Rice & Van Deren,
Stamp Mill.

No. 95045. Patented Sept. 21. 1869.

Fig: 1.

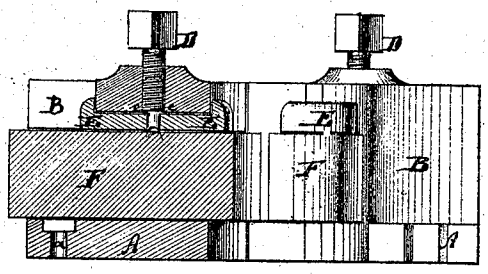
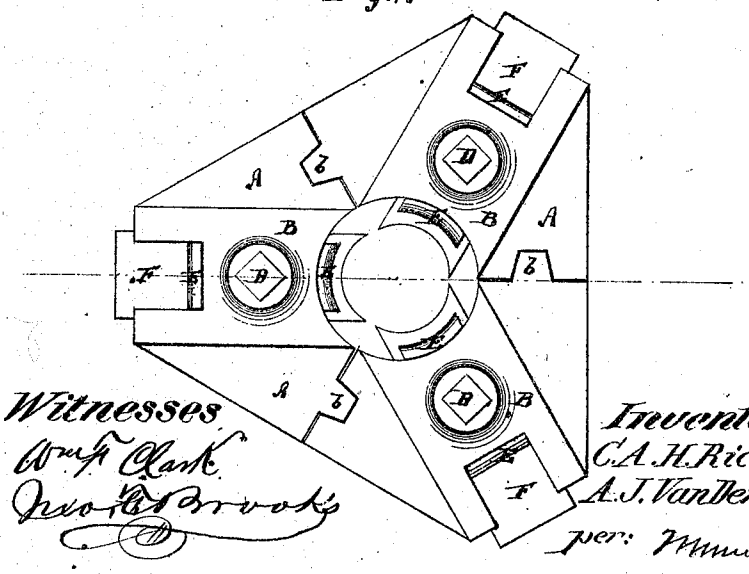


Fig: 2



Witnesses
Wm F Clark
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United States Patent Office.

CHARLES A. H. RICE AND A. J. VAN DEREN, OF CENTRAL CITY, COLORADO TERRITORY.

Letters Patent No. 95,045, *dated September* 21, 1869.

IMPROVEMENT IN GUIDES FOR STAMP-MILLS.

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

To all whom it may concern:

Be it known that we, CHARLES A. H. RICE and A. J. VAN DEREN, of Central City, in the county of Gilpin, and Territory of Colorado, have invented a new and improved Universal Guide for Stamp-Mills; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a vertical section of our improved guide for mills.

Figure 2 is a plan or top view of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new device for guiding the shafts of stamp-mills; and consists in the general construction of parts whereby the guide-pieces are securely held and readily adjusted.

The whole guide is composed of three or more sections, A A, which are plates carrying boxes for the reception of the guides.

Each plate A has a countersunk hole, *a*, or equivalent device, to allow its being readily fastened to a supporting-bed.

The various sections are locked together by projecting tenons *b b*, which fit into recesses of the adjoining sections, as shown in fig. 2.

The boxes B B, which project from the plates A, are provided with concave inner ends, which together form a circle, as in fig. 1.

Through the top of each box B is fitted a screw, D, which has its lower part turned smaller without a thread, to form a shoulder, *c*, and which has a concave lower end.

This screw fits, with its shoulder, upon the gib E, which is placed into each box above the wooden guide F. The lower part of the screw fits through the gib, and rests on the guide. The concave end is forced with its sharp edge into the wood, to take a firm hold on the guide while the shoulder presses the gib upon the upper face of the guide.

The inner ends of the guides are also concave, to properly embrace the shaft.

Having thus described our invention,

We claim as new, and desire to secure by Letters Patent—

An adjustable guide for stamp-mills, consisting of the sectional support A, boxes B, screws D, gibs E, and wooden guides F, the screws having the shoulders *c* and the concave lower ends, when all these parts are arranged together as herein shown and described, for operation as set forth.

CHAS. A. H. RICE.
A. J. VAN DEREN.

Witnesses:

WILLARD SELLER,
WILLIAM R. KENNEDY.