

(No Model.)

W. B. KINSLEY.
GAGE FOR GORING SHOE UPPERS.

No. 297,998.

Patented May 6, 1884.

Fig. 1.

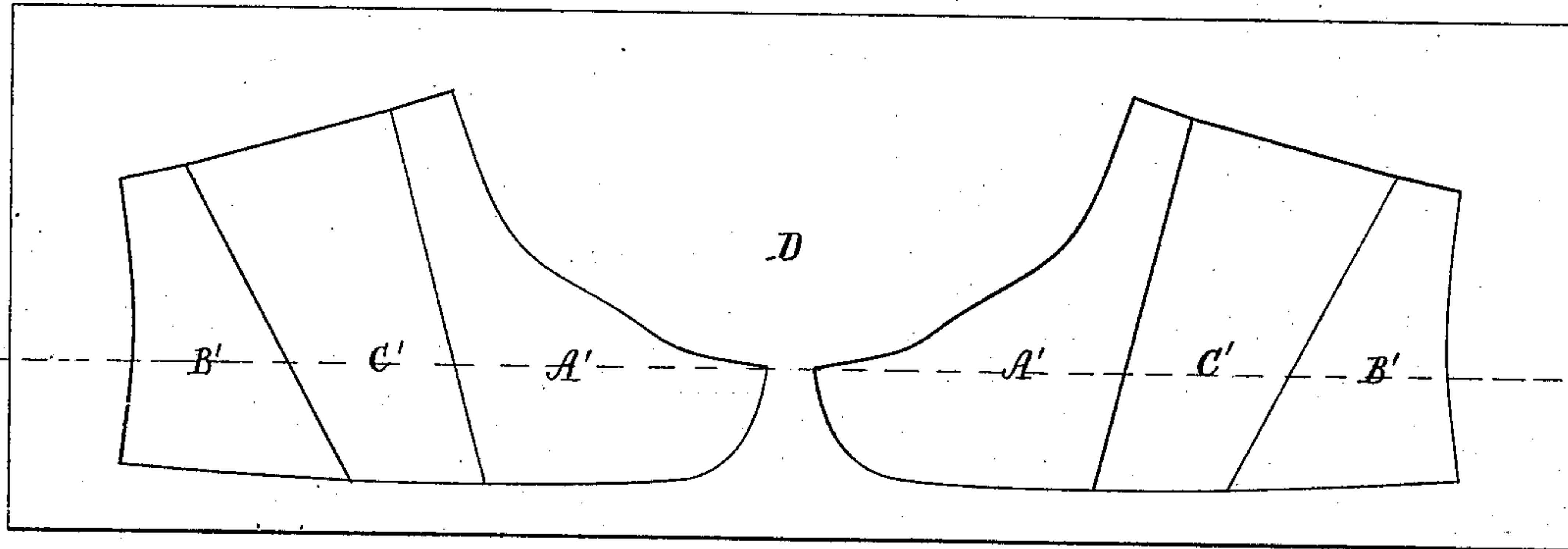


Fig. 2.



Fig. 3.

