

No. 679,432.

Patented July 30, 1901.

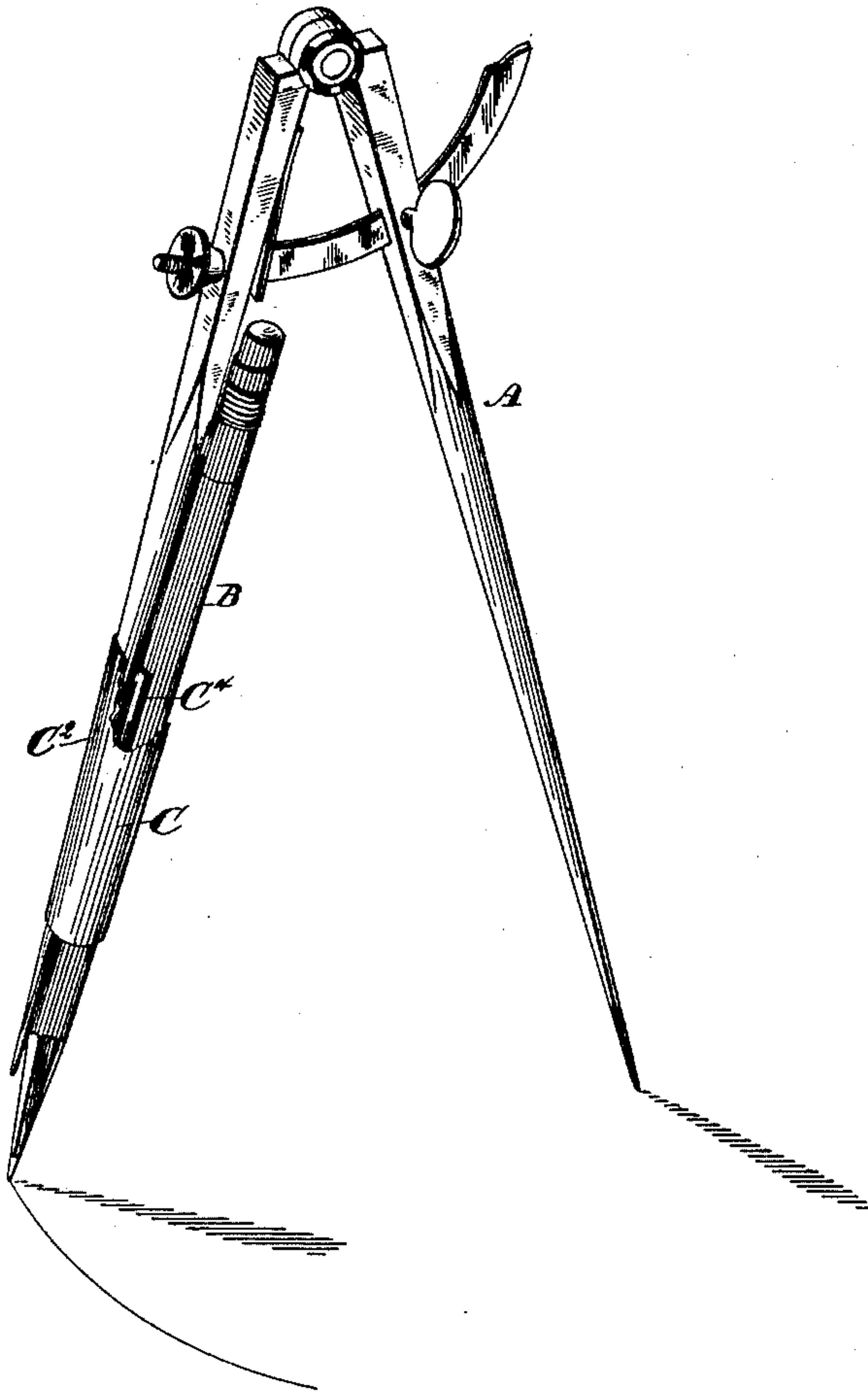
F. SIMONSON.

PENCIL CLIP FOR DIVIDERS.

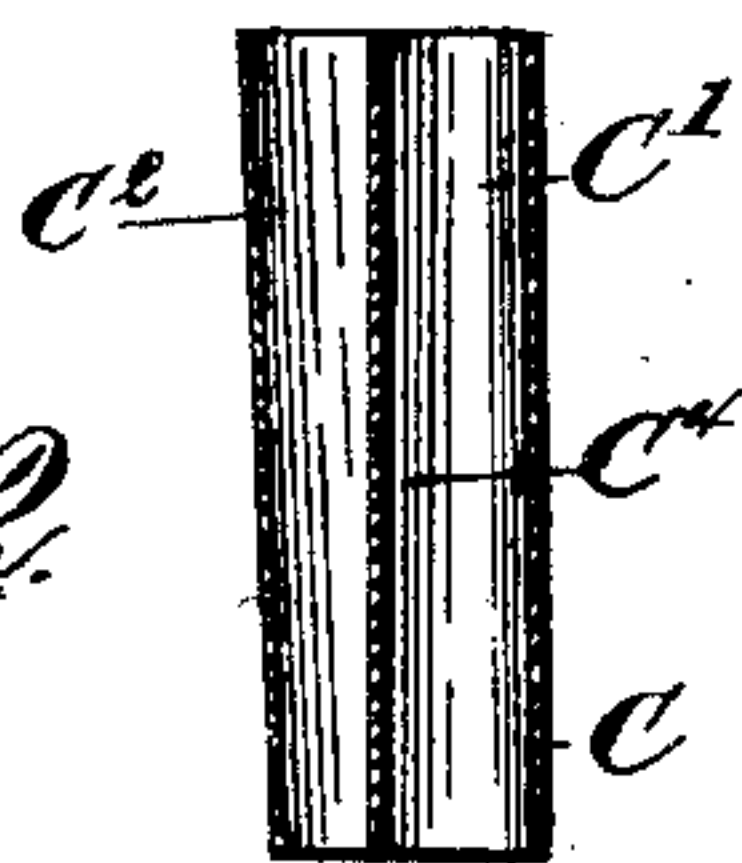
(Application filed Apr. 21, 1898. Renewed Apr. 13, 1901.)

