

(No Model.)

2 Sheets—Sheet 1.

C. H. MERRY.

DEVICE FOR HANDLING COTTON.

No. 260,493.

Patented July 4, 1882.

Fig. 1.

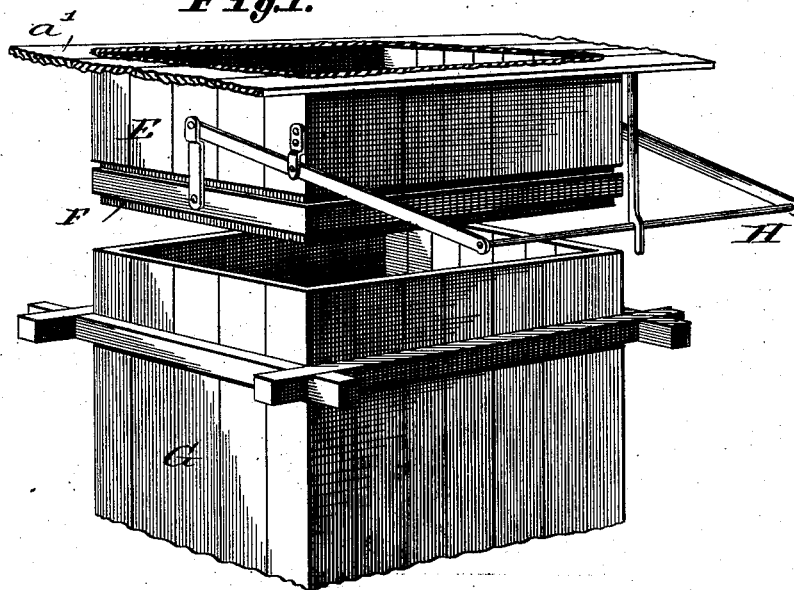
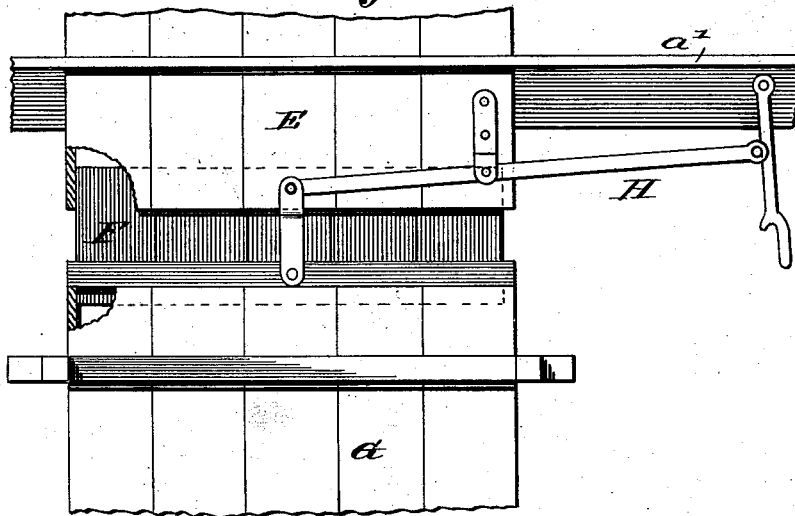


Fig. 2.



Attest:
Wm. Sanford
Charles Pickles

Inventor:
Charles H. Merry.
by C. D. Moody atty

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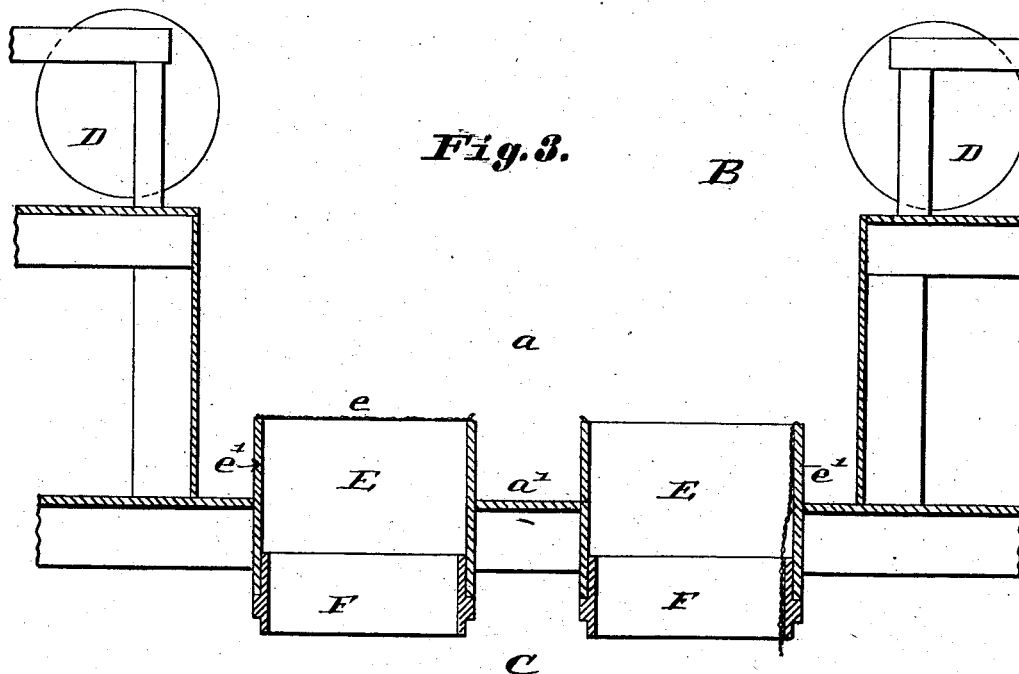
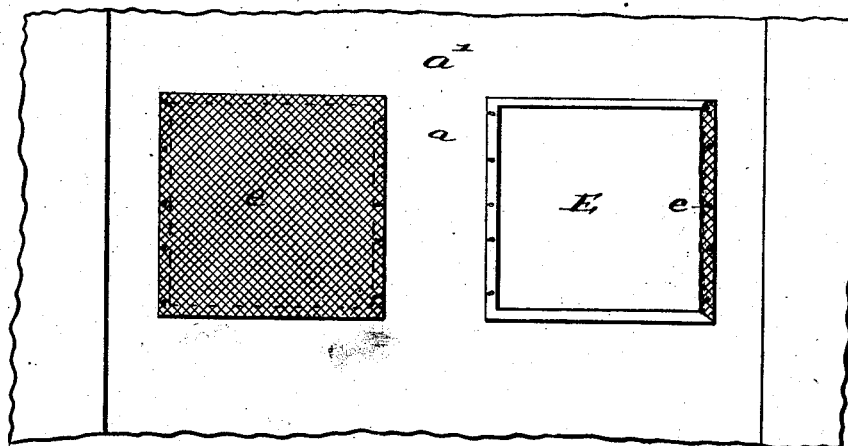


