

No. 672,547.

Patented Apr. 23, 1901.

H. CRANN.

SHEARS.

(Application filed June 25, 1900.)

(No Model.)

Fig. 1.

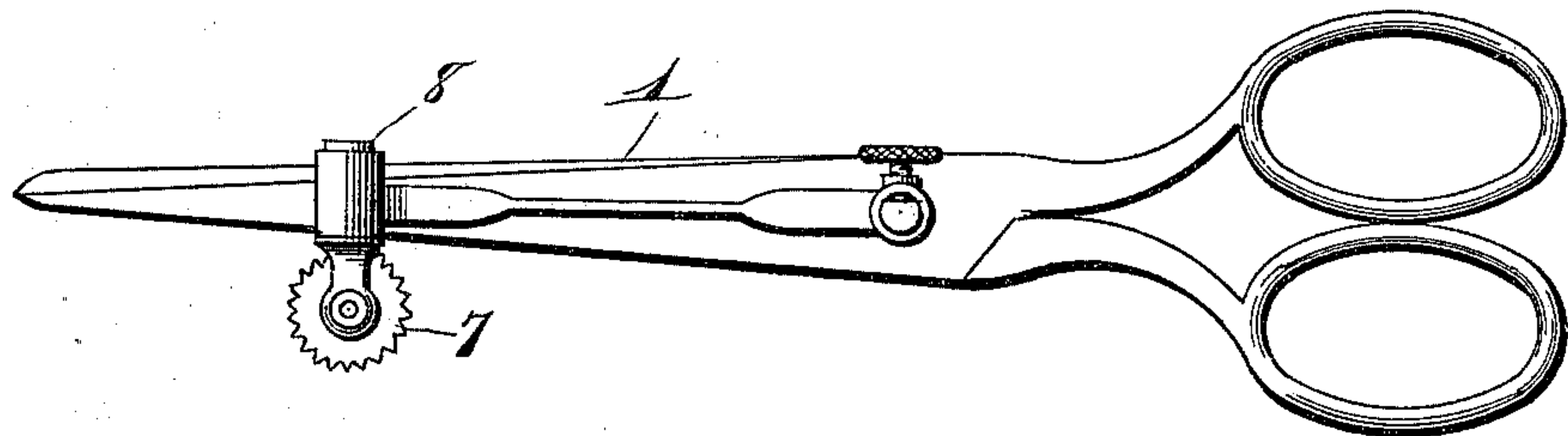


Fig. 2.

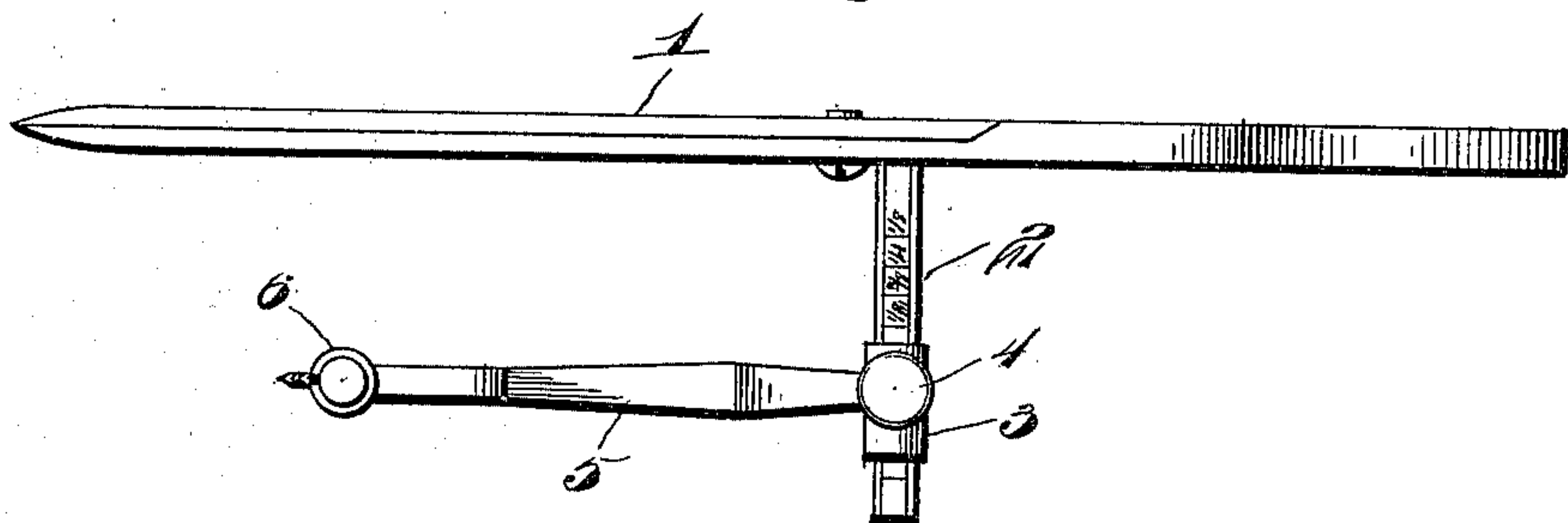
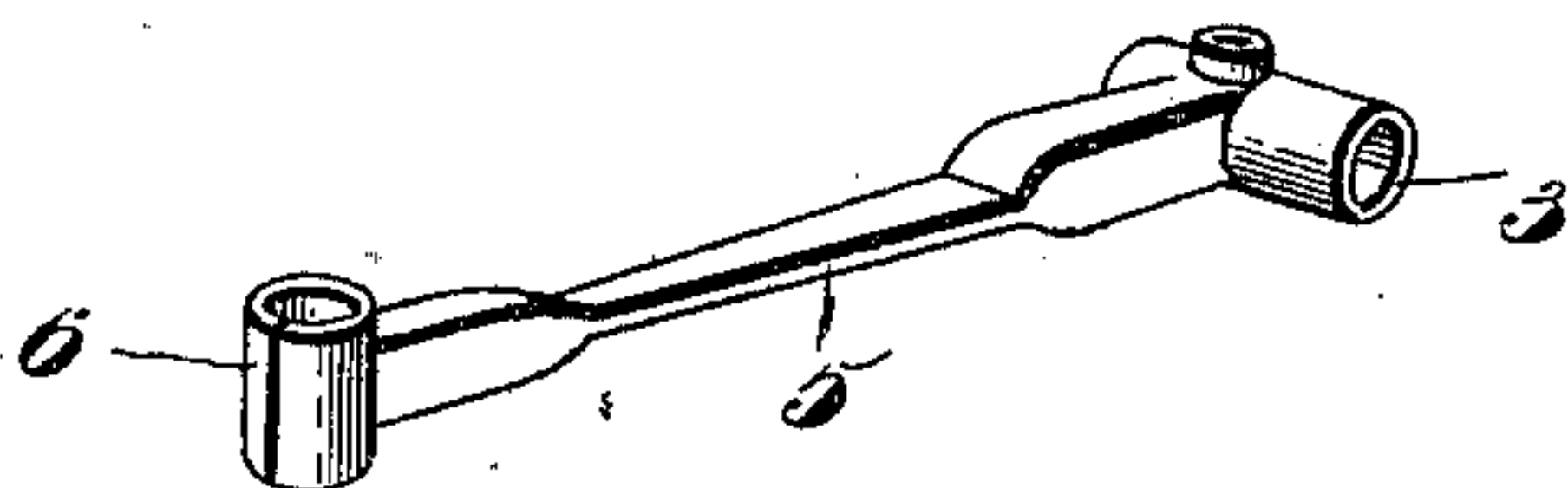