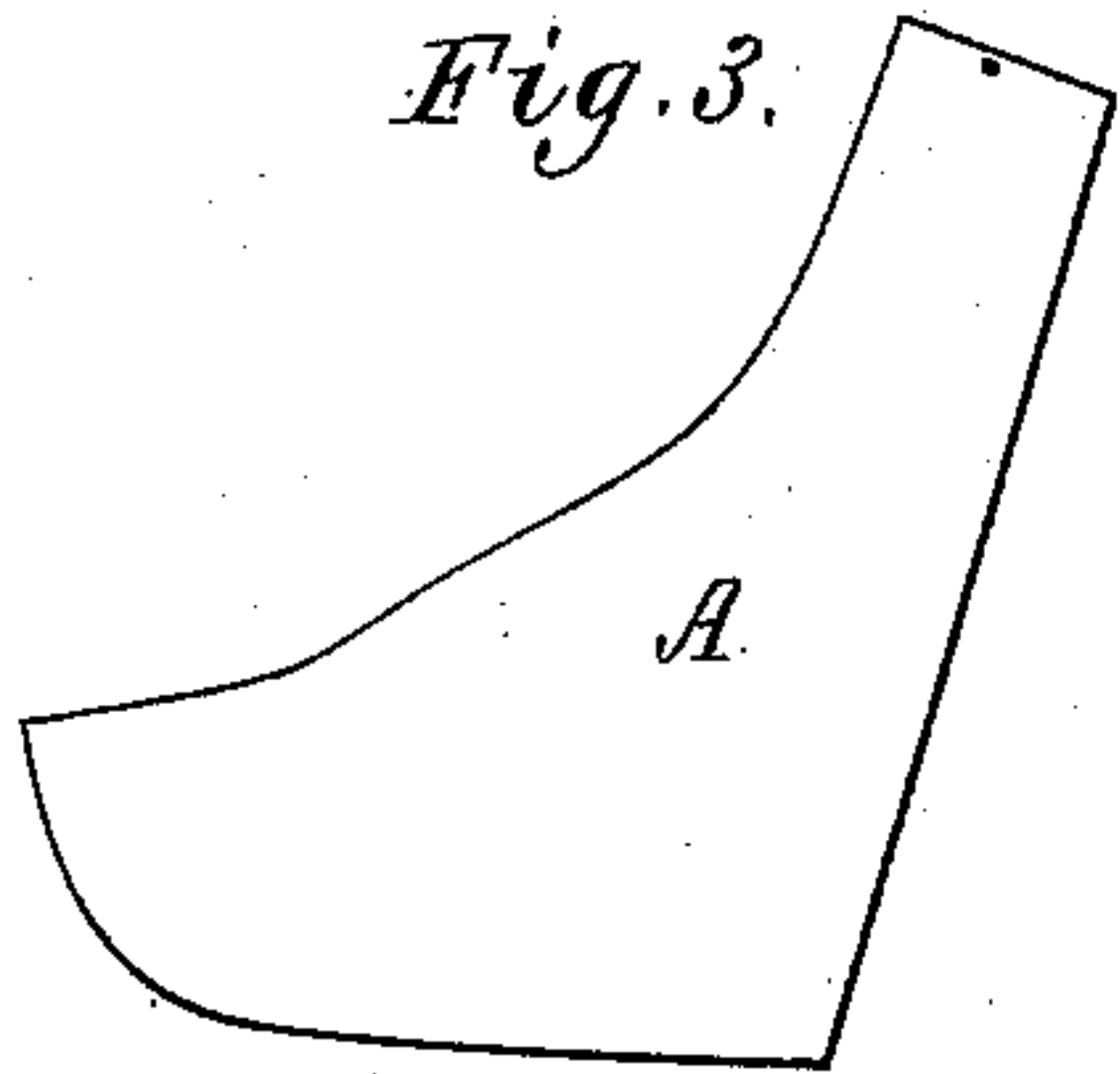


Fig. 5.

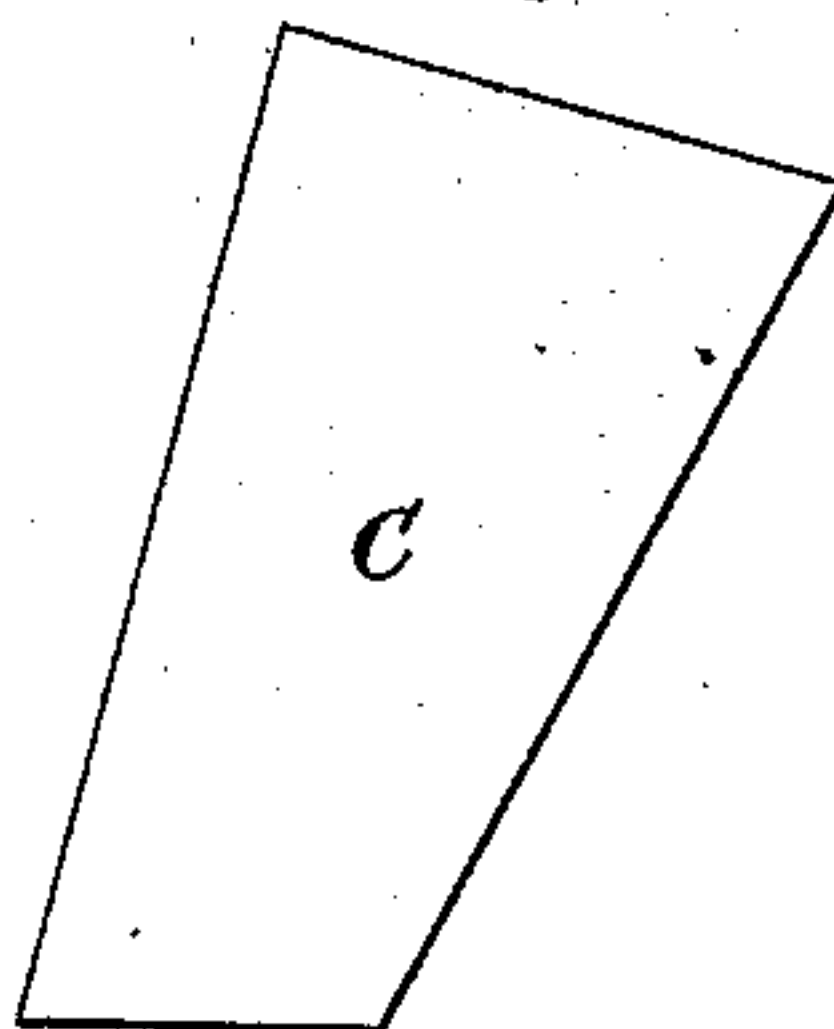


Fig. 4.

