

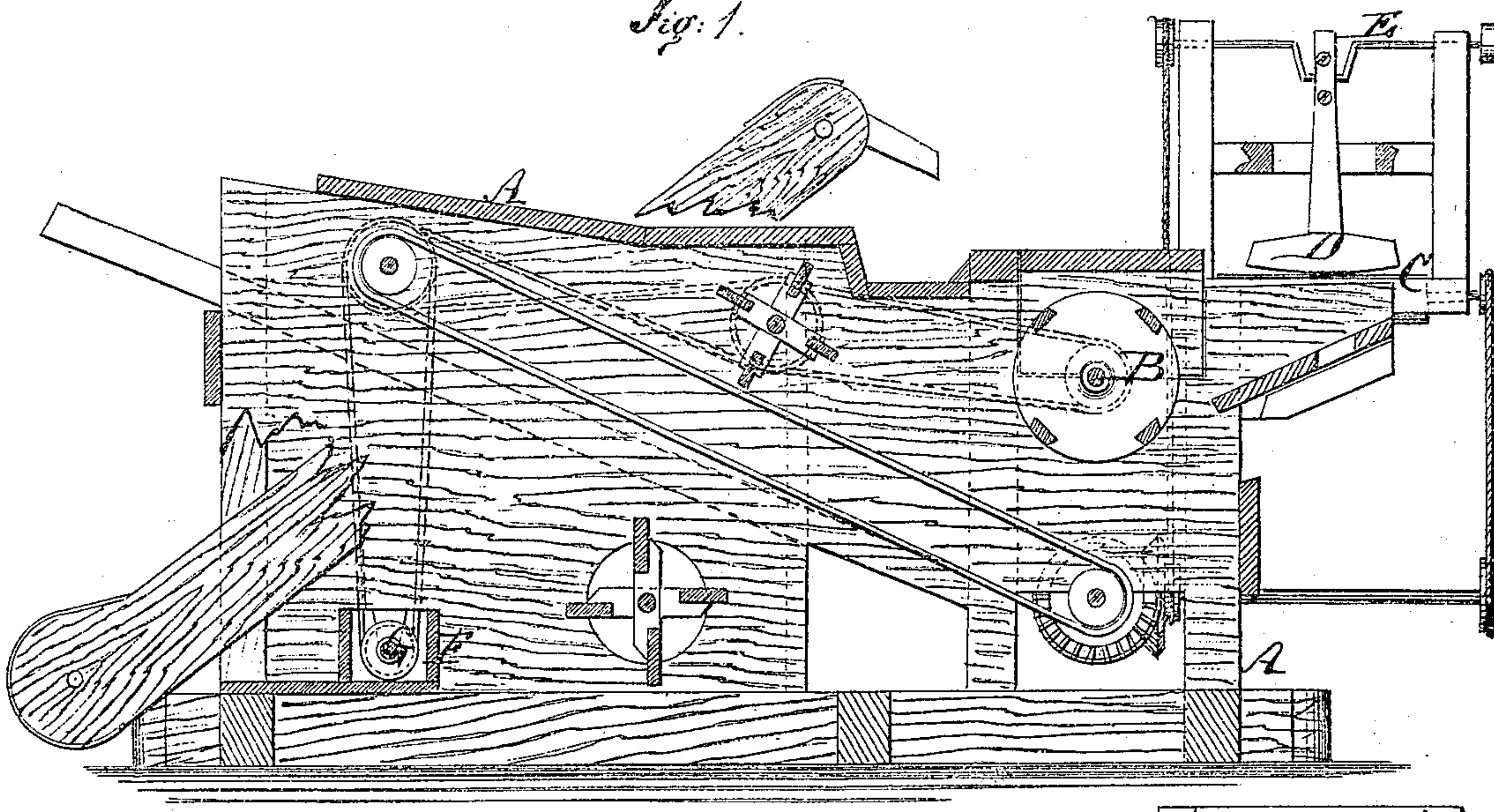
WILLIAM H. BASSETT.

Improvement in Thrashing and Separating Machines.