Fig. 3.



Witnesses

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HANNAH CRANN, OF ASPEN, COLORADO.

SHEARS.

SPECIFICATION forming part of Letters Patent No. 672,547, dated April 23, 1901.

Application filed June 25, 1900. Serial No. 21,560. (No model.)

To all whom it may concern:

Be it known that I, HANNAH CRANN, a citizen of the United States, residing at Aspen, in the county of Pitkin and State of Colorado, have invented new and useful Improvements in Shears, of which the following is a specification.

This invention relates to new and useful improvements in scissors; and its primary object is to provide a device of this character having a gage attachment whereby seams of various widths may be readily marked while cutting the fabric.

To this end the invention consists in providing one of the blades of the shears with a stem having a suitable scale marked thereon. A sleeve is adjustably secured to this stem and is provided with a forwardly-projecting spring-arm, the end of which is formed with a clasp which is adapted to inclose a suitable marking device.

The invention also consists in the further novel construction and combination of parts, which will be hereinafter more fully described and claimed, and illustrated in the accompanying drawings, showing the preferred form of my invention, and in which—

Figure 1 is a side elevation thereof. Fig. 2 is a plan view. Fig. 3 is a detail view of the attachment detached.

Referring to the figures of the drawings by numerals of reference, 1 1 are the blades of the shears, from one of which extends a stem 2, having a suitable scale marked upon the upper face thereof. This stem may be of any desired length, and loosely mounted thereon is a sleeve 3, through which projects a set-screw 4, which is adapted to bear upon the stem and lock the sleeve in adjusted position. A spring-arm 5 extends from the sleeve and is formed at its outer end with a tubular clasp 6, which is adapted to inclose a suitable marking device.

Any desired marker may be employed, and

in the drawings I have shown a tracing-wheel journaled in the lower end of a cylindrical stem 8, which is adapted to be firmly held within the clasp 6, hereinbefore referred to. I do not limit myself to the use of a tracing-wheel in this device, as, if desired, a pencil, chalk, or any other desired marking material may be substituted therefor, and it is obvious that the same may be readily held within the clasp 6.

From the foregoing description, taken in connection with the accompanying drawings, the construction and advantages of my improved shears will be readily apparent without requiring an extended explanation. It will be seen that the device is simple of construction, that said construction permits of its manufacture at small cost, and that it is exceedingly well adapted for the purposes for which it is designed, and it will of course be understood that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages thereof.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent, is—

The combination with a cutting-blade, of a graduated stem integral therewith and projecting laterally therefrom, a sleeve mounted upon the stem, means for locking the sleeve in adjusted position thereon, a spring-arm formed integral with the sleeve and extending therefrom in a line parallel to the blade to a point in advance of the fulcrum thereof, a clasp at the end of said arm and a marker within the clasp.

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

HANNAH CRANN.

Witnesses:

SAMUEL C. SAMS,
ELIZABETH BAKER.