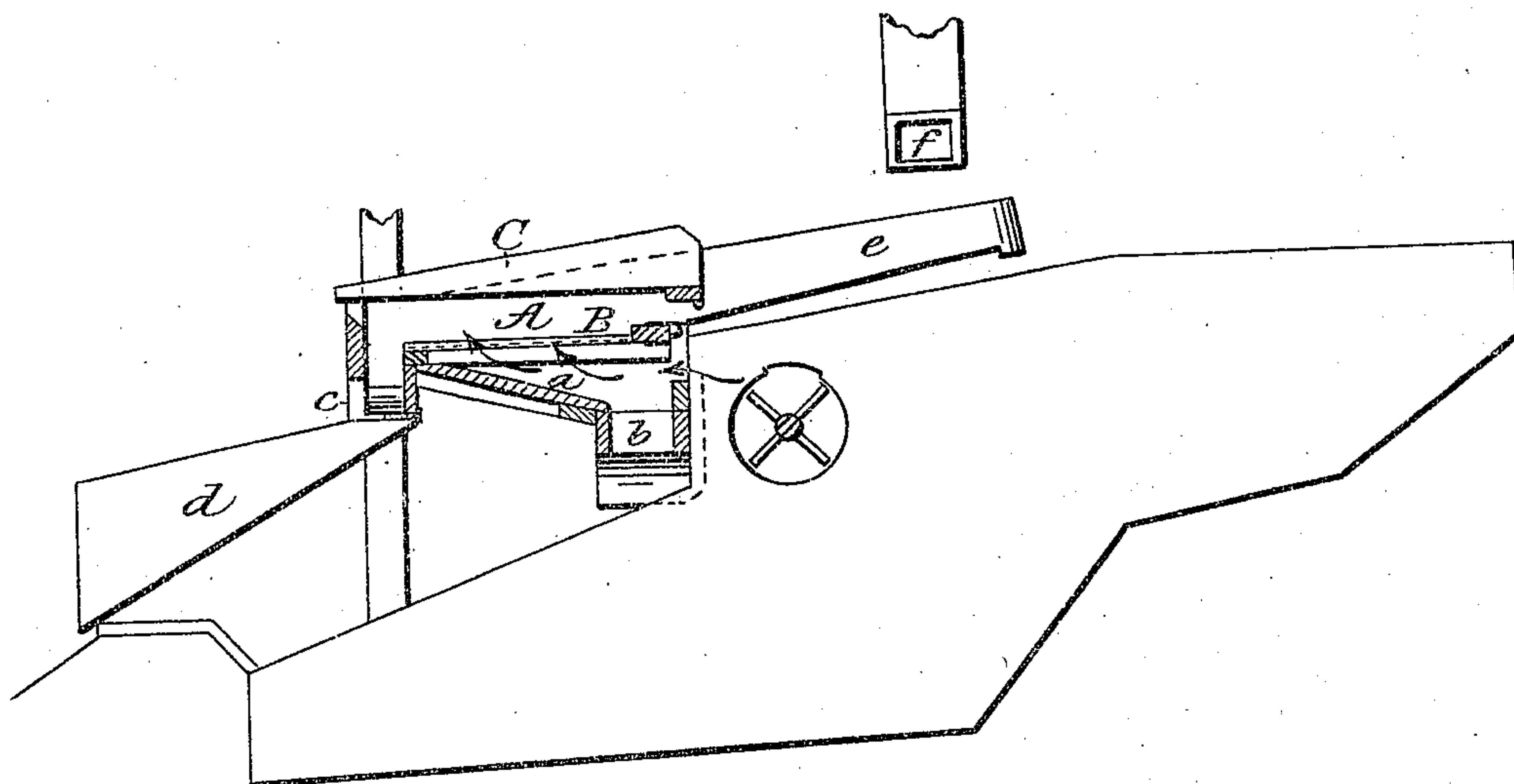


W. H. PERRY.
Thrashing Machine.

No. 96,611.

Patented Nov. 9, 1869.



Witnesses:

H. C. Ashkett
J. M. Morgan

Inventor:

W. H. Perry.
per Wm. H. Perry
Attorney

United States Patent Office.

WILLIAM H. PERRY, OF RIPLEY, OHIO.

Letters Patent No. 96,611, dated November 9, 1868.

IMPROVEMENT IN THRESHING-MACHINES.

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

To all whom it may concern:

Be it known that I, WILLIAM H. PERRY, of Ripley, in the county of Brown, and State of Ohio, have invented a new and useful Improvement in Threshing-Machines; and I 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.

This invention relates to a new and useful improvement in upper shoes for grain-threshing machines; and

It consists in a novel construction of the same, whereby the blast is made to act more efficiently upon the grain than hitherto, and the grain dispersed from smut and other light impurities which are directed from or not allowed to pass into the face of the feeder or operator, as is now the case.

The accompanying drawing represents a side sectional view of my invention.

A represents the shoe, which is provided with an inclined bottom, *a*, and a side-delivery spout, *b*.

B is a slightly-inclined screen, directly over the inclined bottom *a* and spout *b*, and *c* is a discharge-opening at the front end of the shoe, to which a discharge-spout, *d*, is connected.

C is an adjustable cover for the screen, which may

be fitted entirely over it when necessary, as, for instance, when the grain contains smut and an excess of chaff, &c.

The shoe is adjusted upon the threshing-machine, so that the blast from the fan will pass through its entire surface, as indicated by the arrows in the drawing, and when the cover is adjusted over the screen, the smut, chaff, and other light impurities will be carried off through spout *d*.

The grain is carried up from the machine by elevators, and discharged upon an inclined chute, *e*, from a spout, *f*, shown in red.

The grain is discharged from the spout *b*.

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

1. The upper shoe A of a grain-threshing machine, when provided with the inclined bottom *a*, the inclined screen B, the side-delivery spout *b*, and the discharge-opening *c*, arranged as described, for the purpose specified.

2. In combination with the above, the cover C, substantially as described, for the purpose specified.

WILLIAM H. PERRY.

Witnesses:

FR. TAYLOR LIGGETT,
JOHN BENNINGTON.