

G. A. CORSER.

Bed-Plates for Rag or Paper Engines.

No. 135,631.

Patented Feb. 11, 1873.

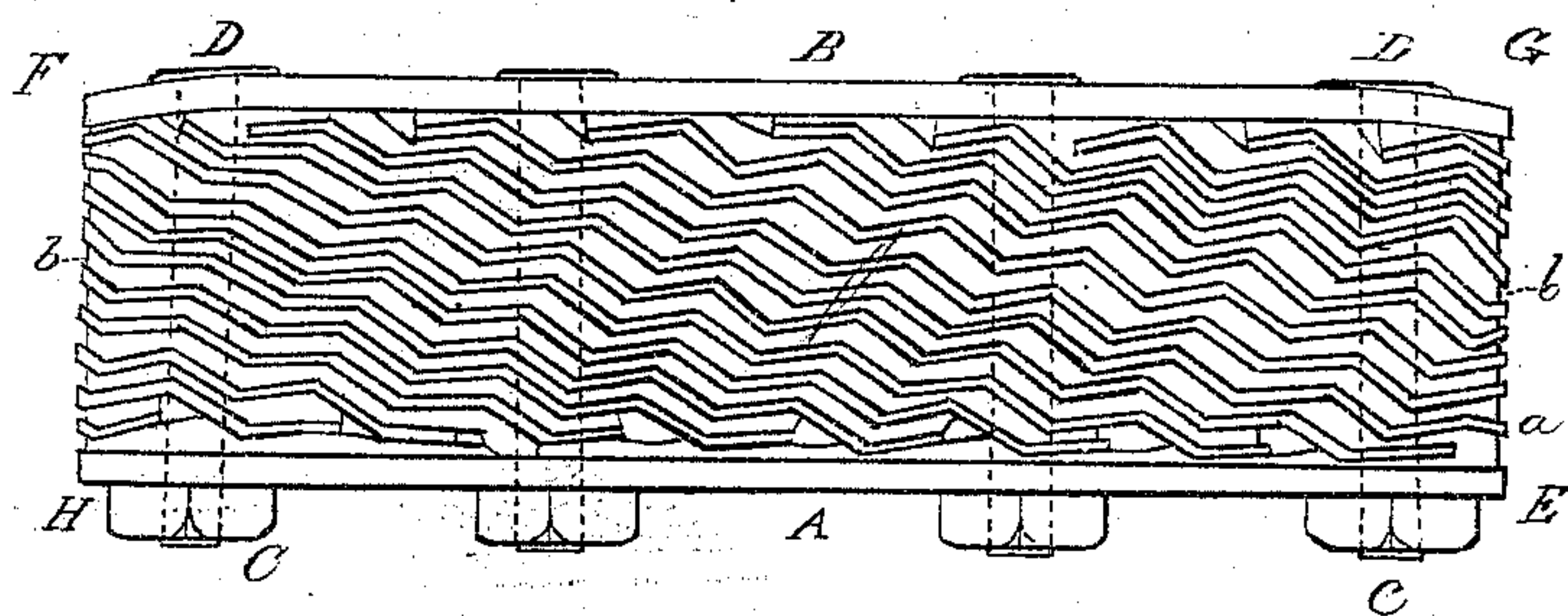


Fig. 1.

