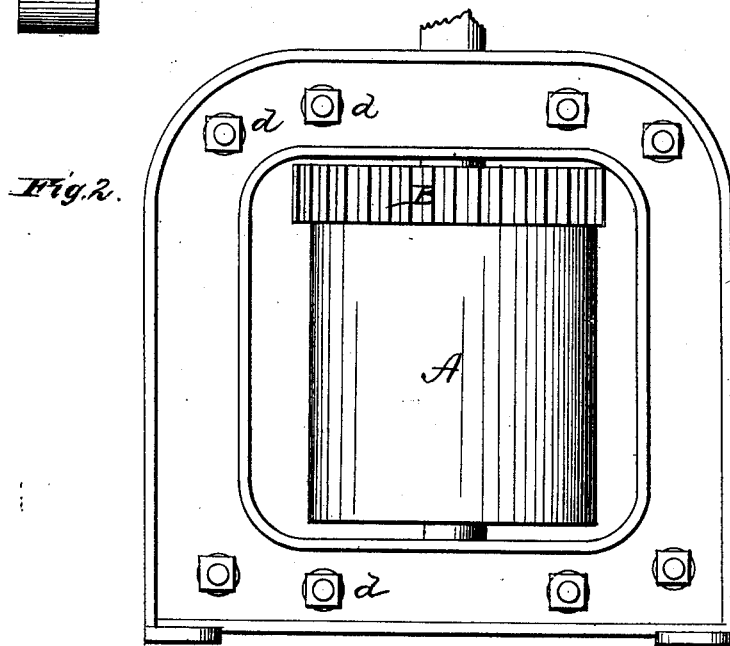
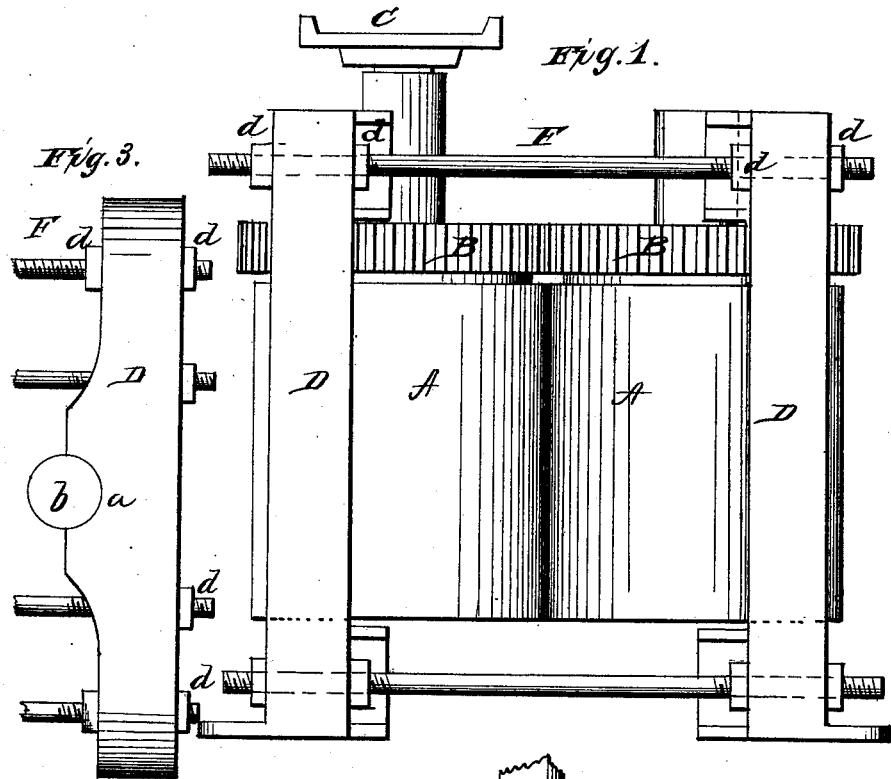


J. S. SCHOFIELD
Cane-Mill.

No. 206,622.

Patented July 30, 1878.



WITNESSES
F. L. Curand
Hankyatt

By

INVENTOR
J. S. Schofield
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Attorneys

UNITED STATES PATENT OFFICE.

JOHN S. SCHOFIELD, OF MACON, GEORGIA.

IMPROVEMENT IN CANE-MILLS.

Specification forming part of Letters Patent No. **206,622**, dated July 30, 1878; application filed June 26, 1878.

To all whom it may concern:

Be it known that I, JOHN S. SCHOFIELD, of Macon, in the county of Bibb, and in the State of Georgia, have invented certain new and useful Improvements in Sorgo or Cane Mills; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My invention relates to sorgo or cane mills; and it consists in the construction of an iron frame for such mills, it being put together with bolts having two nuts on each end for the purpose of holding the frame tightly together, and also for regulating the pressure on the rollers, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side elevation of my machine. Fig. 2 is an end view of the same. Fig. 3 is a plan view of one end thereof.

A A represent the two rollers of a sorgo or cane mill, geared together by means of cog-wheels B B, and the journal of one roller projecting above the machine, and provided with a socket or casting, *c*, to receive the operating lever or sweep.

D D represent two iron frames, of substan-

tially the form shown, and provided with half-boxes or bearings at *a*, to receive the journals *b* of the rollers. These two frames are connected together at top and bottom by means of long bolts F F, each of which has upon each end two nuts, *d d*, one on the inner and one on the outer side of the frame. By this means the two frames are held firmly together, and at the same time the pressure on the rollers is thereby easily regulated.

I am aware that the rollers in ore-mills have been adjusted by means of screw-rods passing through the journal-bearings for the rollers, and I do, therefore, not claim such, broadly, as my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a sorgo or cane mill, the combination of the two separate and independent frames D D, made of metal, and forming the half-bearings *a a*, the rollers A A, with journals *b b*, and the bolts F, with a nut, *d*, on each side of each frame, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 30th day of May, 1878.

JOHN S. SCHOFIELD.

Witnesses:

JAMES SMITH,
LUTHER B. GREER.