(No Model.)

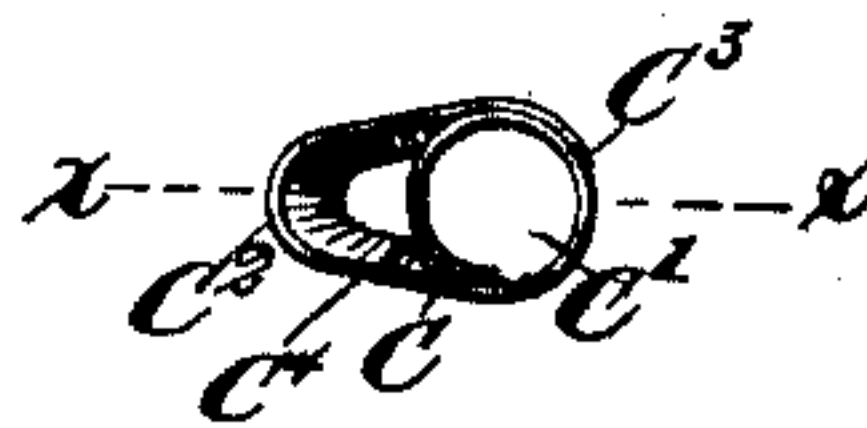
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



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# UNITED STATES PATENT OFFICE.

FLAVEL SIMONSON, OF STERLING, ILLINOIS.

## PENCIL-CLIP FOR DIVIDERS.

SPECIFICATION forming part of Letters Patent No. 679,432, dated July 30, 1901.

Application filed April 21, 1898. Renewed April 13, 1901. Serial No. 55,624. (No model.)

*To all whom it may concern:*

Be it known that I, FLAVEL SIMONSON, a citizen of the United States, residing at Sterling, in the county of Whiteside and State of Illinois, have invented certain new and useful Improvements in Pencil-Clips for Dividers; 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.

The object of this invention is to provide a cheap, simple, and efficient device for the convenient attachment of a pencil to the leg of a pair of dividers; and the nature of the invention is fully disclosed in the description and claims following, reference being had to the accompanying drawings, in which—

Figure 1 is a view in perspective of a pair of dividers and a pencil attached thereto by one of my pencil-clips, a part of the latter at the upper end being broken away to show the construction thereof. Fig. 2 is a vertical section of the clip in the line  $x x$  of Fig. 3. Fig. 3 is a view of the same as seen from the upper end.

Similar letters of reference indicate corresponding parts.

The device is extremely simple, being formed of a single strip of thin metal—such as tin or brass—of suitable width to give when bent into the finished form a good bearing for the pencil and a leg of the dividers.

In the drawings, A denotes a pair of dividers of a well-known type, B a pencil, and C, the clip. The clip, as will be seen, has a cylindrical coil C' to receive the pencil, and adjacent to this a tube C<sup>2</sup>, corresponding to the taper of the divider-leg. The latter is formed out of the same material as the cylindrical coil, extending laterally therefrom in the form of a tapered loop or tube, as clearly illustrated in Figs. 2 and 3. The outer end of the strip is suitably secured at C<sup>3</sup>, as by

soldering; but the inner end is not fastened and serves as a flexible tongue adapted to press on one side of the pencil as forced into contact therewith by the adjacent divider-leg. The effect of this construction is to give considerable range of variation in the size of pencils held by it.

The device is of a convenient size for the vest-pocket or it may be slipped on the pencil and remain there permanently, in which case it does not interfere with the ordinary use of the pencil. As will be evident, it is attached to a divider-leg by simply forcing the leg into the tapered side of the clip, this operation serving to both tighten the clip on the pencil and also on the leg.

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

1. A pencil-clip for dividers, comprising a tube with one cylindrical and one tapered side, said tube being divided longitudinally by a flexible tongue parallel with the cylindrical side, and having one of its sides free, substantially as and for the purpose set forth.

2. As a new article of manufacture, a pencil-clip for dividers formed of a single piece of sheet metal in the form externally of a tube, oblong in cross-section, one side of the tube being cylindrical and the other side tapered, the tube so formed being divided longitudinally by an internal continuation of the cylindrical part of the tube, which is free at one side, and is adapted to be pressed against the pencil, when in position, by the tapered leg of the divider inserted in the tapered part of the tube, as described.

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

FLAVEL SIMONSON.

Witnesses:

J. F. GROAT,  
J. M. ST. JOHN.