

(No Model.)

J. KRUMSCHEID.

MULTIPLE DIVIDERS.

No. 381,560.

Patented Apr. 24, 1888.

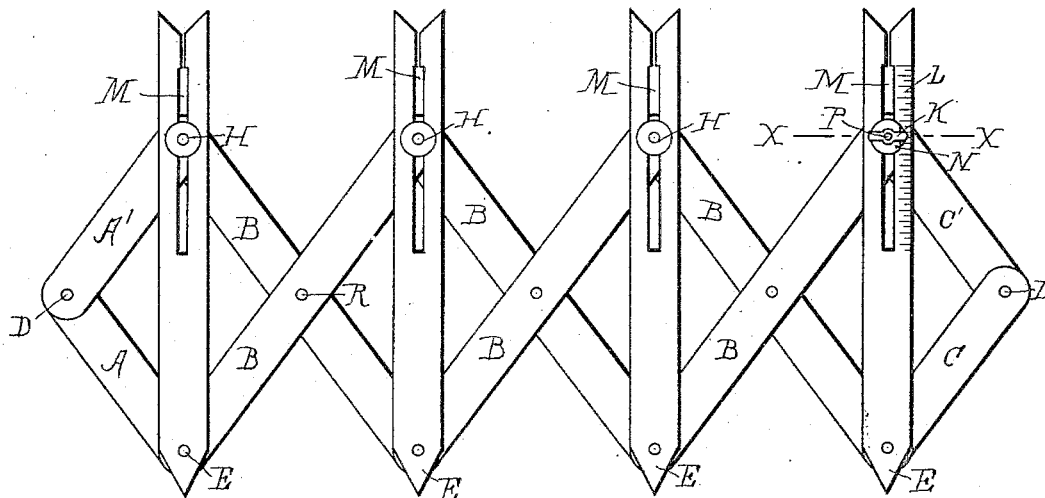


Fig. 1.

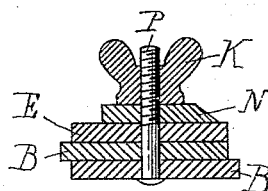


Fig. 2.

WITNESSES.

Matthew M. Blunt,
A. W. Scribner

INVENTOR.

Jacob Krummscheid.

UNITED STATES PATENT OFFICE.

JACOB KRUMSCHEID, OF BOSTON, MASSACHUSETTS.

MULTIPLE-DIVIDER.

SPECIFICATION forming part of Letters Patent No. 381,560, dated April 24, 1883.

Application filed September 5, 1887. Serial No. 248,912. (No model.)

To all whom it may concern:

Be it known that I, JACOB KRUMSCHEID, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Multiple-Dividers, of which the following, taken in connection with the accompanying drawings, is a specification.

The object of my invention is to make a simple device by which a line may be quickly and accurately divided into any number of equal parts. I attain this object by the mechanism shown in the accompanying drawings, in which—

Figure 1 is a plan view of my device, and Fig. 2 is a cross section, enlarged, taken on line *x x* of Fig. 1.

In Fig. 1, *A A'* and *C C'* represent the end pieces, which are riveted at *D D*, respectively, to each other, as shown. The folding pieces *B B* are joined at the ends and also in the middle, so that the parts *A A'*, *C C'*, and *B B* form together the device known as "lazy-tongs." The upright pieces *E E* form the pointers. These are riveted at their lower ends, as shown, by the same rivets that serve to connect the

lower ends of the folding parts *B B*, *A*, and *C*. The upper ends of the uprights are each made with a slot, *M M*, in which the rivets *H H* slide. The rivets *H H* are each provided with a washer, so as to retain the uprights in place and still to allow them to slide. One of the uprights is provided with a thumb screw, *K P*, and a pointer, *N*, (see Figs. 1 and 2,) and on the upright to which the thumb screw and pointer are appended I have a graduation, *L*, so that the uprights *E E E* may be placed at any desired distance apart and there securely held.

This device may be used by tailors, carpenters, machinists, &c., for a great many uses.

I claim—

The combination of the lazy-tongs *A A' B B C C* with the uprights *E E*, thumb-screw *K P*, and pointer *N*, all operating together, substantially as described, and for the purpose set forth.

JACOB KRUMSCHEID.

Witnesses:

MATHEW N. BLUNT,
A. W. SCRIBNER.