

No. 881,887.

PATENTED MAR. 17, 1908.

O. T. ANDERSON & F. A. JOHNSON.

MARKING GAGE.

APPLICATION FILED JAN. 29, 1907.

2 SHEETS—SHEET 1.

Fig. 1.

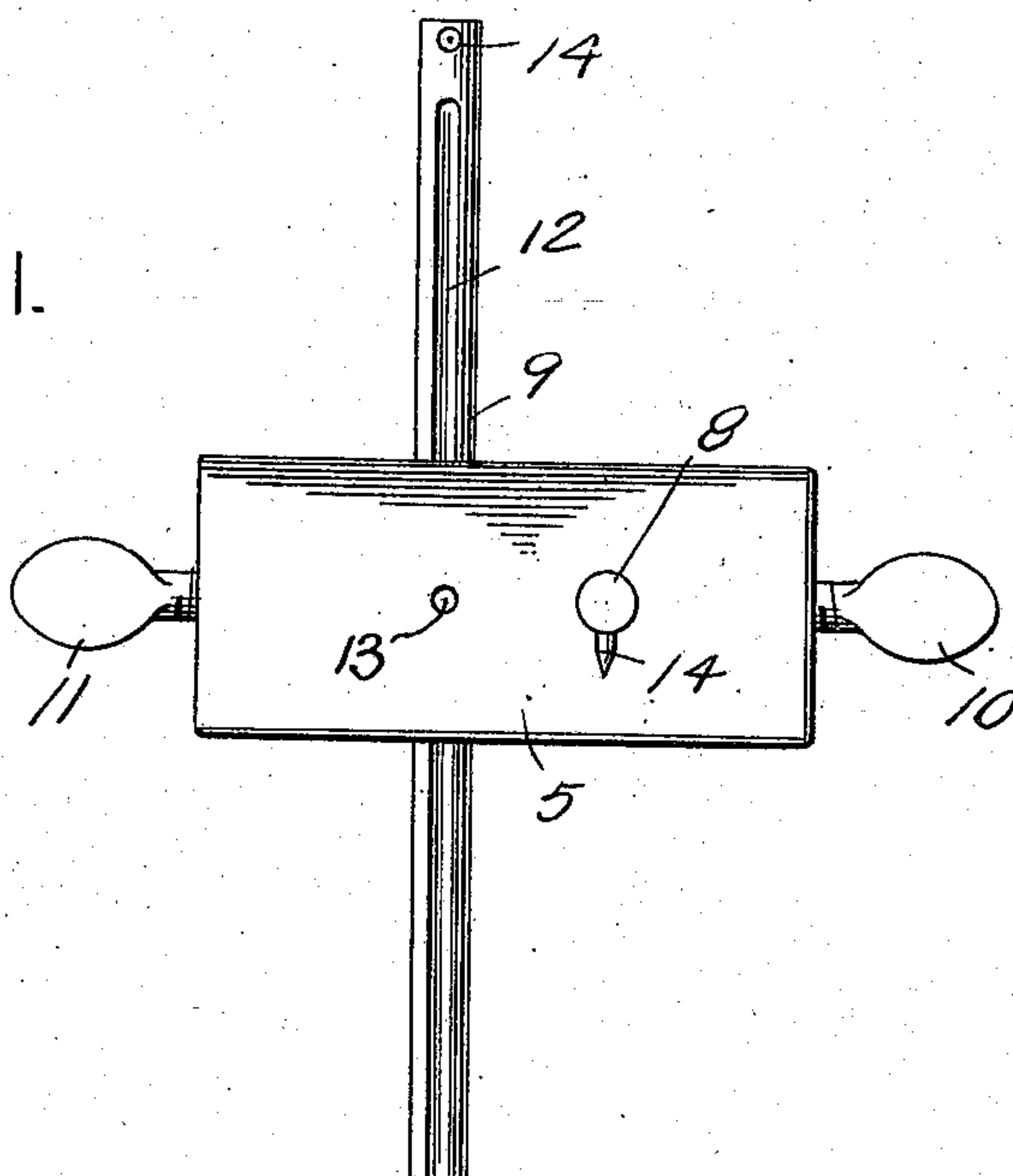
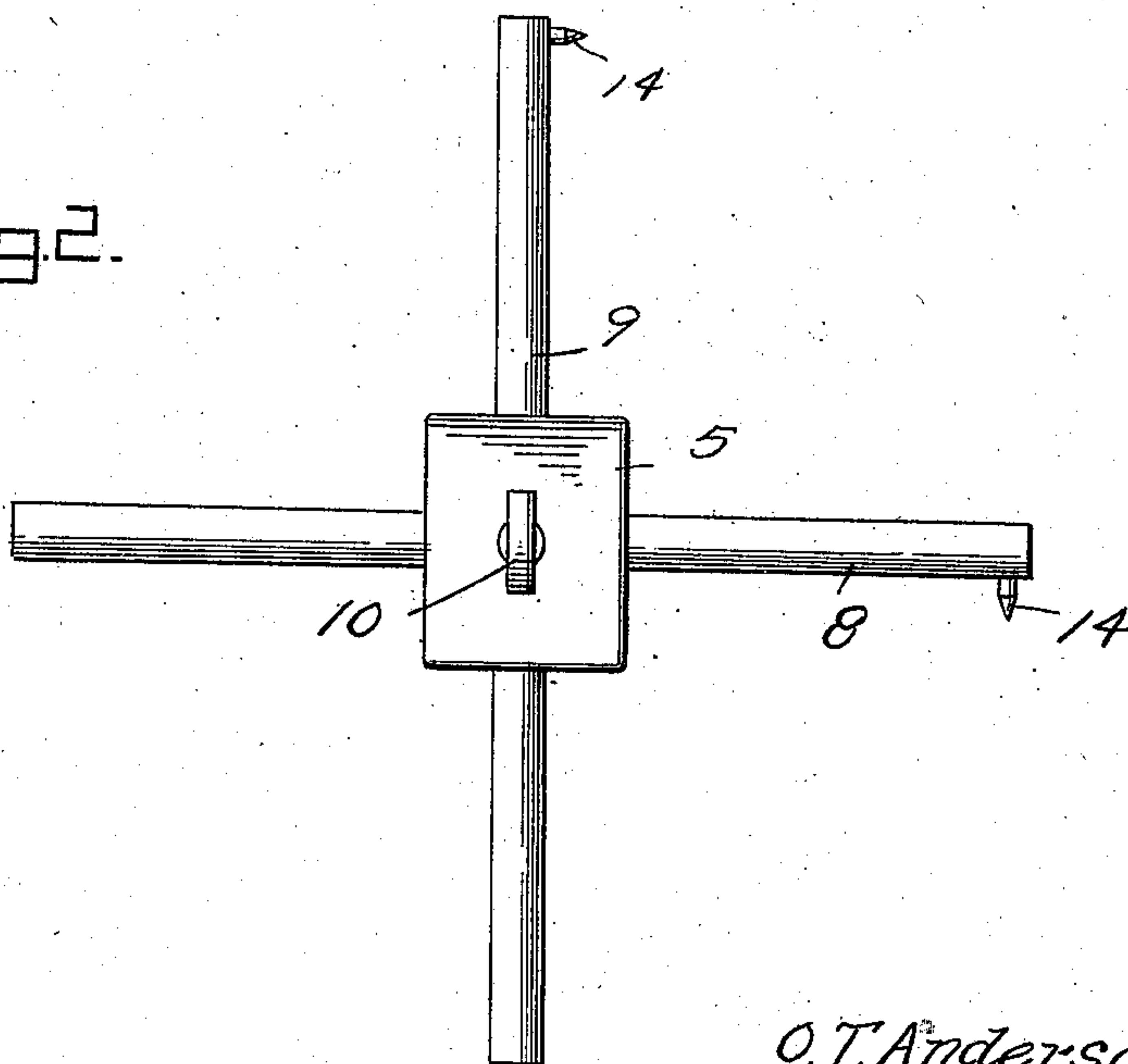


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 3.

