No. 612,932. Patented Oct. 25, 1898.

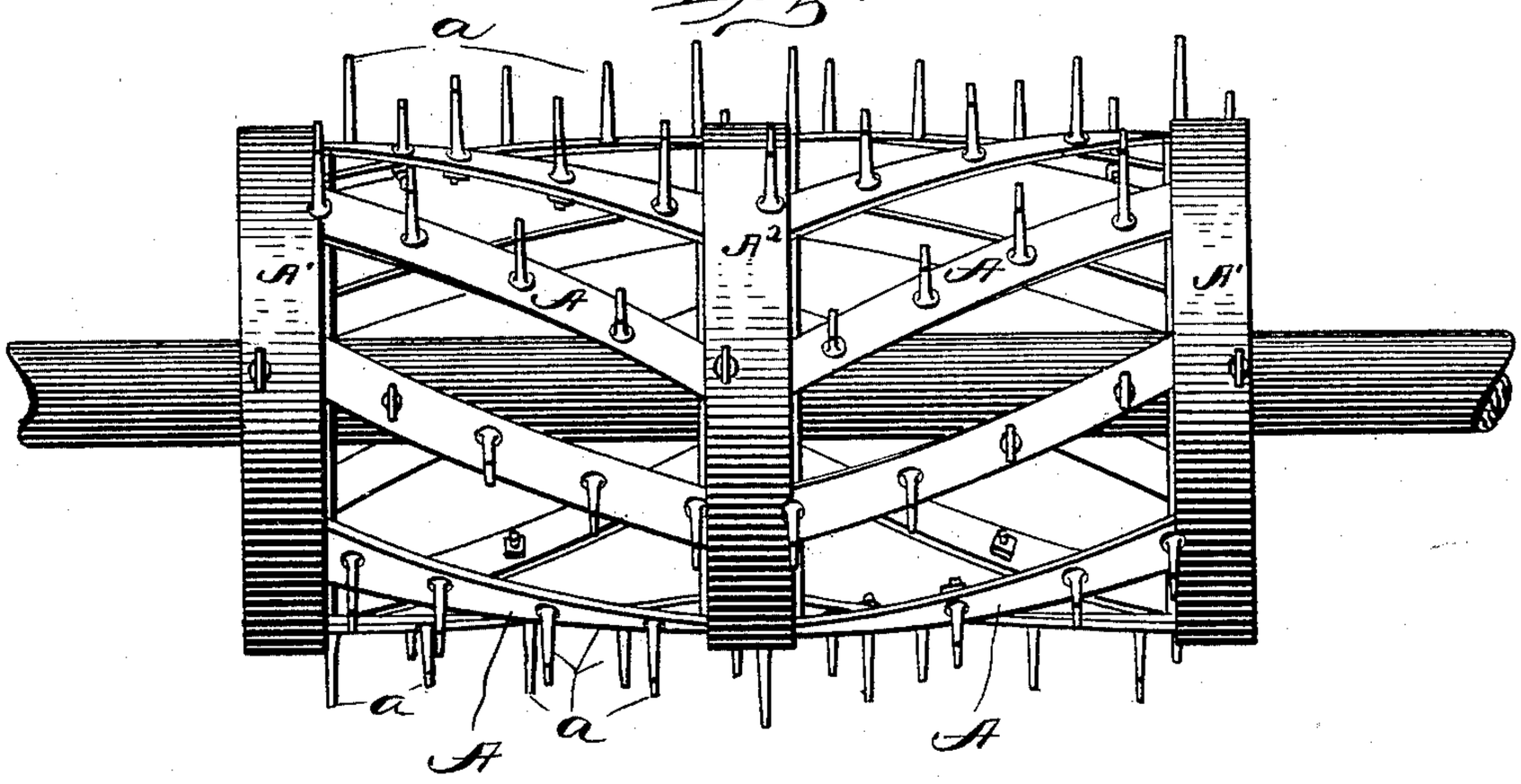
A. K. & H. S. PORTER.

