

R. Heneage,

Slate Frame.

No. 80410.

Patented July 28, 1868.

FIG. 1

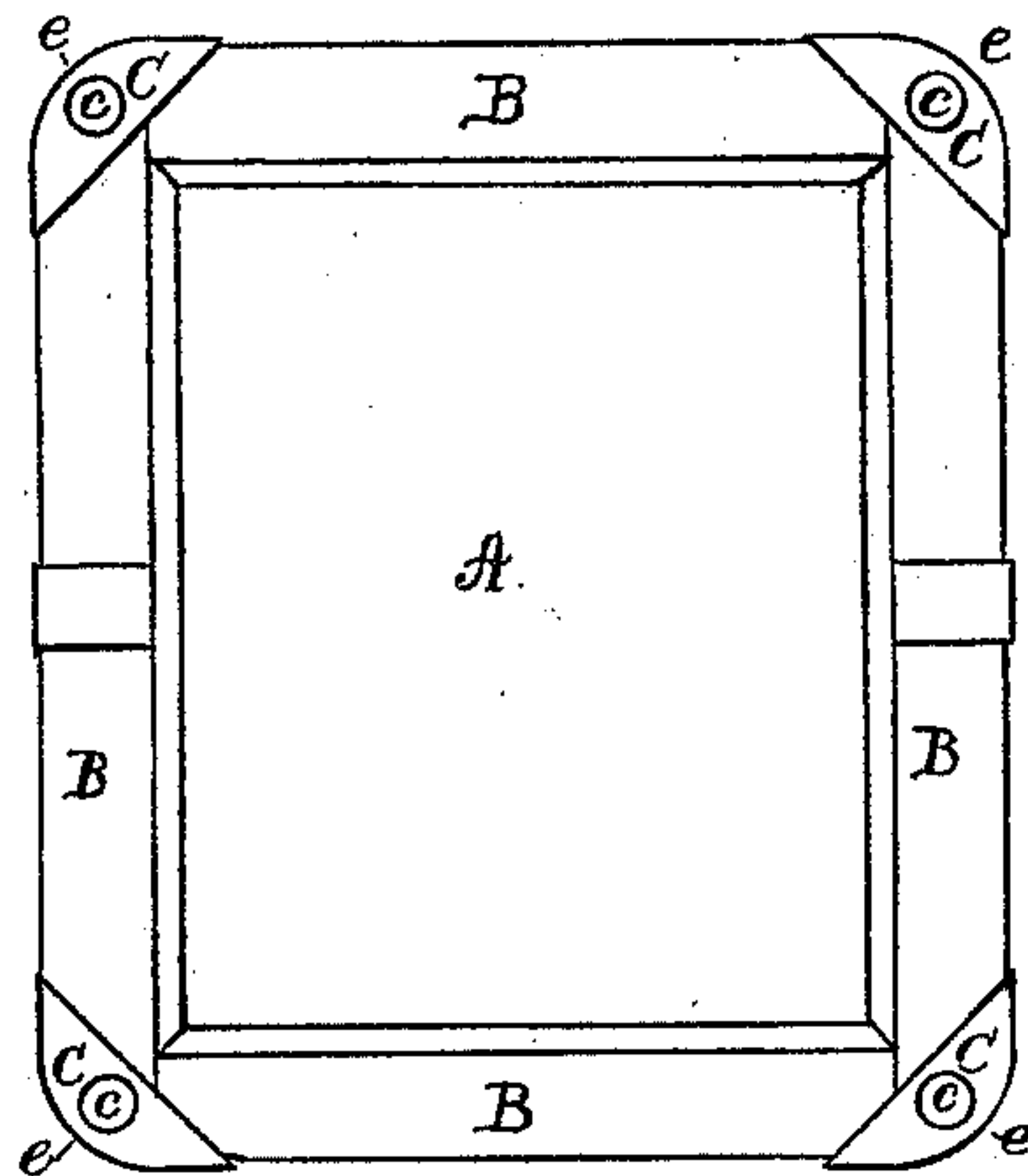
