

Fig 1

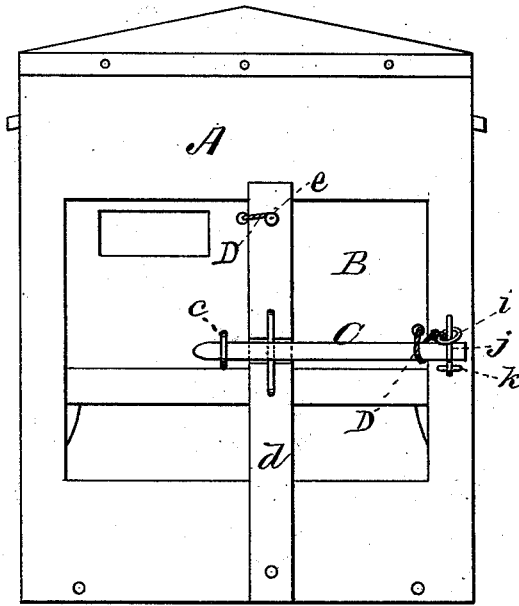
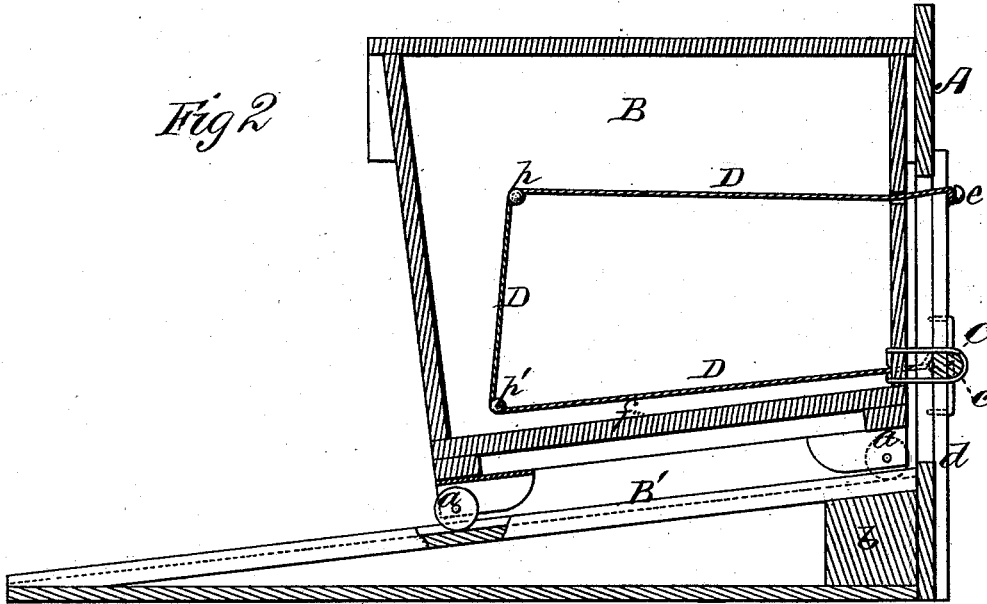


Fig 2



WITNESSES

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IMPROVEMENT IN LINT-ROOMS.

Specification forming part of Letters Patent No. **203,103**, dated April 30, 1878; application filed October 13, 1877.

To all whom it may concern:

Be it known that we, ROBERT F. BAUGHN and WILLIAM M. HARRISON, of Lexington, in the county of Holmes and State of Mississippi, have invented a new and valuable Improvement in Lint-Rooms; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of an inside view of the end wall of gin-house, showing our invention applied; and Fig. 2 is a longitudinal vertical section of the lint-room and gin-house wall.

This invention relates to means for preventing fire from being communicated from one building to another, as from a gin-house to the lint-room, or the reverse; and the nature of the invention consists in attaching the lint-room to the gin-house by means of fastenings that will be quickly consumed by the flames, so that the lint-room, being mounted upon wheels, will run down an incline plane, away from the burning gin-house, or, being itself on fire, will be removed from the gin-house, thereby saving the latter and its contents.

The principle and mechanical devices whereby this result is attained are applicable to dwelling-houses and their adjoining kitchens, and to various other buildings and their offices.

In the annexed drawings, the letter A designates the end wall of an ordinary gin-house, and B the lint-room, separate and distinct therefrom, and provided with suitable passages of communication.

The lint-room is mounted upon wheels *a*, of any suitable material and dimensions, running in grooved trackways *B'*, that incline downward from the gin-house wall A, and are supported by cross-ties *b* or other equivalent devices.

The end of the lint-room adjoining the wall is provided with a strong metallic staple, *c*, extending beyond the upright *d* of the gin-

house frame, with which the angular end of a horizontally-vibrating catch, *C*, having its fulcrum on the said upright, is adapted to engage when the said lint-room is close up against the wall A.

D indicates a hemp or other inflammable rope, one end of which is rigidly secured to a bolt or eye, *e*, at or near the upper end of the upright *d*. It is then carried through an orifice of small size in the end wall of the lint-house, diagonally across the same to a headed bolt, *p*, upon the side wall, and, being carried around the same, is extended downward to and around a second bolt, *p'*, near the floor *f*. From this point it extends to the front, through an orifice of small size in the wall aforesaid, and is provided with a metallic ring, *i*, upon its end. This end is wound around the power-arm of the latch-lever aforesaid, and its ring *i* passed over a pin, *j*, attached, so as to swing up or down, to an eyebolt or staple, *k*, upon the inside of wall A, below the said lever-latch, as shown in Fig. 1.

The tendency of the lint-house being to run down the track, the rope is always taut; and the latch-lever, straining against the coupling-pin *j*, which, by its engagement with the ring *i* on said rope, alone holds the lint-house against the gin-room. Consequently, if the rope be burned through, the house B, being freed, runs down the incline, away from the gin-house, and, carrying the flames with it, prevents the same from being communicated to it.

In lieu of the pins *p p'*, we may use eyebolts, pulleys, and other similar devices.

We do not confine ourselves to the special mode of carrying the rope to various points in the lint-room above described, as the said rope may be carried along the sides, ends, roof, or through the middle of the building. It may also be carried past one or more apertures in the walls of the lint-house, so that it may be severed at the first signs of fire, and the said lint-room caused to separate itself from the gin-house.

We claim as new and desire to secure by Letters Patent—

The combination, with the gin-house A,

tracks B', and a wheeled lint-room, B, of the rope D, extending through, across, or around the said lint-room, secured at one end to the gin-house, and passing through the lint-room, the ring *i*, the staple *e*, the latch-lever C, and coupling-pin *j*, substantially as specified.

In testimony that we claim the above we

have hereunto subscribed our names in the presence of two witnesses.

ROBERT F. BAUGHN.
WILLIAM M. HARRISON.

Witnesses:

J. M. WEST,
W. W. HOSKINS.