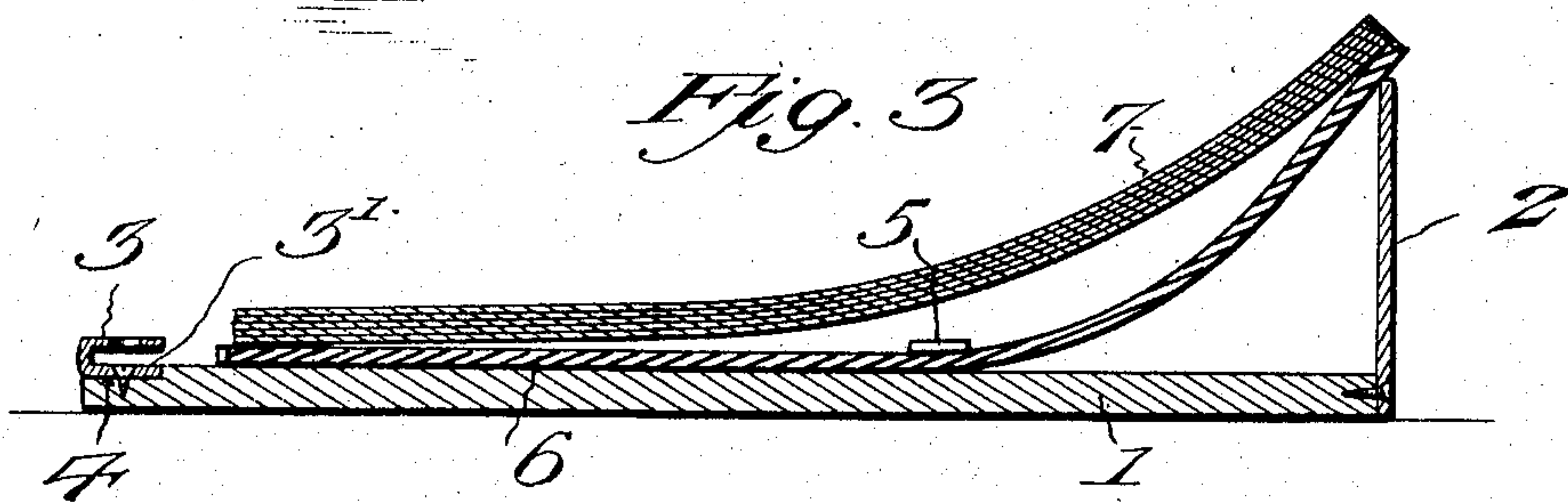
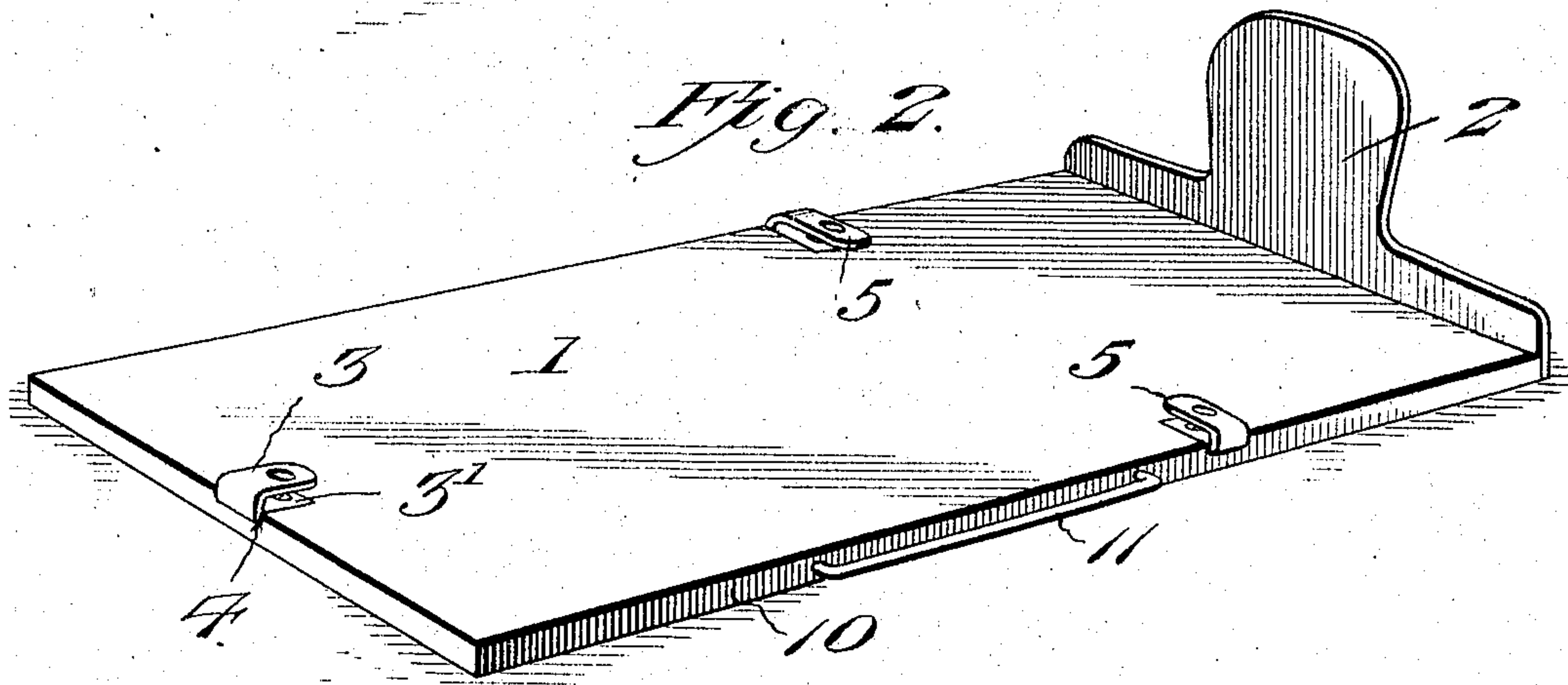