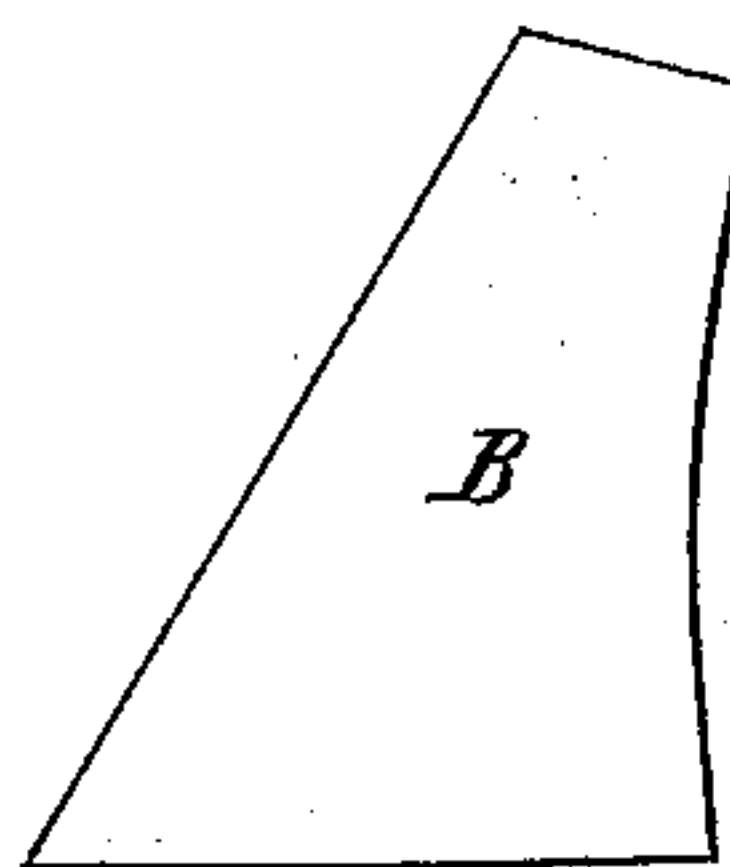
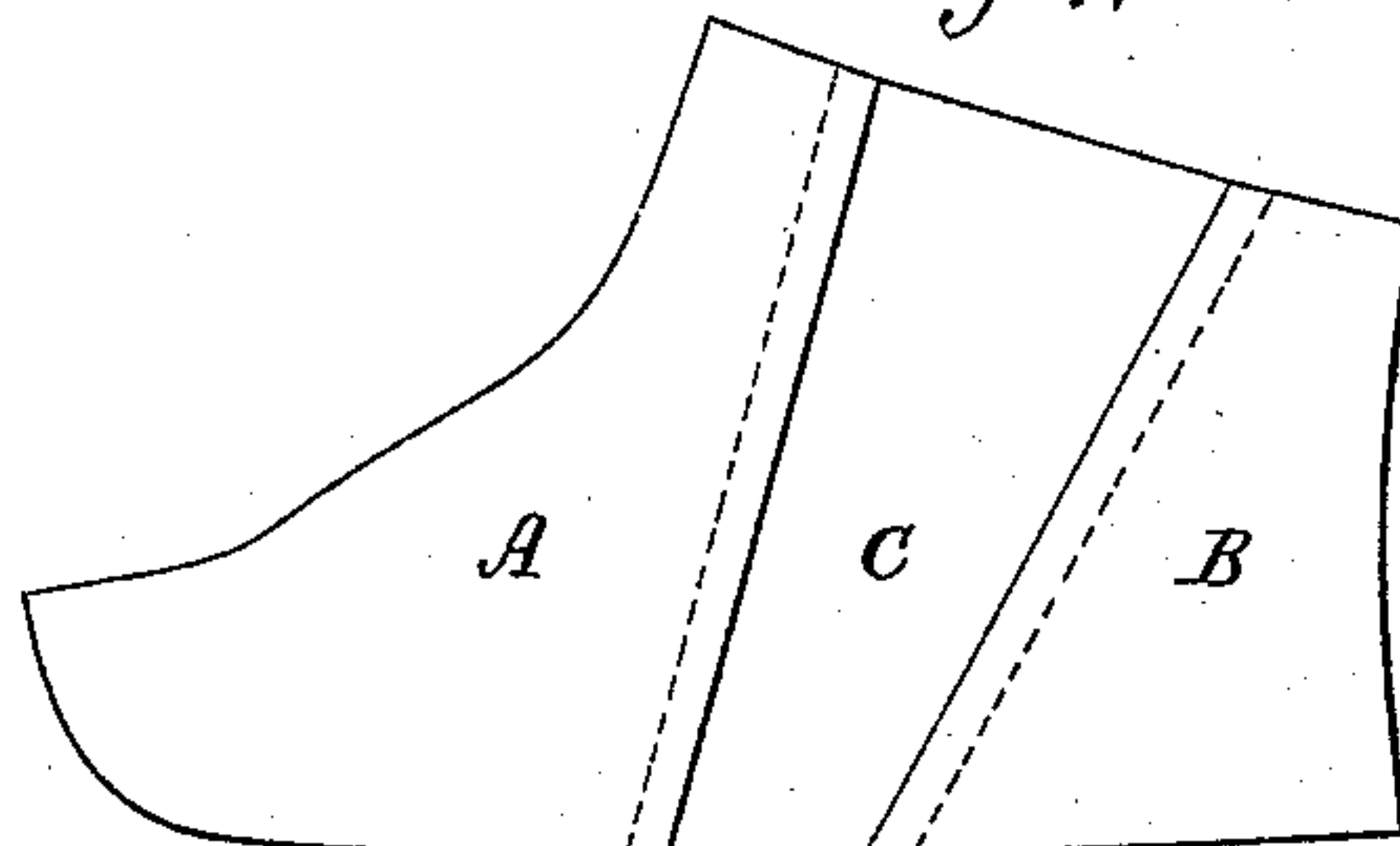


