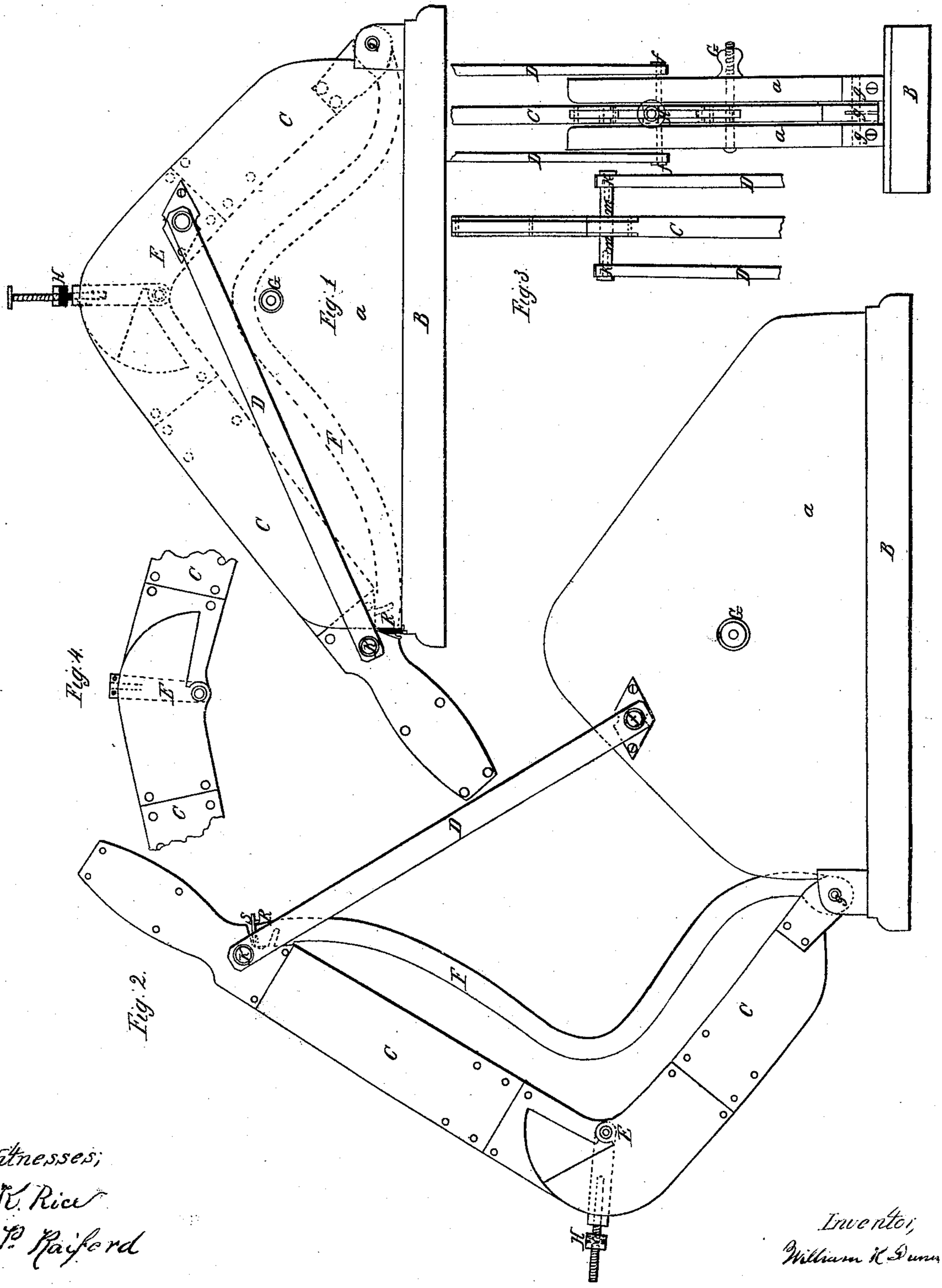
W. K. Dunn,

Crimping Mach.

No. 89,640. Patented May 4. 1869.



Witnesses;
A. K. Rice
A. P. Raiford

Inventor;
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United States Patent Office.

WILLIAM R. DUNN, OF ALTON, INDIANA.

Letters Patent No. 89,640, *dated May* 4, 1869.

IMPROVED BOOT-CRIMPING MACHINE.

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

Be it known that I, WILLIAM R. DUNN, of the town of Alton, county of Crawford, and the State of Indiana, have invented a new and useful Improvement on a Boot-Crimping Machine; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view.

Figure 2, side view, showing hinged lever and guide-bars, the lever crooked, or in a crimp form.

Figure 3, end view, showing position of lever and guide-bars, with the pressure-plates.

Figure 4 showing lever-hinge straight.

The pressure-plates A A are stationary to the base, B. The crimping-plate, or lever C, is hinged to the pressure plates A A at letter *g*, and guided by the bars D D, attached to the lever at K by a rod, *m*, fig. 3, passing through the lever, and fastened by screws, and to the pressure-plates A A at *f f*, by pins fastened in the plates.

The lever is hinged at E.

The centre guide-bar F is hinged to the lever at *g*, and fastens at R by a spring-latch, *s*.

The pressure-plates A A are tightened by screw G.

The crimp is fastened to lever C by crimp-screw H.

The boot-front being sufficiently wet, is placed on the lever C, the corners fastened by the crimp-screw H. The pressure-plates A A tightened by screw G bearing down on the lever C, force the leather between the plates A A, not bending sufficiently to form wrinkles. The pressure-plates prevent wrinkles after it is hidden, causing but little strain on the leather. The lever is pressed down until it latches to the bar F.

The crimp is then made. Loose the screw G, remove the guide-bars D D from pins *f f*, tighten crimp-screw H, raise the lever C to position of fig. 2, place the guide-bars D D on pins *f f*, and let remain until dry.

I do not claim the pressure-plates A A, base, B, nor crimp-screw H, for they have been used in various patterns of crimping-machines; but

I claim—

1. The hinge E, in connection with lever C, rod *m*, guide-bars D D and F, and pins *f f*, or any other device substantially the same.

2. The latch *s*, in connection with the lever C and guide-bar F, or their equivalents.

WILLIAM R. DUNN.

Witnesses:

A. K. RICE,

A. P. RAIFORD.