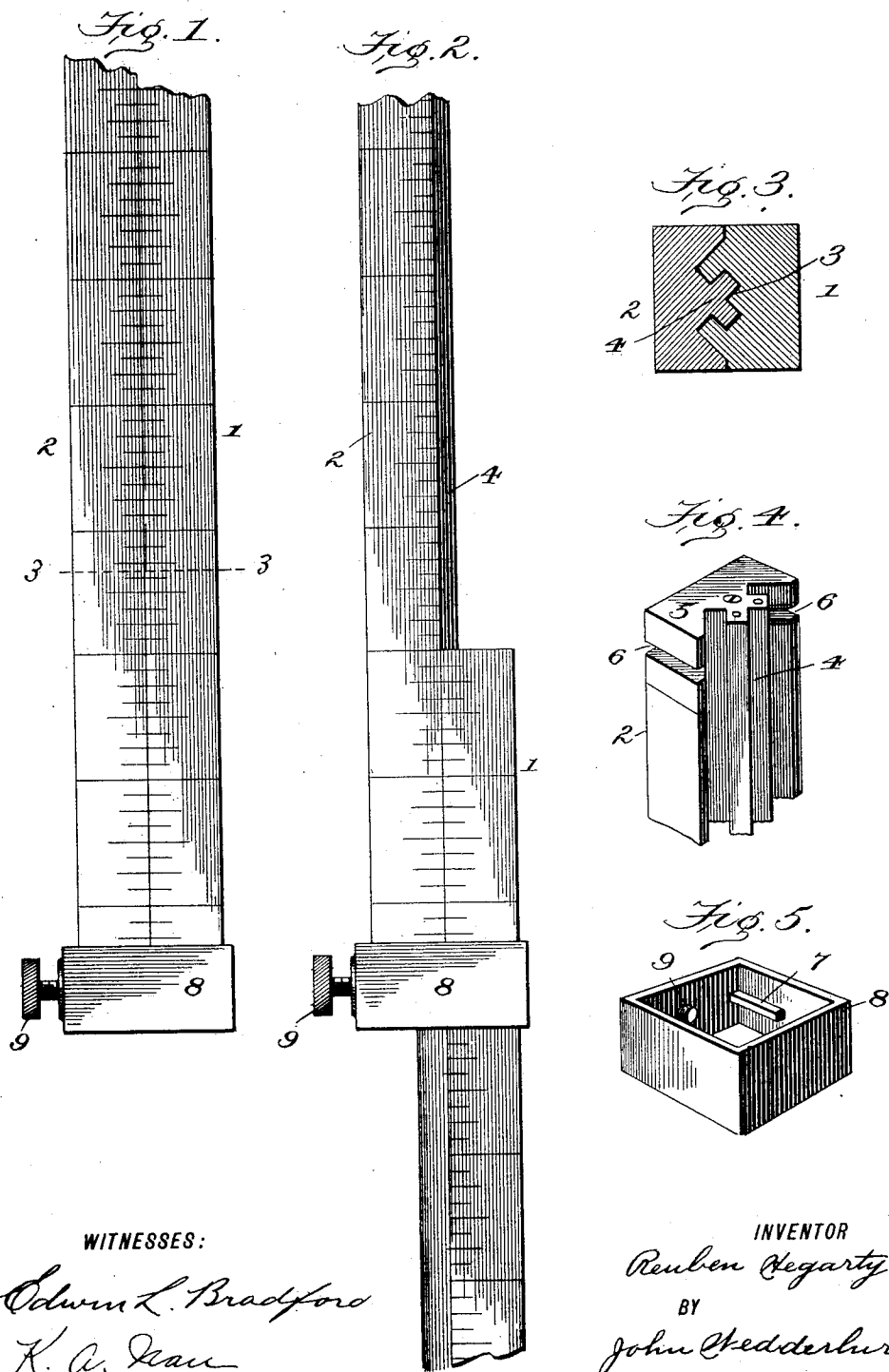


(No Model.)

R. HEGARTY.
MEASURING POLE.

No. 571,366.

Patented Nov. 17, 1896.



UNITED STATES PATENT OFFICE.

REUBEN HEGARTY, OF MADERA, PENNSYLVANIA.

MEASURING-POLE.

SPECIFICATION forming part of Letters Patent No. 571,366, dated November 17, 1896.

Application filed May 23, 1896. Serial No. 592,848. (No model.)

To all whom it may concern:

Be it known that I, REUBEN HEGARTY, a citizen of the United States, residing at Madera, in the county of Clearfield and State of Pennsylvania, have invented certain new and useful Improvements in Measuring-Poles; and I 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.

My invention relates to improvements in measuring-poles, the object of the same being to provide a device of this kind which may be extended to any length desired and the two parts of which may be securely clamped together.

The invention is particularly designed for use by engineers and carpenters, who frequently desire to extend the length of an ordinary measuring-pole.

The invention consists of a measuring-pole made up of two parts, one of which is formed with a groove made by angularly-arranged cuts and the other with a tongue having flaring wings, said tongue adapted to fit in said groove and forming a sliding connection between said parts, in which lateral movement is prevented, a wear-plate upon the upper end of one of said parts having lateral slits on each side, a clamping-collar fitting around the parts of said pole having a web on its inner surface which fits said slits, and a thumb-screw in said collar whose inner end is adapted to bear against said wear-plate.

In the drawings forming part of this specification, Figure 1 represents a side elevation of my improved extension-rod, the parts thereof being shown in closed position. Fig. 2 is a similar view showing the parts in their open or extended position. Fig. 3 is a cross-section through the pole on the line 3 3, Fig. 1. Fig. 4 is a detail perspective view of the end of one of the rods, showing the wear-plate thereon. Fig. 5 is a similar detail view of the clamping-collar.

Like reference-numerals indicate like parts in the different views.

As stated, my pole is made up of two pieces 1 2, the piece 1 being grooved longitudinally of its length, as shown at 3, and the groove

preferably made by angularly-arranged cuts. The piece 2 is formed with a corresponding tongue 4, which is adapted to fit the grooves 3, as shown. By reason of the angularly-arranged cuts forming the groove 3 and the flaring wings of the tongue 4 the two parts 1 2 of my pole are held from all lateral movement. The upper end of the piece 2 of which my pole is composed is covered by a wear-plate 5, which is formed with slits 6 6 on each side thereof. Fitting the slits 6 6 are webs 7 on the inner surface of a collar 8, having a set-screw 9 therein, the said collar being adapted to surround both parts 1 2 of my pole and lock them in any position to which they may be adjusted.

From the foregoing description it will be readily seen that I have provided a simple and convenient extensible pole, the parts of which may be adjusted at any desired position relative to one another, whereby the collar 8 is prevented from moving longitudinally on the pole and whereby the part 2 of the pole is prevented from injury from the screw 9 by reason of the wear-plate 5.

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

An extensible measuring-pole made up of two parts, one of which is formed with a groove made by angularly-arranged cuts and the other with a tongue having flaring wings, the said tongue adapted to fit said groove and forming a sliding connection between said parts in which lateral movement is prevented, a wear-plate upon the upper end of one of said parts having lateral slits on each side, a clamping-collar fitting around the parts of said pole, having a web on its inner surface which fits the said slits and a thumb-screw in said collar, whose inner end is adapted to bear against said wear-plate, substantially as and for the purpose described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

REUBEN HEGARTY.

Witnesses:

J. J. JOHNSTON,
A. J. CORNELLY.