Fig. 6.



Fig. 7.



Witnesses.

S. N. Piper
E. A. Pratt

Inventor.

Wm. Bradford Kinsley.
by R. H. S. att'y.

UNITED STATES PATENT OFFICE.

WILLIAM BRADFORD KINSLEY, OF STOUGHTON, MASSACHUSETTS.

GAGE FOR GORING SHOE-UPPERS.

SPECIFICATION forming part of Letters Patent No. 297,998, dated May 6, 1884.

Application filed February 25, 1884: (No model.)

To all whom it may concern:

Be it known that I, WILLIAM BRADFORD KINSLEY, of Stoughton, in the county of Norfolk, of the Commonwealth of Massachusetts, have invented a new and useful Improvement in Gages for Goring Parts of Shoe-Uppers; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view, and Fig. 2 a longitudinal section, of a duplex gage of my invention, the nature of each single gage of which is defined in the claim hereinafter presented. Figs. 3 and 4 are views of the back and front portions of an upper or part to which the gore is to be cemented. Fig. 5 is a view of the gore. Fig. 6 is a top view, and Fig. 7 a side view, of the gore and back and front parts as placed and cemented together.

To arrange properly and expeditiously and cement together by the hands of an operative alone the gore and back and fore parts of the upper of a shoe is generally a matter of much difficulty, and attended with considerable liability of the parts being or getting more or less out of place, so as to cause wrinkles in the gore, or bad fitting of the upper of a shoe made with such gore. With my gage the gore and the back and front pieces can be accurately and expeditiously adjusted and connected.

The drawings exhibit a duplex gage—viz., one for the parts of each shoe of a pair of shoes when each shoe is to have but one elastic gore. The gage answers also for the parts of a shoe to have two elastic gores.

In the said drawings, A and B denote the two pieces of shoe-upper material, and C the elastic gore. The said two pieces are in practice arranged with the elastic gore and lapped thereon, in manner as shown in Figs. 6 and 7.

The gage represented in Figs. 1 and 2 is a

plate or board, D, having formed in it three shallow cells, A', B', and C', for each elastic gore, and the two pieces to be lapped on and cemented to it. The median cell, C', is of the proper depth and size to receive the elastic gore, and projects below the two flanking cells A' and B' the thickness of the gore. The said two cells A' and B' are adapted to fit to and receive the two parts A and B in a manner to properly adjust them with reference to a gore, C, when such gore is in the median cell, and to cause each of such parts A and B to lap on the gore the distance required for connecting it thereto by cement.

In using the gage a gore is first to be laid in the median cell, such gore having cement on it along its opposite longer edges. This having been done, the parts A and B are to be laid in the cells A' and B', (which are on a level with each other,) and are to be pressed into contact with the gore. The said parts and gore will then have been properly arranged, and will be suitably connected when the cement may have become dry or set.

I am aware of the machines described in the United States Patents Nos. 85,492, 128,065, and 143,275; but none of said machines has in it a gage like that hereinbefore described, and to operate like it.

I claim—

The gore-gage substantially as set forth, consisting of a board or plate provided with the three cells arranged in it, as represented, for the reception and gaging of the gore, and the two pieces of material to be adapted thereto, as specified.

WILLIAM BRADFORD KINSLEY.

Witnesses:

R. H. EDDY,
E. B. PRATT.