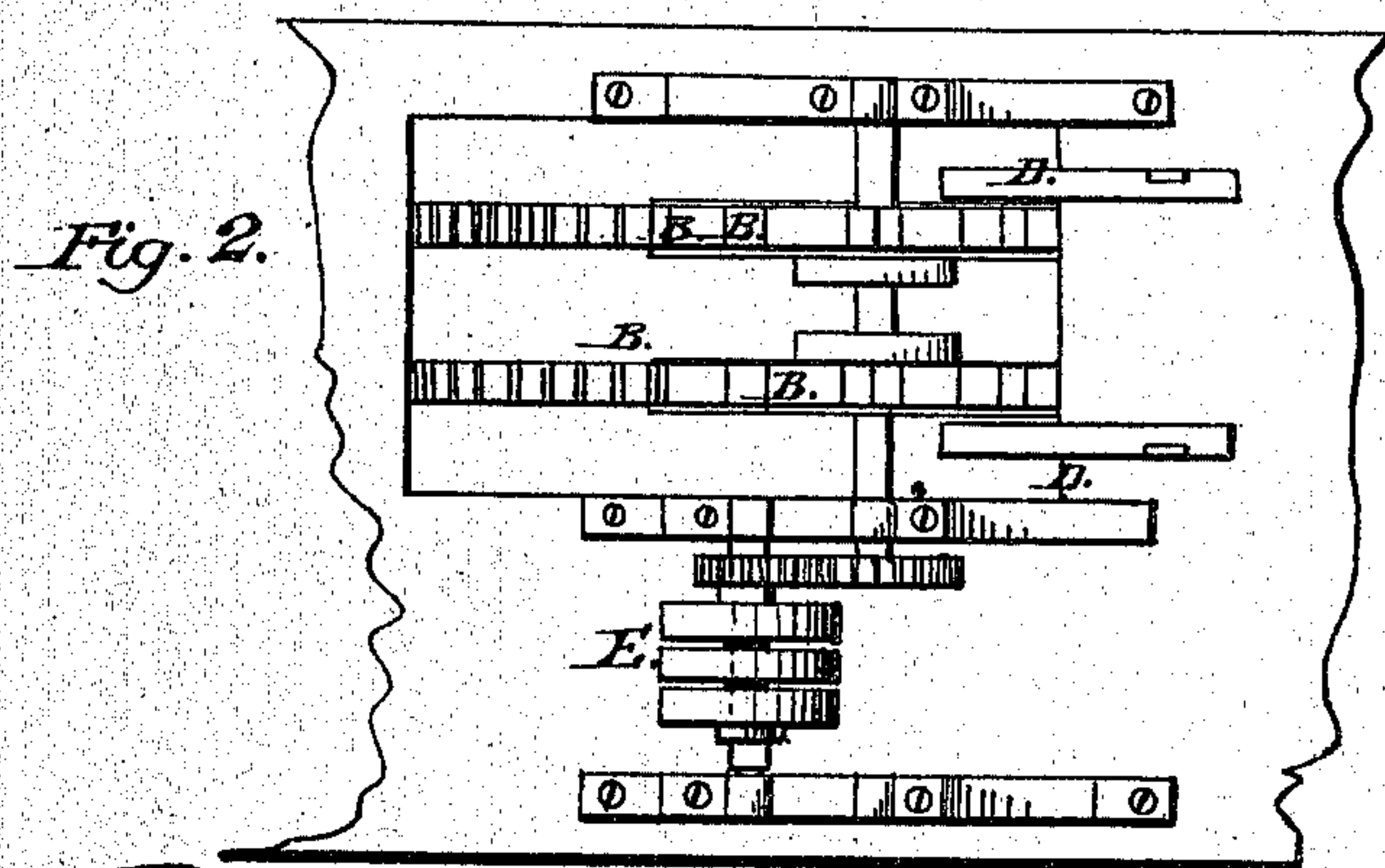
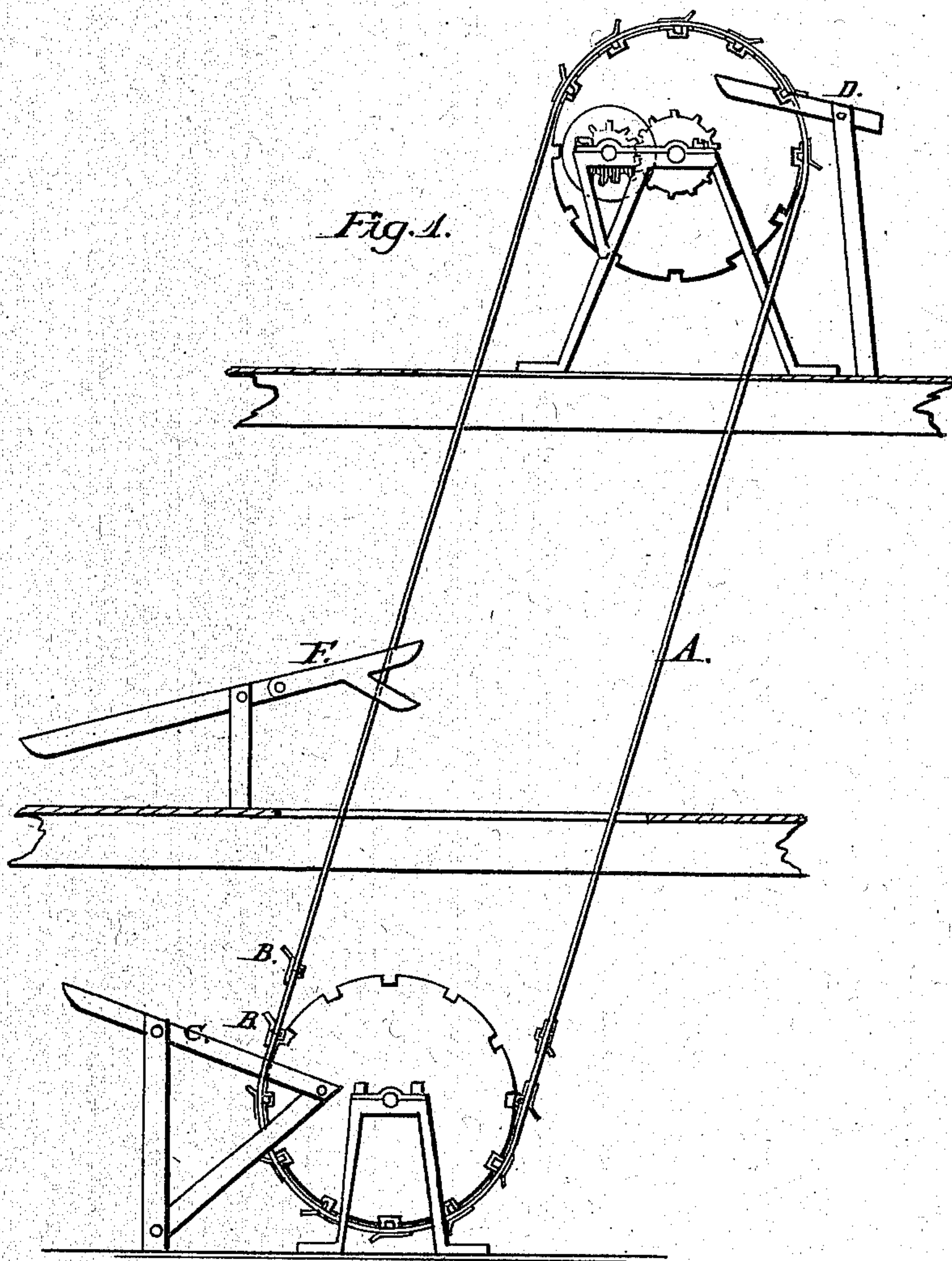