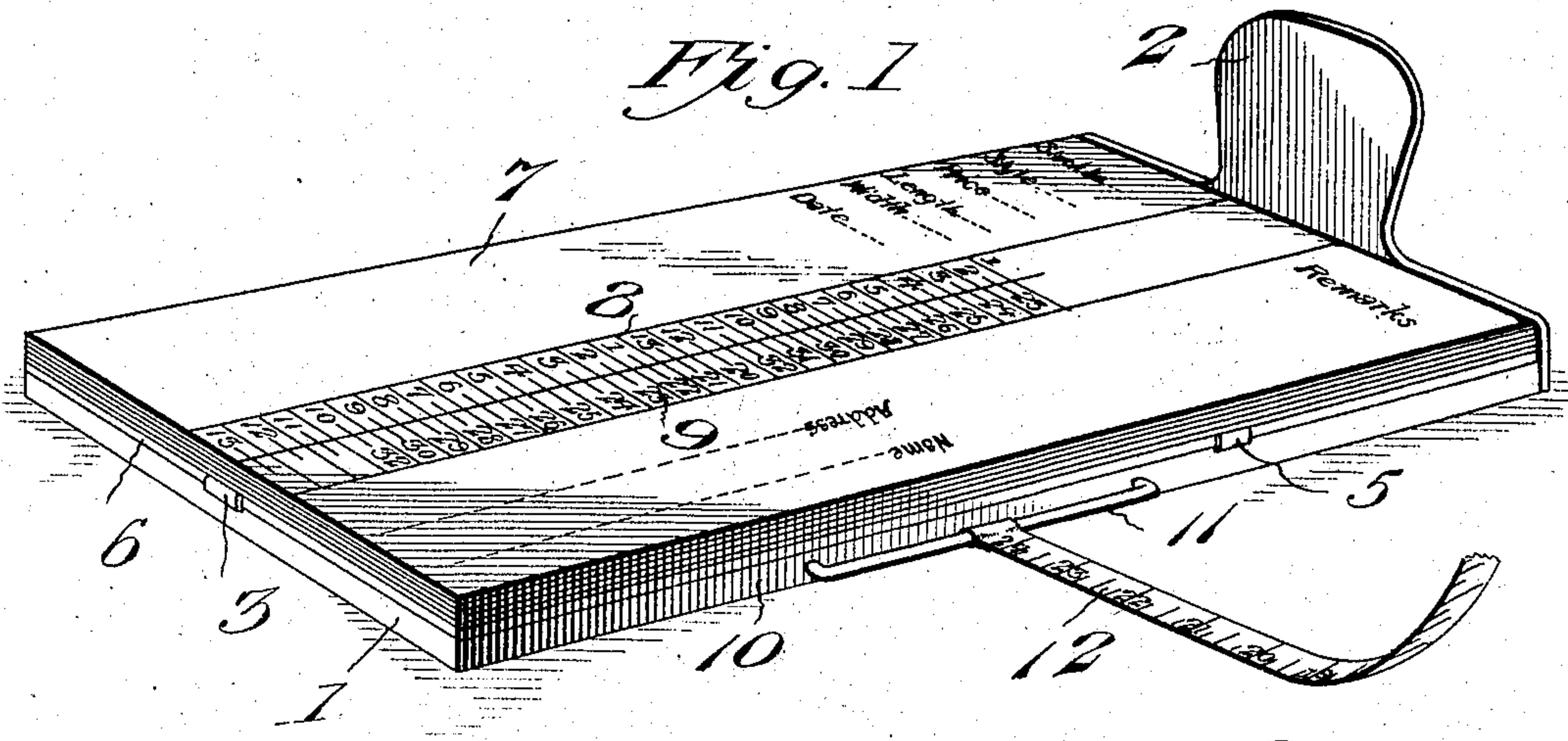


