 3 is a section on line yy of Fig. 1. Fig. 4 is a cross-section, and Fig. 5 a lengthwise section, of a different style of my device from that shown in the other figures.

My invention consists in the combination of two end or cap pieces with a roll of paper or like material by means of a hollow spindle and two finger-pieces, as below described, the whole forming a simple and compact device and serving for a calendar, diary, memorandum, or advertising strip, and other like purposes.

That style of my device shown in Figs. 1, 2, and 3 is formed in imitation of a spool of cotton, and the strip is a strip of paper having a monthly calendar and advertisements printed upon it. The two end pieces, $a a'$, each having a hole through it, are connected together by the tube a^2 to imitate a spool of cotton. The strip b is wound up into a roll over a hollow spindle, f . The finger-pieces $g g'$, which form the spindle ends, pass through the holes in the end pieces, $a a'$, into the hollow spindle f , as shown in the drawings. These finger-pieces $g g'$ of the spindle are inserted after the end pieces, $a a'$, are in place. In practice I use glue to unite the finger pieces with the spindle.

The main feature of novelty in my invention is the combination of the end pieces, $a a'$, each with a hole in it, with the roll b , its hollow spindle f , and the finger-pieces $g g'$.

It will be clear that the holder may be of various shapes to suit the taste or the special advertising purpose, and the connection-tube a^2 , between the end pieces, $a a'$, may be largely varied in style, or even omitted in some cases.

In Figs. 4 and 5 the holder is square in cross-section.

The finger-pieces $g g'$ can be readily connected with a card-board backing, h , as shown in Figs. 1 and 3, using two metal devices, h' , each formed with an eye to receive the finger-pieces and with a hook to secure it to the card-board. This is a second feature of my invention; but, as will be clear, the holder itself may be connected with the card-board backing by gluing or by metallic fastenings, and yet embody the main feature of my invention—viz., the end pieces, $a a'$, in combination with the rolled strip, hollow spindle, and finger-pieces, which is a complete device in itself, without means for connecting it to a backing or suspending it, and which can be readily suspended by a wire or ribbon, as illustrated in Fig. 5.

In practice I have found it preferable to use a tube of paper for the hollow spindle and to connect one end of the strip b to it; but it will be clear that the inner end of the roll b may be coiled into a tube, as indicated in Figs. 4 and 5.

I am aware that it is common to combine a roll of paper with end pieces by means of a single spindle whose ends project from the paper roll and through the end pieces, and this I disclaim.

What I claim as my invention is—

1. In combination, the end pieces, $a a'$, each having a hole through it, the roll b , with its hollow spindle f , and the two finger-pieces $g g'$, each extending through one of the end pieces and into but only partly through the hollow spindle f , as and for the purpose specified.

2. In combination, the backing h , the metal devices h' , and pieces $a a'$, roll b , with its hollow spindle f , and the two finger-pieces $g g'$, extending each through one of the metal devices h' and one of the end pieces, $a a'$, and into but only partially through the hollow spindle f , as and for the purpose specified.

HENRY S. HACK.

Witnesses:

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J. E. MAYNADIER.