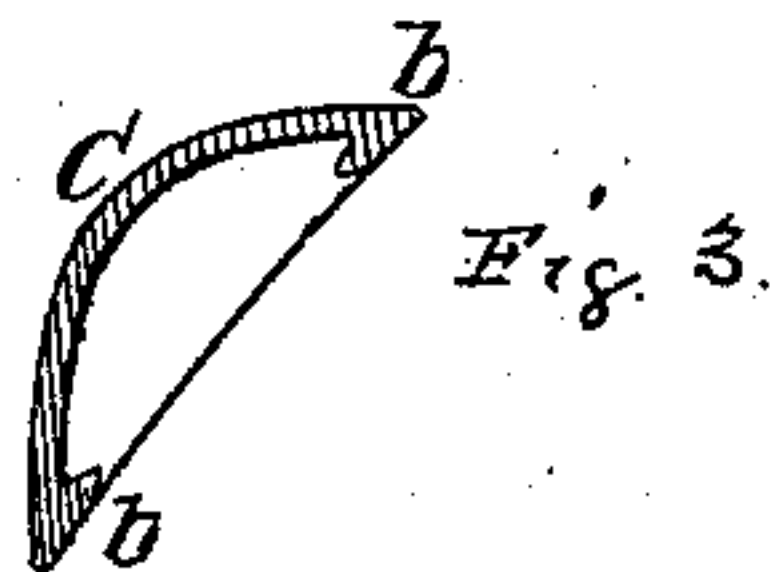
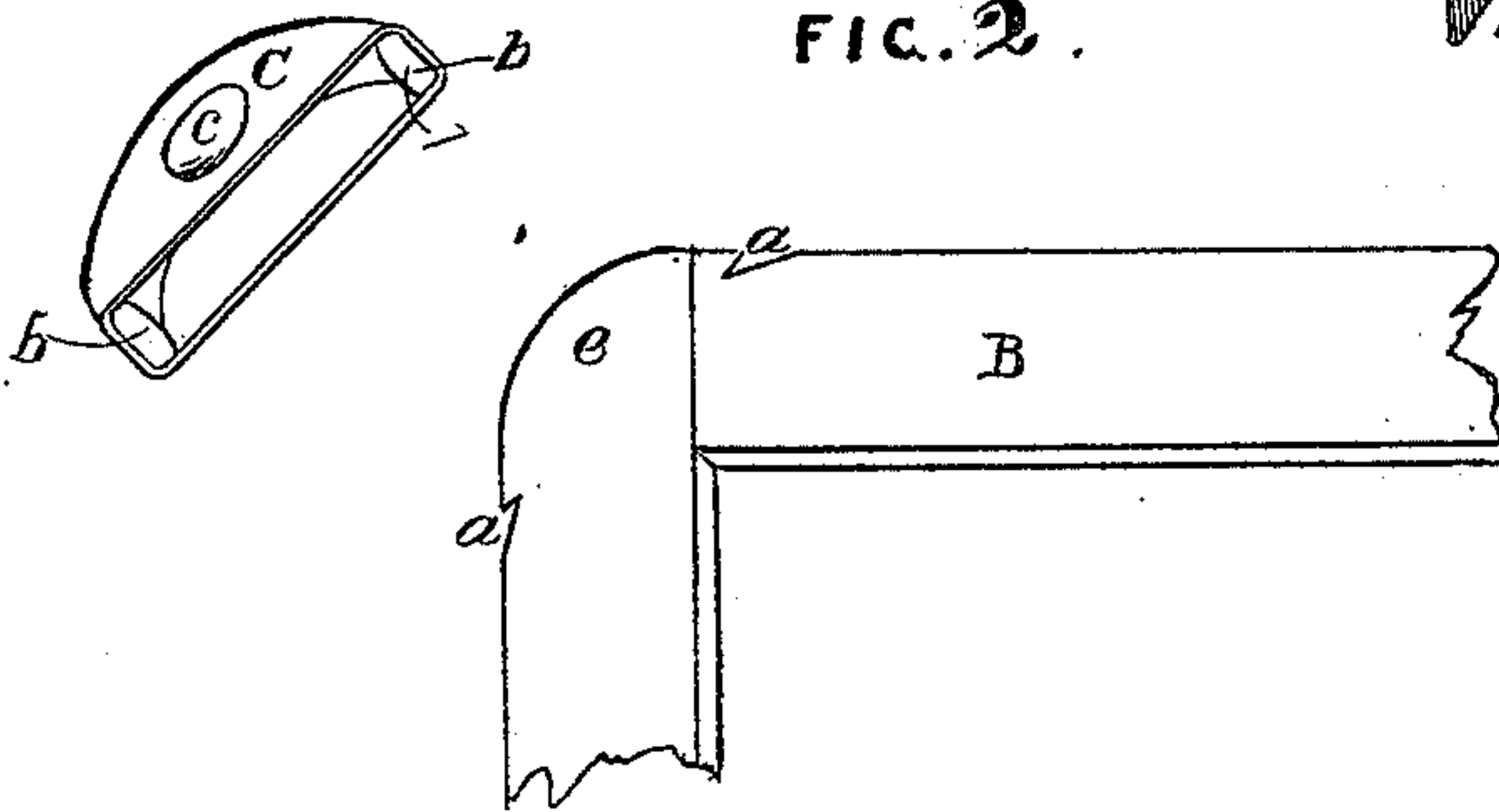


