

J. W. GAINES.

Improvement in Cotton-Gin Flues.

No. 130,423.

Patented Aug. 13, 1872.

Fig. 1.

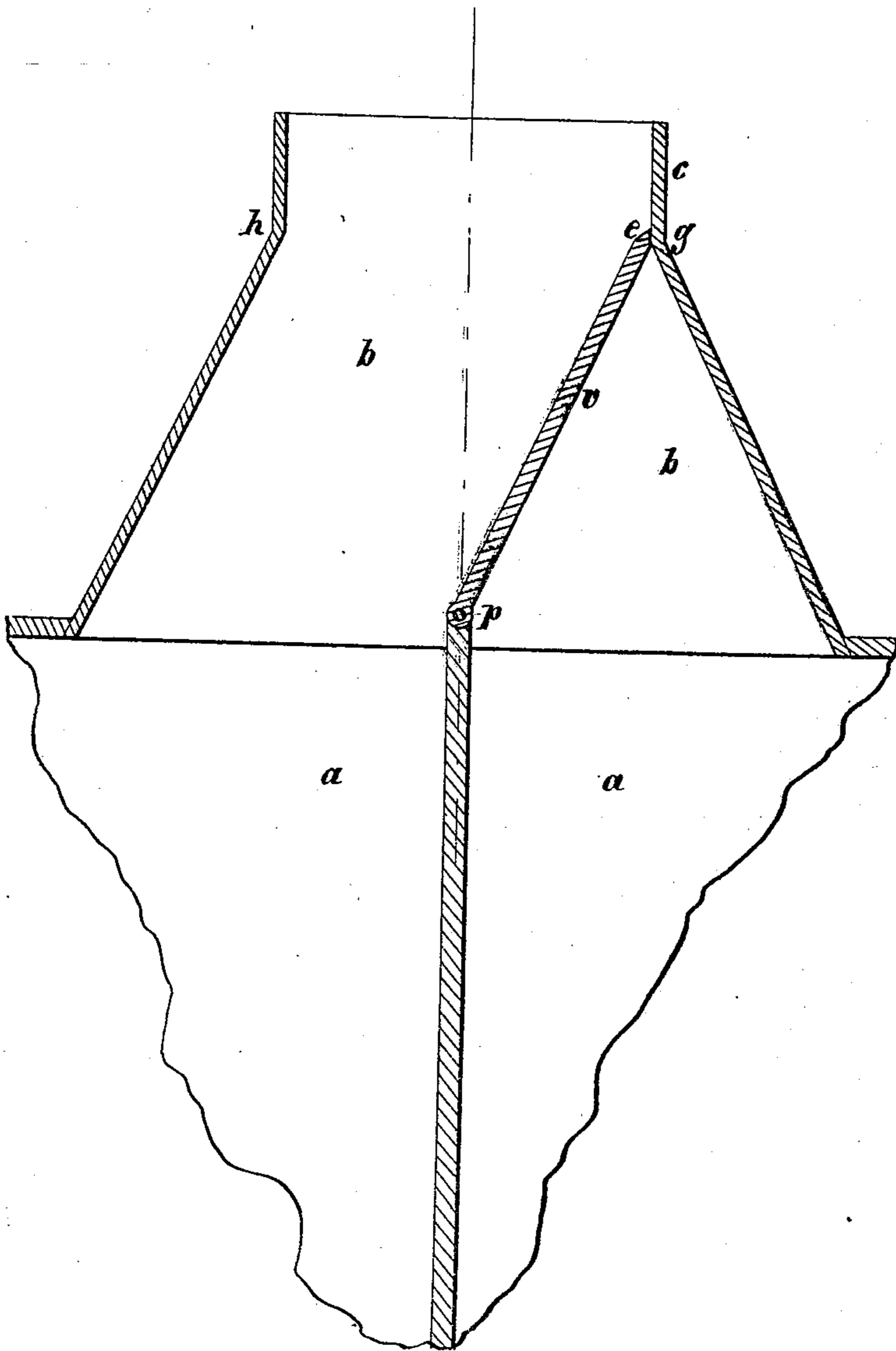
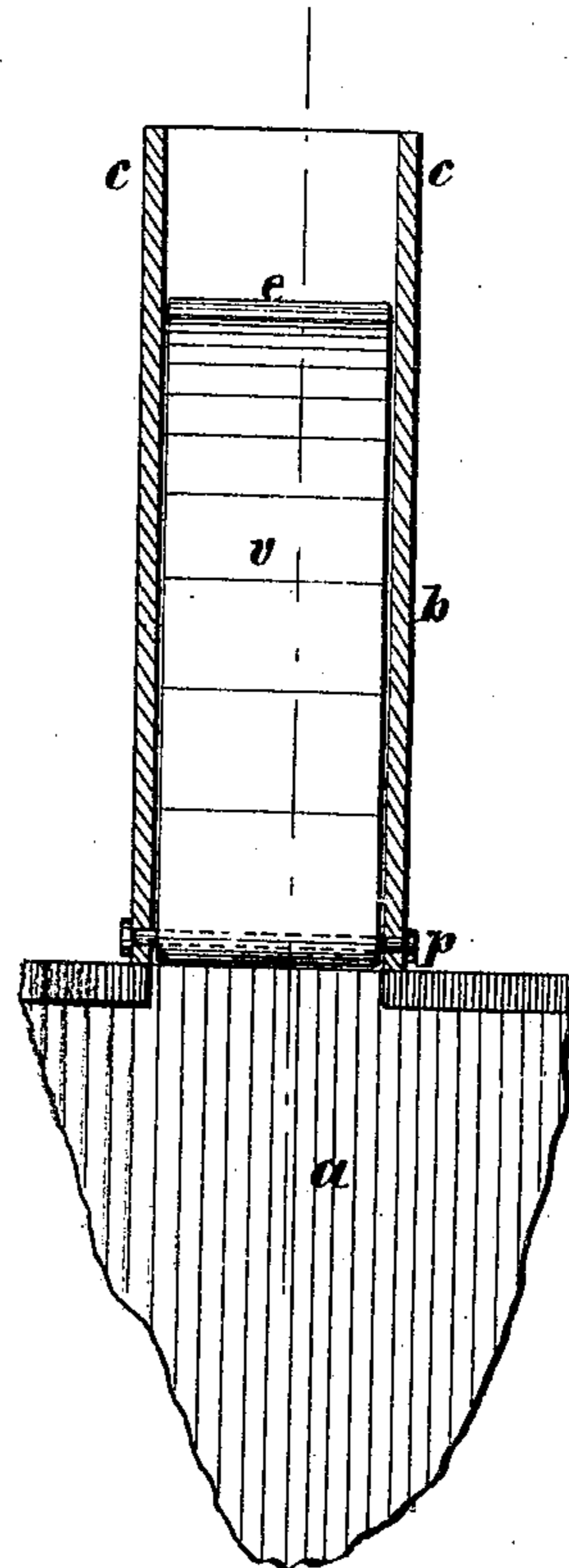


