

WILLIAM T. STOUTENBOROUGH.

Improvement in Ash Sifters.

No. 115,990.

Fig. 1.

Patented June 13, 1871.

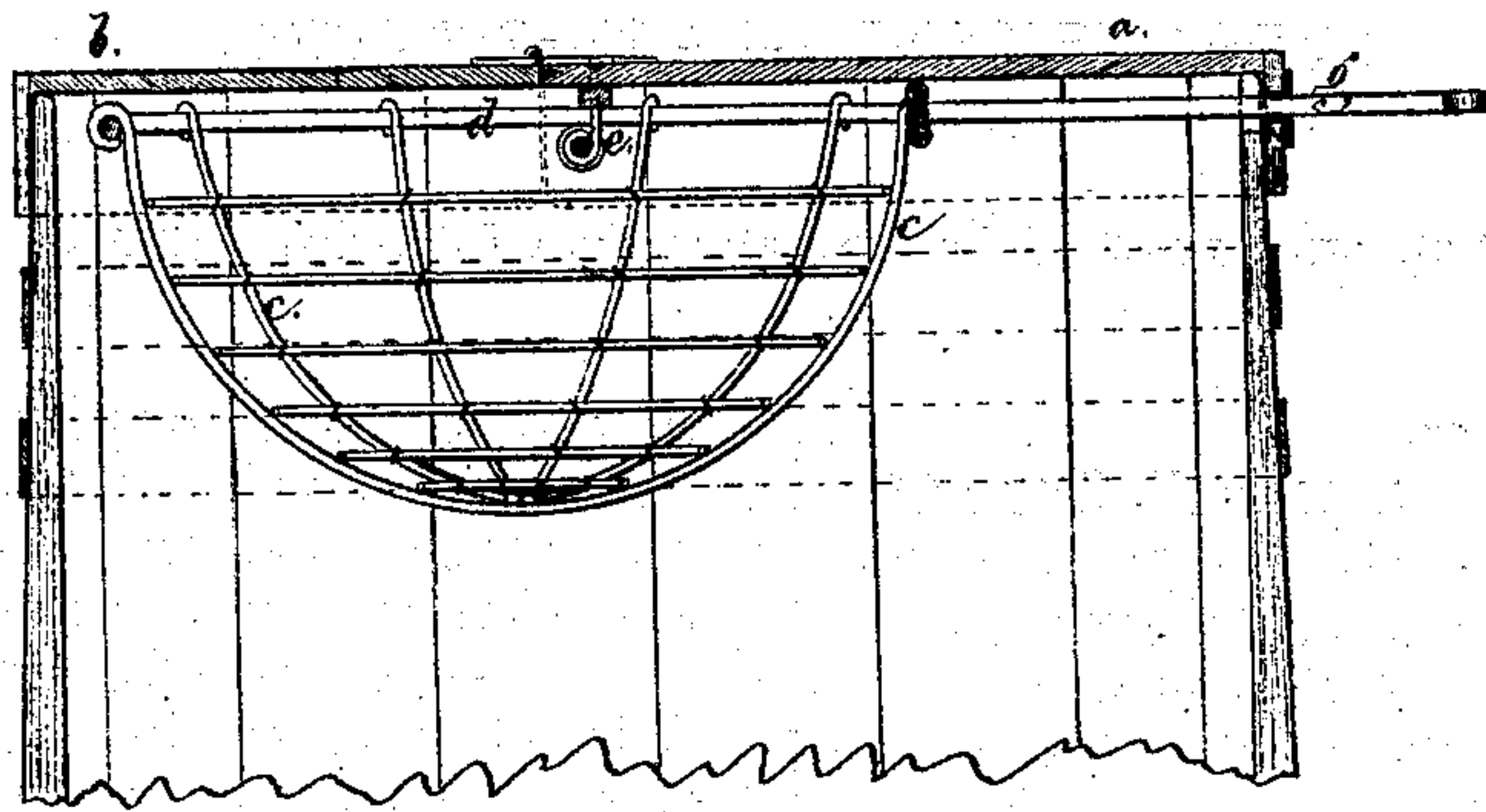
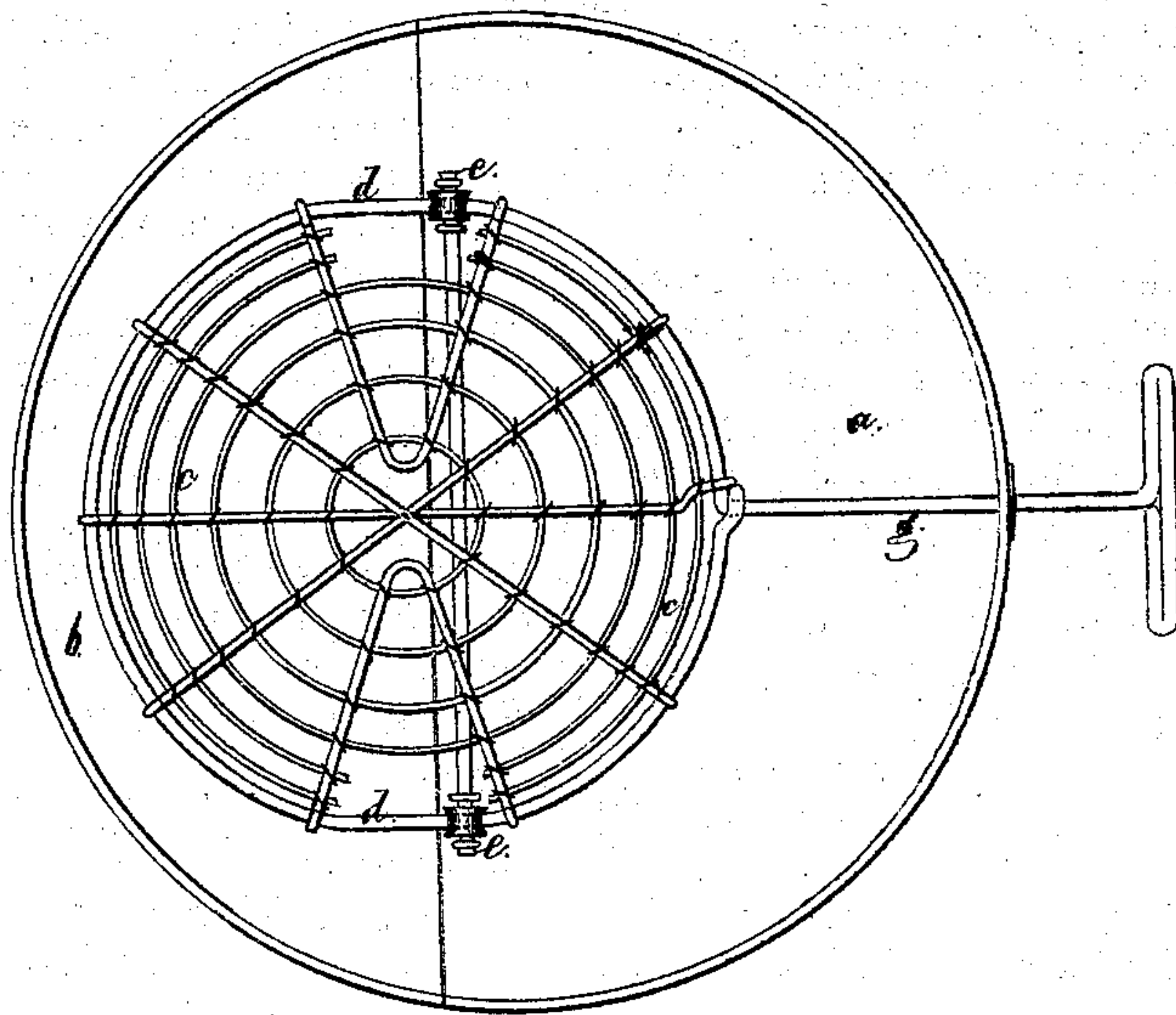