THRESHING CYLINDER.

(Application filed Sept. 30, 1897.)

(No Model.)

Fig. 1.



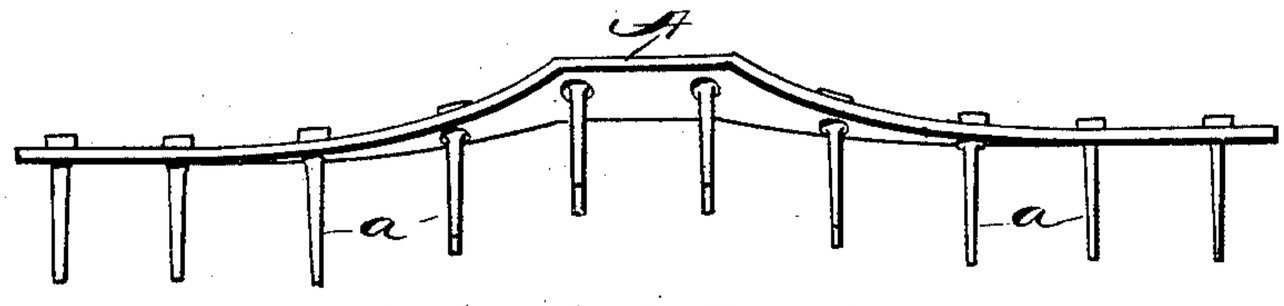
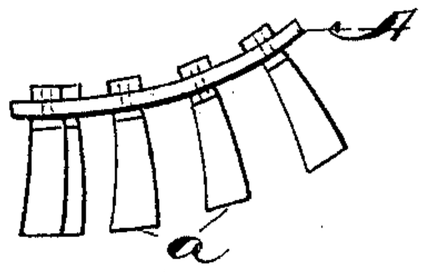


Fig. 2.



Witnesses:
J. M. Fowler Jr.
Thomas Durant.

Inventors
Abel K. Porter and
Harry S. Porter
by Church & Church,
their Attorneys

UNITED STATES PATENT OFFICE.

ABEL K. PORTER AND HARRY S. PORTER, OF QUINCY, ILLINOIS.

THRESHING-CYLINDER.

SPECIFICATION forming part of Letters Patent No. 612,932, dated October 25, 1898.

Application filed September 30, 1897. Serial No. 653,629. (No model.)

To all whom it may concern:

Be it known that we, ABEL K. PORTER and HARRY S. PORTER, citizens of the United States, residing at Quincy, in the county of Adams and State of Illinois, have invented certain new and useful Improvements in Threshing-Cylinders, of which the following is a specification.

Referring to the drawing, A′ A′ are the end bands or heads of an open skeleton threshing-cylinder, and A^2 is the central confining-band. Extending from end to end of the cylinder are the blade-bars A, bent to substantially V shape, with the apex fronting in the direction of rotation of the cylinder, carrying the blades or knives *a*, said bars being also bent to conform to the surface contour of the cylinder. The bars are held in place by the end bands A′ A′ and central band A^2. With this construction the bundles of grain fed to the cylinder will be spread out and distributed to the ends of the cylinder. Thus the grain will be more thoroughly acted on by the knives and there will be less liability of the grain passing through unthreshed, as is the case with the cylinder having the blade-bars extending straight across.

Having thus described our invention, what we claim as new is—

An open or skeleton cylinder for threshing-machines having the end bands or heads and central band, the blade-bars extending from end to end of the cylinder, bent to substantially V shape with the apex fronting in the direction of the rotation of the cylinder, and curved to conform to the surface contour of the cylinder, and having the threshing-blades; substantially as described.

ABEL K. PORTER.
HARRY S. PORTER.

Witnesses:
G. W. FREEMAN,
L. E. EMMONS, Jr.