Fig. 4.



Attest:
Charles H. Merry
Charles Pickles

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Charles H. Merry
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att'y

UNITED STATES PATENT OFFICE.

CHARLES H. MERRY, OF NEW ORLEANS, LOUISIANA.

DEVICE FOR HANDLING COTTON.

SPECIFICATION forming part of Letters Patent No. 260,493, dated July 4, 1882.

Application filed May 15, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. MERRY, of New Orleans, Louisiana, have made a new and useful Improvement in Devices for Handling Cotton, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is a view in perspective, showing the upper end of a baling-case and the parts used in connecting the case with the floor above; Fig. 2, a side elevation of the parts shown in Fig. 1, the joint being closed; Fig. 3, a vertical transverse section taken through the floor above the baling-cases; Fig. 4, a plan of the parts shown in Fig. 3.

The same letters denote the same parts.

I have heretofore, July 20, 1880, patented an improvement in handling cotton, a portion whereof relates to a building having a series of cotton-gins, the gins being upon an upper floor and the cotton being discharged from the gins through the floor into a series of baling-cases beneath. The construction referred to is thoroughly practicable; but to provide a better means for delivering the cotton from the gins into the baling-cases, and to prevent its being wasted in its descent into the cases, and becoming an annoyance to the operatives about the cases, are the aim of the present improvement, which relates to the construction of the floor above named, and to the means used in connecting the floor and baling-cases.

In the annexed drawings, A represents the floor separating the gin-room B from the baling-room C. The positions of the gins are indicated by the circles D D. They are arranged in substantially the same way as in the original construction—that is, in two series along the opposite sides, respectively, of the gin-room. In place, however, of delivering the product of the gins onto inclined movable aprons, and allowing it thence to slide off into the baling-cases, and having open spaces between the aprons through which the loose cotton might fall, the floor A has a depression, *a*,

wherein the cotton is received from the gins, and from the depression the cotton is delivered to the baling-cases through hatchways E E—that is, the floor *a'* of the depression *a* has no opening therein saving at the hatchways, and the latter are closed by suitable hatches or covers, such as *c*, saving when the baling-cases are in position beneath the hatchways. The coamings *c'* of the latter extend upward suitably to form a guard for the operatives and to keep the cotton from falling in when not desired.

Upon the under side of the floor *a'*, instead of the baling-cases being simply brought into line with the openings in the floor above, and leaving more or less of an opening around the top of the case between the top of the case and the floor, the hatchways are provided with sliding joints, such as shown at F, Figs. 1, 2, and 3, the upper end of the joint being made to fit the hatchway and the lower end being made to fit the baling-case G, and when the baling-case is beneath the hatchway, and it is desired to deliver the cotton into the case, the joint F is let down, forming a close connection between the hatchway and case, as shown in Fig. 2, whereupon the case can be filled with-out waste or annoyance. After filling the case the joint, by means of a suitable lever, H, is raised out of the way, as shown in Fig. 1.

I claim—

1. The hatchway E, having the sliding joint F, for the purpose described.
2. The combination of the floor *a'*, the hatchway E, the sliding joint F, and the baling-case G, substantially as described.
3. The floor A, having the depression *a*, and the hatchways E E, substantially as described.
4. The combination of the hatchway E, the baling-case G, and a connection for closing, when desired, the joint between the hatchway and case.

C. H. MERRY.

Witnesses:

C. D. MOODY,
T. L. JONES.