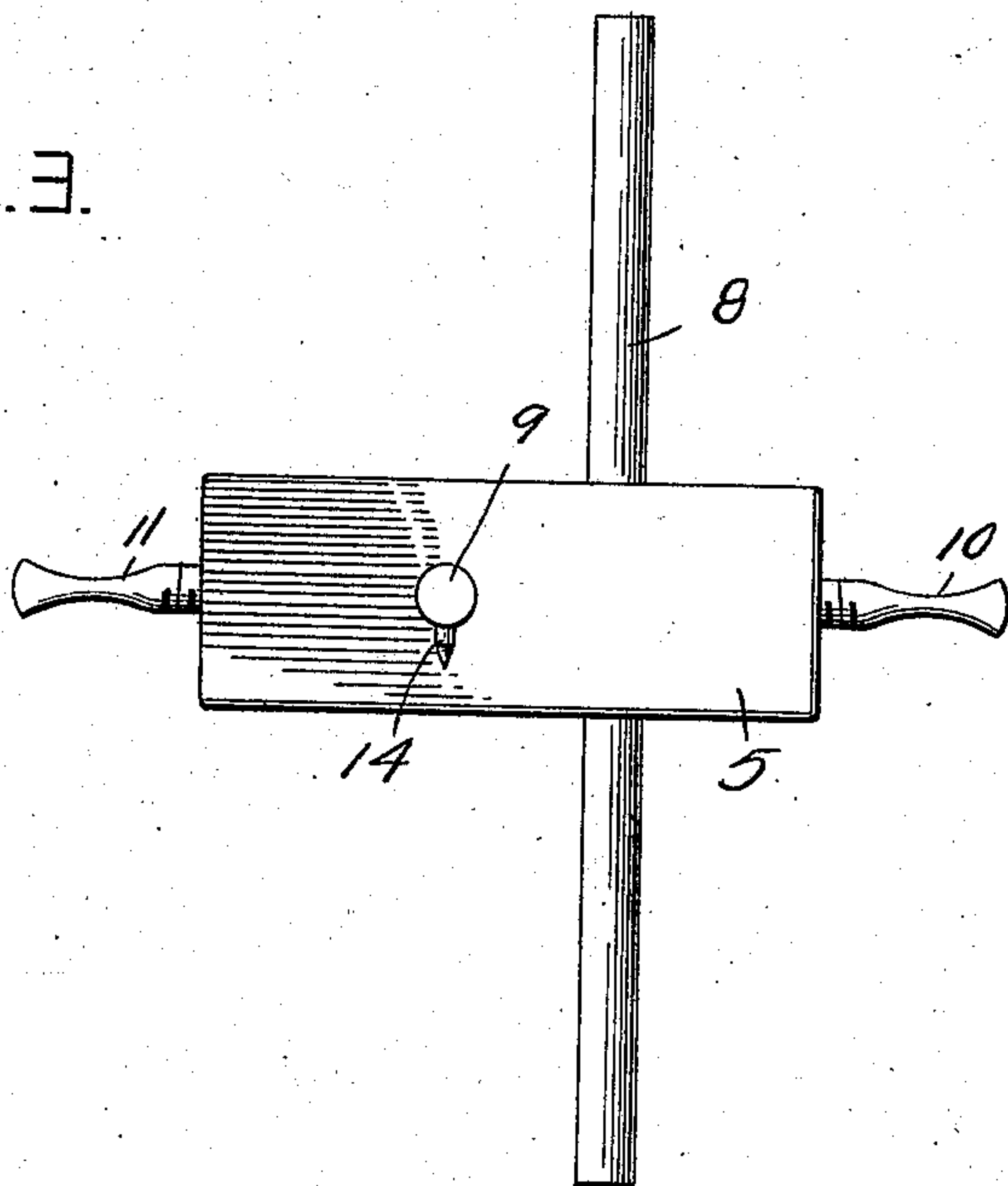