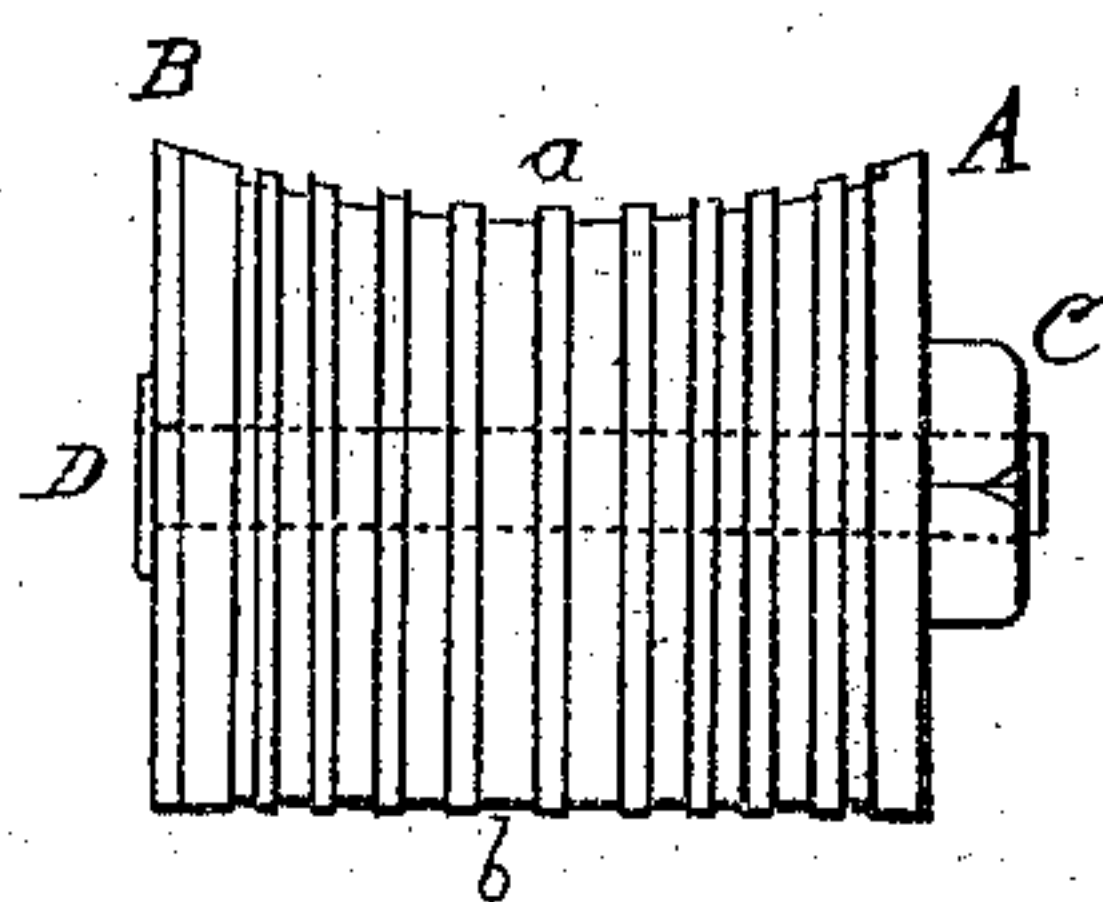


Fig. 2.

WITNESSES.

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GEORGE A. CORSER, OF LEICESTER, MASSACHUSETTS, ASSIGNOR TO HIMSELF, ANTHONY HANKEY, AND JAMES E. JONES, OF SAME PLACE.

IMPROVEMENT IN BED-PLATES FOR RAG OR PAPER ENGINES.

Specification forming part of Letters Patent No. **135,631**, dated February 11, 1873.

To all whom it may concern:

Be it known that I, GEORGE A. CORSER, of Leicester, in the county of Worcester and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Bed-Plates for Rag or Paper Engines; and I do hereby declare the following to be a clear, full, and exact description of the same, reference being had to the accompanying drawing, and in which—

Figure 1 represents a top or plan view of my improved bed-plate, and Fig. 2 represents an end view of the same.

To enable those skilled in the art to which my invention belongs to make and use the same, I will describe it in detail.

In the drawing, A B represent the outside clamping-bars, which are held together by means of nuts and bolts C D. Between the clamping-bars A B is arranged a series of metal angle-plates, *a*, between which are fitted soft angle-pieces of wood, *b*. The metal angle-plates *a* are arranged diagonally, as shown in Fig. 1, and the plates vary in length, the longest angle-plates running from the corner E to the corner F of the bed-plate, while the spaces on the opposite sides of the long diagonally-arranged angle-plates are filled with angle-plates which diminish in length until at the corners G H they are very short. The

metal angle-plates *a*, when thus arranged diagonally as respects the bars A B, are securely held in place by the nuts and bolts C D.

This arrangement of metal angle-plates *a* makes a far superior bed-plate to the one for which Letters Patent were granted to Anthony Hankey and myself, as the assignees of said Hankey, March 22, 1870, since the paper stock, as it is forced against the metal angle-plates *a* by the revolving cutting-bars of the engine, cannot pack and slide along in the angles, but is constantly changing its position laterally during its passage over the bed-plate.

Having described my improvements in bed-plates for rag or paper engines, what I claim therein as new and of my invention, and desire to secure by Letters Patent, is—

1. The combination, with the bars A B, of the diagonally-arranged metal angle-plates *a* and diagonally wooden strips *b*, both varying in length, and arranged relatively substantially as shown and described.

2. A bed-plate for rag or paper engines constructed substantially as described, and as shown in Fig. 1 of the accompanying drawing.

GEORGE A. CORSER.

Witnesses:

THOS. H. DODGE,
E. E. MOORE.