No. 791,469.

PATENTED JUNE 6, 1905.

R. D. HUNT.
MEASURING INSTRUMENT.
APPLICATION FILED OCT. 18, 1904.



Witnesses

Wm. North
E. A. Babcock

Inventor

Ralph Day Hunt;

By

William London.

Attorney

UNITED STATES PATENT OFFICE.

RALPH DAY HUNT, OF FAIRFIELD, IOWA.

MEASURING INSTRUMENT.

SPECIFICATION forming part of Letters Patent No. 791,469, dated June 6, 1905.

Application filed October 18, 1904. Serial No. 228,916.

To all whom it may concern:

Be it known that I, RALPH DAY HUNT, a citizen of the United States of America, residing at Fairfield, in the county of Jefferson and State of Iowa, have invented certain new and useful Improvements in Measuring Instruments, of which the following is a specification.

This invention relates to measuring instruments, and more particularly to that class of devices thereunder employed in the measuring of the human foot for fitting boots or shoes therefor.

An object of the invention is to provide novel means in a device of this character in which a pad of cards or sheets may be removably applied to the base of the instrument, said cards or sheets being so united one to the other as to be successively detached.

It is a further object of the invention to so secure means to the base of the device that the measure of the ball or instep of the feet of varying sizes may be conveniently and easily taken.

Another object of the invention is to provide a measuring instrument and a diagram to be used in combination, by means of which an accurate measurement of the foot may be obtained and recorded.

Still further, it is the object of the invention to produce a device of this character that will be simple in construction, efficient in practice, and economical to manufacture.

With the above and other objects in view the invention consists in the details of construction and in the arrangement and combination of parts to be hereinafter more fully described and claimed.