Fig. 2.



Witnesses,

Chas. A. Smith
Geo. A. Barker

W. T. Stoutenborough,
Lemuel W. Perrell atty.

UNITED STATES PATENT OFFICE.

WILLIAM T. STOUTENBOROUGH, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN ASH-SIFTERS.

Specification forming part of Letters Patent No. 115,990, dated June 13, 1871.

To all whom it may concern:

Be it known that I, WILLIAM T. STOUTENBOROUGH, of Brooklyn, in the county of Kings and State of New York, have invented an Improvement in Sifters for Ashes, &c.; and the following is declared to be a correct description of the same.

Ash-sifters have been made in which the sieve has been made of a square frame sliding within a box upon a cover adapted to an ash-barrel, but in these sifters the parts wear away rapidly or become clogged with ashes or cinders upon the slides that support the sifter. Sifters have been suspended beneath the cover by a central axis and handle to partially turn the sifter, but the centrifugal action banked the ashes toward the rim of the sifter, and there was no concussion for agitating the cinders and ashes.

My invention relates to a sifter suspended beneath a divided cover by rollers or loops, and reciprocated by means of a handle that passes out at the side beneath the cover, so that the sifter itself sits down into the barrel and the cover closes said barrel; but the sifter can be shaken to separate the fine from the coarse material, and by lifting one side of the cover the materials to be sifted can be introduced or withdrawn with facility.

In the drawing, Figure 1 is a vertical section of the sifter, and Fig. 2 is an inverted plan of the same.

The cover is made in two parts, *a* and *b*, hinged together, and of a size adapted to sit

upon the barrel or receptacle for the ashes or other sifted material. The sieve or sifter *c* is of the proper size and shape; I prefer the basket-shape shown; and near the upper parts of the sides of the sifter are the parallel bars *d d*, forming slides for the sifter, and these rest in or upon loops or supports *e e* hanging from the under side of the cover *a*. I prefer to employ grooved rollers for these supports *e e*. At one side of the sifter the handle *g* projects through the rim of the cover *a*, and by means of this handle the sifter can be rapidly reciprocated for sifting ashes or other material. By lifting the portion *b* of the cover access is had to the sifter for introducing the material to be sifted. The cover and sifter can be lifted off the barrel and tipped to empty out the cinders.

A sifter constructed in this manner is very strong, cheap, and durable, and there is no place where ashes or cinders can lodge to obstruct the free movement of the sieve.

I claim as my invention—

The divided covers *a b* hinged together, and carrying the supports *e* for the parallel bars *d* of the sieve *c*, in combination with the handle *g* that passes out through the rim of the cover *a*, as set forth.

Signed by me this 20th day of January, A. D. 1871.

W. T. STOUTENBOROUGH.

Witnesses:

CHAS. H. SMITH,
GEO. T. PINCKNEY.