G. ROBINSON.
TOBACCO ELEVATOR.

No. 97,702.

Patented Dec. 7, 1869.



Witnesses:

O. Vinchman
Jno. E. Brooks

Inventor:

G. Robinson
Per.
Wm. B. atty

United States Patent Office.

G. ROBINSON, OF LOUISVILLE, KENTUCKY.

Letters Patent No. 97,702, dated December 7, 1869.

IMPROVED TOBACCO-ELEVATOR.

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, G. ROBINSON, of the city of Louisville, in the county of Jefferson, and State of Kentucky, have invented a new and improved Tobacco-Elevator; 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 drawing, forming part of this specification.

The invention relates to elevating-apparatus, for elevating or lowering tobacco in warehouses, whereby it is designed to provide a simple and convenient apparatus, adapted for carrying the tobacco up or down, while suspended in "bunches" or "hands" on the racking-sticks.

Figure 1 represents an elevation of my improved apparatus.

Figure 2 represents a plan of the top of the same.

Similar letters of reference indicate corresponding parts.

A represents a pair of endless belts, working side by side, over pulleys, in the ordinary way, and running from bottom to top of the building.

On these elevators I provide the sheet-metal hooks B, and adjust the belts so that the hooks of each belt will be in the same horizontal planes.

At the bottom of the elevator I place the rack C, one to each belt, inclining downward toward them,

and at the top I place the delivery-racks D, inclining downward from the belts.

The "hands" of tobacco to be elevated are placed on the supplying-racks C, so that the ends of the sticks will slide along down toward the belts, whereby they will be taken up, one at a time, by the hooks on the elevators, and be similarly delivered at the top by the racks D.

For lowering the tobacco in a similar way, the belts are run in opposite directions, for which the driving-shaft is provided with suitable fast and loose pulleys E, for changing the motion by the use of one straight and one crossed belt; and discharging-jacks F are provided on the several floors, inclining downward from the belt, while the upper or supplying-jacks are suitably adjusted for supplying the tobacco to the belts.

The suspending hands or bunches of the tobacco are so disposed on the sticks as to be carried between the belts.

Having thus described my invention,

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

The combination, with a pair of endless elevators, provided with hooks B, of the supplying and discharging-jacks, substantially as specified.

Witnesses:

G. ROBINSON.

G. H. SLATER,
S. F. CHIPLEY.