FIG. 2



WITNESSES.

J. P. Drake.

Geo. W. Mott

Robert Heneage
by
J. Fraser & Co
attys

United States Patent Office.

ROBERT HENEAGE, OF BUFFALO, NEW YORK, ASSIGNOR TO BREED AND COMPANY, OF SAME PLACE.

Letters Patent No. 80,410, dated July 28, 1868.

IMPROVEMENT IN SLATE-FRAMES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, ROBERT HENEAGE, of the city of Buffalo, county of Erie, and State of New York, have invented a certain new and useful Improvement in Slates; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

Figure 1 shows a slate provided with my improvement.

Figure 2, a perspective view of one corner of the frame, and its binding-cushion detached.

Figure 3 is a central vertical longitudinal section of the binding-cushion.

Like letters of reference indicate corresponding parts in the several figures.

My invention consists in combining, with the corners of the slate-frame, India-rubber sockets or mats, which serve the double purpose of cushions, to prevent shock, and binders, to retain the parts of the frame in place.

In the drawings, A indicates the plate of slate-stone, and B B B B the four wooden sides forming the frame.

The corners *e e* of the frame are made rounding, and at each side are provided with notches, *a a*, as clearly shown in fig. 2.

Over the corners are stretched rubber mats or sockets C C, made of suitable thickness, and provided inside with projecting tongues or catches *b b*, that catch in the notches *a a*, and outside with nipples *c c*, that form the points of contact with any exterior surface.

I am aware that blocks of rubber have been before set into slate-frames, for the purpose of cushioning the same, and preventing shock in contact with any outside body. My arrangement serves a further purpose, for, while this same effect is produced, I am enabled to bind the ends of the frame together by the sockets, without the use of the ordinary pin that passes through the ends, coupled by socket and tenon. Thus the parts of the frame can be readily detached when desired.

An additional advantage is produced in enclosing the whole corner of the frame, thereby securely shielding it from concussion.

What I claim as my invention, and desire to secure by Letters Patent, is—

The rubber mats D D, provided with the catches *b b* and nipples *c c*, in combination with the rounding corners *e e* of the slate-frame, having the notches *a a*, the whole arranged as described, and operating in the manner and for the purpose specified.

In witness whereof, I have hereunto signed my name in the presence of two subscribing witnesses.

ROBT. HENEAGE.

Witnesses:

J. R. DRAKE,

LYMAN P. PERKINS.