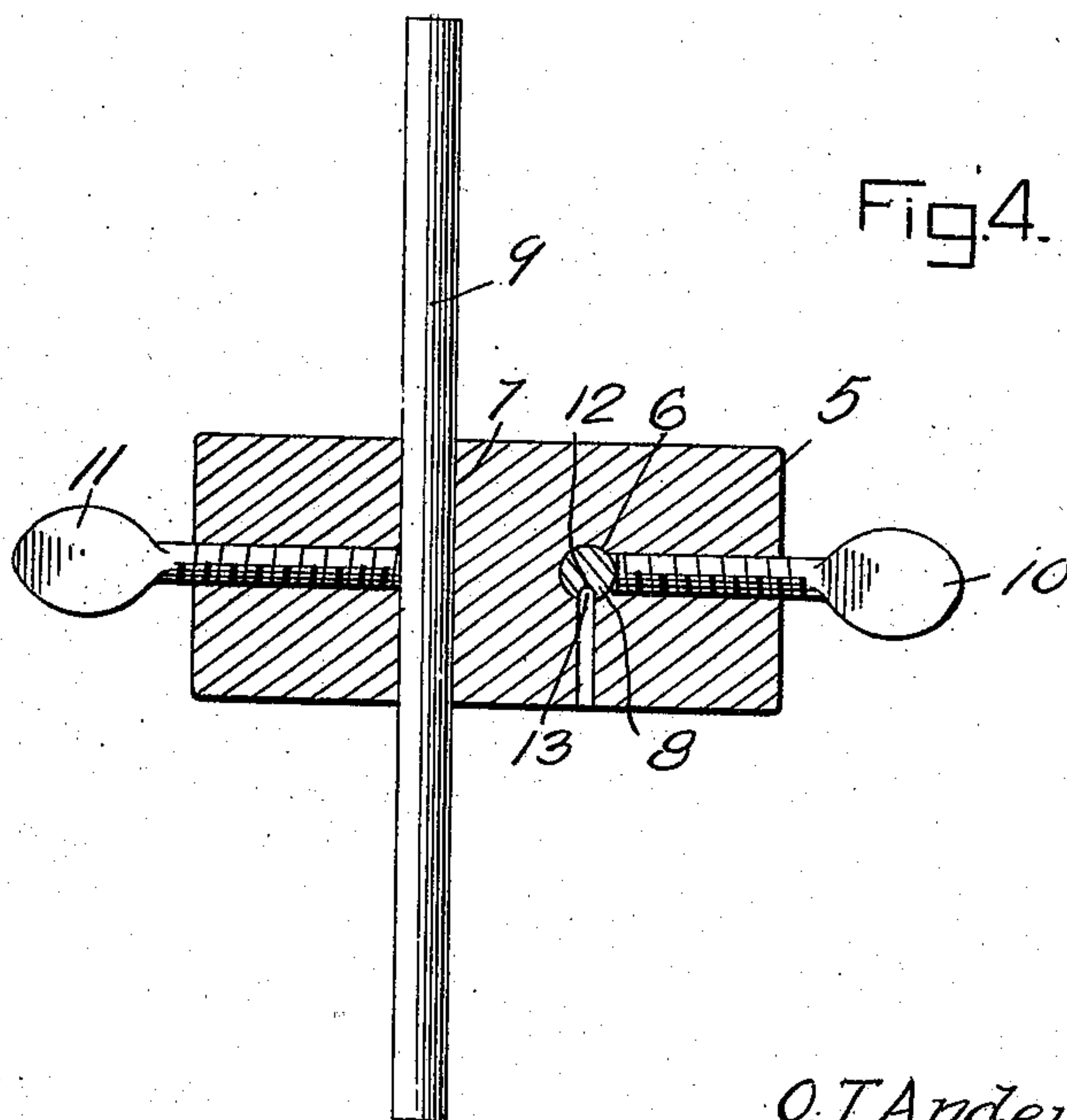