In describing the invention in detail reference will be had to the accompanying drawings, forming part of this specification, wherein like reference characters will denote corresponding parts in the several views, and in which—

Figure 1 is a perspective view of the invention ready to be put in use. Fig. 2 is a perspective of the invention with the pad and tape-measure removed. Fig. 3 is a longitudinal section of the invention, the pad being shown as only partly in position.

In the drawings, 1 indicates a base of suitable form, but preferably rectangular. Se-

cured to one end of the base is an upright heel-piece 2. To the opposite end of the base and centrally thereof is attached a clip 3. This clip is approximately U-shaped in section and rests in a depression 4 in the upper surface of the base and has its lower member 3' flush therewith. On both sides of the base are diametrically-opposed clips 5, similar to the clip 3 and applied to the base in a like manner. These clips 5 are secured at points intermediate the length of the base, but slightly nearer the heel end of the base than the opposite end. The clips 3 and 5 extend inwardly of the base. These clips 3 and 5 are adapted to engage and hold a base-piece 6 of tablet or pad composed of a series of leaves 7, said leaves being so united one to the other as to be successively removed, as in a pad of ordinary construction. This base is insertible within the clips from the heel end only and when in its applied position is positively confined therein in view of the location of the clips in combination with the heel-piece.

Each of the leaves 7 is provided centrally with the double row of scales 8 and 9, said scales being the different forms of foot measurements in general use and will be understood by those familiar with the art. In one corner of the leaf is presented a place for the name and address of a person whose foot is being measured. In another corner is furnished space for any suitable remarks, and in a third corner is provided means for recording common data.

Centrally of the longitudinal edge 10 of the base is attached the elongated staple 11, to which is movably secured an end of a tape-measure 12. By this means the measure of the ball or instep of a foot may be taken, and by the arrangement of the staple the measure or line can be readily moved forward or back to measure different portions of a long or short foot.

In practice a customer's foot is placed upon the upper leaf and a diagram thereof traced with a pencil, and all the measurements can be made and recorded thereon, with any other memoranda required.

In view of the foregoing description the

construction and operation of the device is thought to be clearly apparent, it being noted that all changes may be resorted to that fairly fall within the scope of the invention without
5 sacrificing the value of the claims thereof.

Having thus fully described the invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In combination, a base, a heel on the base,
10 a pad, means carried by the base acting in conjunction with the heel for holding the pad to the base and a slidable measure carried by the base.

2. In combination, a base, a heel-piece on
15 the base, a pad, means carried by the base acting in conjunction with the heel-piece for removably holding the pad to the base in such a way as to permit the leaves of the pad to be removed independent of the securing means,
20 and a measure movably secured to the base.

3. In a shoemaker's measure, the combination with a base, a heel on the base, a pad having shoemaker's scales on each leaf thereof to measure the length and upon which may
25 be recorded the form of a foot, and means carried by the base, acting in conjunction with the heel for holding the pad to the base.

4. In a shoemaker's measure, the combination with a base, of a heel-piece on the base,
30 a pad having a shoemaker's scale on each leaf thereof to measure the length and upon which

may be recorded the form of the foot, and means carried by the base acting in conjunction with the heel-piece for removably holding the pad to the base in such manner as to
35 permit the leaves of the pad to be removed independent of the securing means.

5. In a shoemaker's measure, the combination with a base, a heel on the base, a pad having a shoemaker's scale on each leaf thereof to measure the length and upon which may be recorded the form of the foot, means carried by the base, acting in conjunction with the heel for holding the pad to the base, and a flexible measure carried by the base.
45

6. In a shoemaker's measure, the combination with a base, a heel-piece on the base, a pad having a shoemaker's scale on each leaf thereof to measure the length and upon which may be recorded the form of the foot, means
50 carried by the base, acting in conjunction with the heel-piece for removably holding the pad to the base in such manner as to permit the leaves of the pad to be removed independent of the securing means.
55

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

RALPH DAY HUNT.

Witnesses:

R. B. LOUDEN, Jr.,
LAURA KAMP.