

C. A. SCHRIER.
SQUARES.

No. 190,519.

Patented May 8, 1877.

Fig. 1.

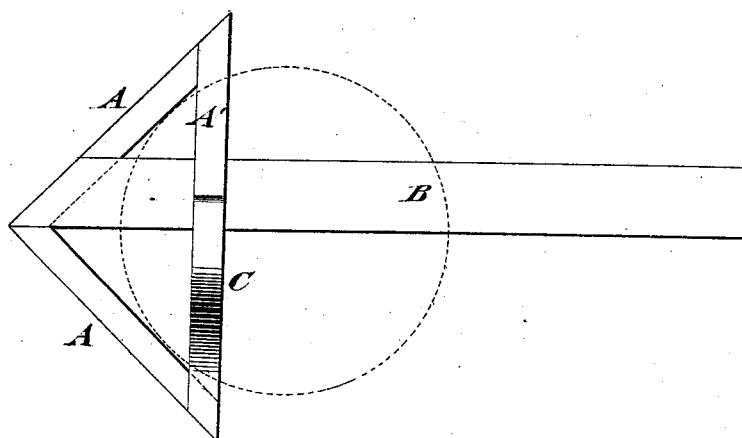
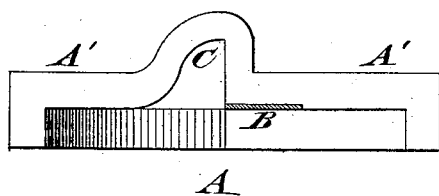


Fig. 2.



WITNESSES:
Gustave Ketch
J. W. Scarborough

INVENTOR:
C. A. Schrier
BY *Munnif*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

CHARLES A. SCHRIER, OF HOLYOKE, MASSACHUSETTS.

IMPROVEMENT IN SQUARES.

Specification forming part of Letters Patent No. **190,519**, dated May 8, 1877; application filed April 2, 1877.

To all whom it may concern:

Be it known that I, CHARLES A. SCHRIER, of Holyoke, in the county of Hampden and State of Massachusetts, have invented a new and Improved Universal Square, of which the following is a specification:

In the accompanying drawing, Figure 1 is a top view, and Fig. 2 an end view, of my improved universal square.

Similar letters of reference indicate corresponding parts.

The object of my invention is to so improve the universal square in general use that a line may be drawn along the whole length of the tongue or blade without removing the square from the roll or other object; and the invention consists of a universal square having a cross-bar with curved or raised portion above the central edge of the tongue to admit the continuation of the line along the same.

In the drawing, A represents the square; A', the cross-bar, and B the tongue or blade, of my improved universal square.

The cross-bar A' is provided with a curved or raised portion, C, in front of the central

edge of the tongue, as shown in Fig. 2, so that a space is formed above the edge sufficient to admit the drawing of a line along the whole length of the tongue without taking off the square from the roll or other circular body.

In the present style of squares the line has to be completed after the square is removed, which is often troublesome and annoying, and which may be entirely overcome by my improved cross-bar, as it gives free play in all cases.

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

A universal square having a cross-bar provided with a raised or curved portion, C, in front of the central edge of the tongue, to admit the drawing of a continuous line along the tongue, substantially in the manner and for the purpose set forth.

CHARLES A. SCHRIER.

Witnesses:

T. B. KRESMONDAHL,
OTTO BRUECK.