Fig. 4.



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OSCAR T. ANDERSON AND FRANK A. JOHNSON, OF CHICAGO, ILLINOIS.

MARKING-GAGE.

No. 881,887.

Specification of Letters Patent.

Patented March 17, 1908.

Application filed January 29, 1907. Serial No. 354,647.

To all whom it may concern:

Be it known that we, OSCAR T. ANDERSON, a subject of King of Sweden, and FRANK A. JOHNSON, a citizen of the United States, residing at Chicago, in the county of Cook, State of Illinois, have invented certain new and useful Improvements in Marking-Gages; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to marking gages and more particularly to that class designed for use in applying hinges to doors and door frames and the primary object of the invention is to provide a very simple device of this character and one which will be adapted to be adjusted to indicate both the length and the depth of the hinge and without the necessity of changing one adjustment while the other is in use.

Broadly stated the device comprises a block which is provided with right angularly extending bores in which are adjustably engaged stems carrying scribes. In order that a pin scribe may be used a groove is formed in each stem longitudinally thereof and a pin which is engaged through the block and projects in the bore in which the stem is engaged, extends into the groove and prevents turning of the stem in the bore. Set screws are provided for holding the stems at different adjustments.

In the accompanying drawings, Figure 1 is a view of one side of the gage, Fig. 2 is an edge view thereof, Fig. 3 is a top plan view, and, Fig. 4 is a detail vertical transverse sectional view therethrough.

Referring more specifically to the drawings the gage is shown as comprising a block 5 which is provided with bores 6 and 7 which extend at right angles to each other and in which are adjustably engaged stems 8 and 9 respectively, the said stems being held in adjusted positions in the bores by means of set screws 10 and 11 respectively, the set screw 10 being engaged through one end of the block 5 and the set screw 11 through the other end, it being understood that the stems 8 and 9 extend through the block from edge to edge and from side to side respectively.

A groove 12 is formed in each of the stems

8 and 9 and a pin 13 which is engaged through the block, projects into each bore and into the groove in the stems to prevent the stems turning in the bores. This pin and groove construction permits of the use of point scribes which are indicated by the numeral 14 and are carried one at one of the ends of each stem and are removable so that they can be replaced when broken or dulled.

To prevent the pins engaging the block at any time and thereby render them dull or knock them out of alinement, the grooves in the stem are terminated short of the pin scribes and hence the stems are limited in their movement in one direction.

From the foregoing description of my invention it will be observed that each of the stems may be adjusted independently and that when so adjusted, the gage will be adaptable for use to mark both the width and thickness of the hinge upon a door and its frame without one marking device interfering with the other.

What is claimed is—

1. A gage of the class described comprising a block having bores formed therein said bores being extended at right angles to each other, stems engaged in the bores, set screws for holding the stems at various adjustments, said stems being grooved longitudinally, pins carried by the block and projecting into the bores and into the grooves, and scribes carried by the stems.

2. A gage of the class described comprising a block having bores formed therein said bores being extended at right angles to each other, stems engaged in the bores, said stems being grooved longitudinally, said grooves opening through one end of each stem and being terminated short of the other end of the stem, pins carried by the block and projecting into the bores and into the grooves, set screws for holding the stems at various adjustments in the bores, and scribe points carried by the stems beyond the closed end of the grooves.

In testimony whereof, we affix our signatures, in presence of two witnesses.

OSCAR T. ANDERSON.
FRANK A. JOHNSON.

Witnesses:

C. W. EWERT,
GUST OLSON.