Fig. 2.



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UNITED STATES PATENT OFFICE.

JAMES W. GAINES, OF CLARKSVILLE, TEXAS.

IMPROVEMENT IN COTTON-GIN FLUES.

Specification forming part of Letters Patent No. 130,423, dated August 13, 1872.

Specification describing a new and Improved Ginning Apparatus, invented by JAMES W. GAINES, of Clarksville, in the county of Red River and State of Texas.

I propose, by the arrangement of a valve or set of valves in the flue that leads the lint-cotton from the gin-stand to the lint-room, to throw the lint-cotton into different rooms without stopping the gin.

In the ordinary way of ginning the cotton is thrown into one room, so that the gin has to stop until the cotton in the room is baled or packed. By this plan of mine the gin can be kept running; and if there are more than two rooms wanted I can use more than one valve. By having a partition in the lint-room I can throw the cotton first into one room, then into another.

In the accompanying drawing, which represents my improvement in two sectional elevations, *a a* represent the lint-rooms; *b b b*, the

flue; *c c*, the short flue attached to gin; *v*, the valve or tongue; *p*, the pin through the valve at the partition of lint-room, which holds that end of the valve fast in the middle of flue; *e*, the movable end of valve, which end of valve moves from *h* to *g* to throw the cotton in the left-hand room, and from *g* to *h* to throw the cotton in the right-hand room, as the valve shows in the drawing.

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

A valve or set of valves, in combination with a gin-flue and two or more compartments, in order to deliver the lint-cotton, as it passes from the gin, into two or more lint-rooms, as shown and described.

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Witnesses:

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