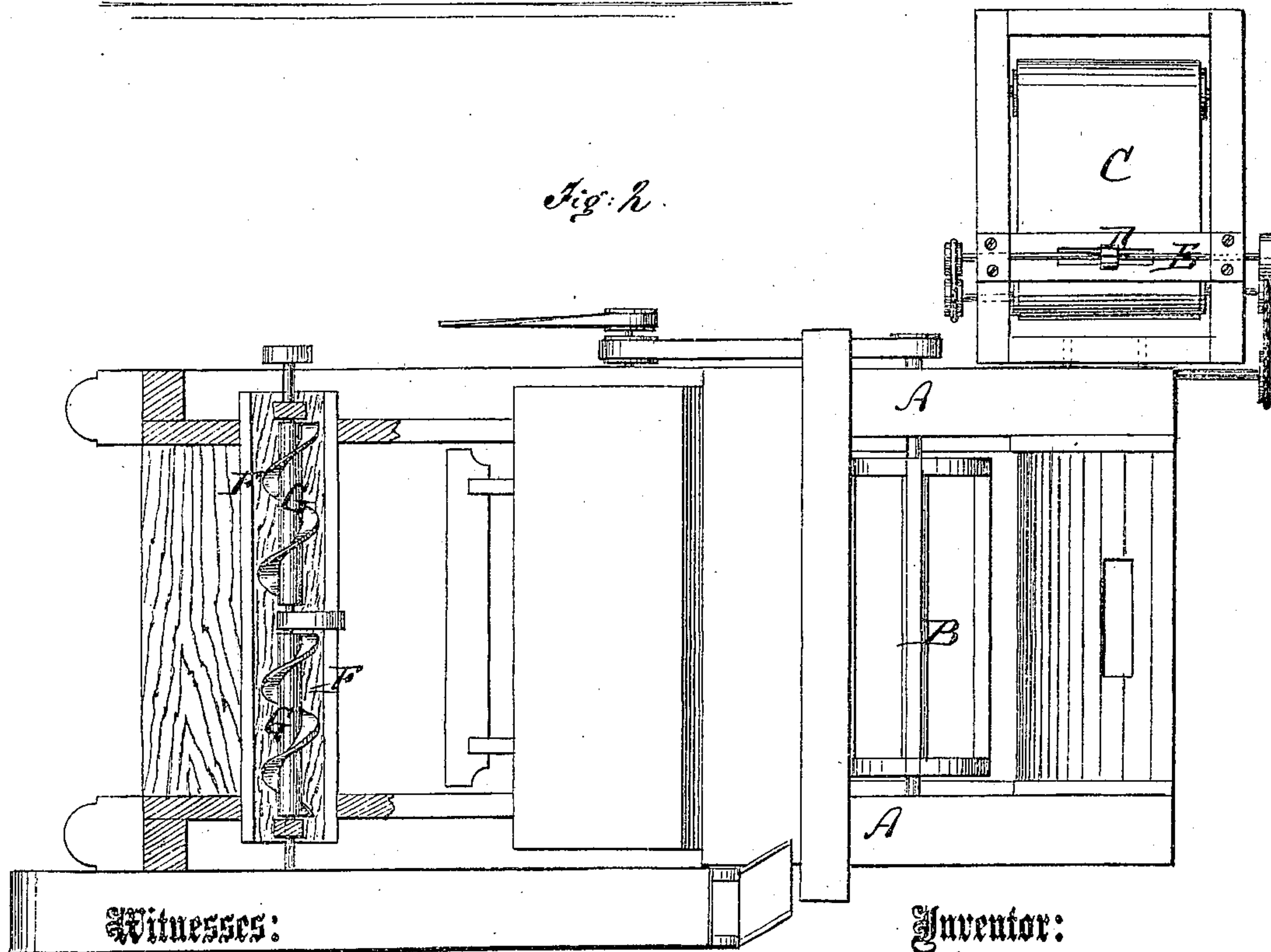
No. 128,006.

Patented June 18, 1872.

*Fig: 1.*



*Fig: 2.*



Witnesses:

*Chas. Nida.*  
*Geo W. Mabae*

Inventor:

*W. H. Bassett*

PER

*Mumford*

Attorneys.

# UNITED STATES PATENT OFFICE.

WILLIAM H. BASSETT, OF BURLINGTON, KANSAS.

## IMPROVEMENT IN THRASHING AND SEPARATING MACHINES.

Specification forming part of Letters Patent No. 128,006, dated June 18, 1872.

Specification describing a new and useful Improvement in Thrashing-Machines and Grain-Separators, invented by WILLIAM H. BASSETT, of Burlington, in the county of Coffee and State of Kansas.

Figure 1 represents a sectional side view of my invention. Fig. 2 is a top view of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new self-feeding and band-cutting attachment to thrashing-machines, and to a new arrangement of discharge-screw for the separator, with the object of saving help in the operation of such machine.

A in the drawing represents the frame of a thrashing-machine. B is the thrashing-cylinder of suitable construction. C is a feed-belt for conveying the sheaves of grain to the thrashing-cylinder. This belt can be applied to either side of the frame A. D is a reciprocating knife, suspended above the feed-belt C from a crank-shaft, and made to move up and down during the motion of the belt. This knife D serves to cut the bands of the sheaves of grain that are conveyed to the thrashing-machine. Motion is imparted to the crank-shaft E by a suitable belt from the driving

mechanism. The grain, after having passed the thrashing-machine and grain-separator, is finally discharged into a transverse trough, F, in which there are two screws, G G, as in Fig. 2. When these two screws are both turned in the same direction they will both serve to discharge the grain at one end of the trough. But when the thrashing-machine operates with great rapidity, so that one person cannot attend to all the grain that is discharged from it, the screws G G are revolved in opposite directions and separate the stream of grain, discharging equal quantities at both ends of the trough.

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

1. The reciprocating band-cutter D, arranged above and in combination with the feed-belt C, as set forth.

2. The two discharge-screws G G, arranged within the discharge-trough F, as specified.

WILLIAM H. BASSETT.

Witnesses:

ORLANDO WALKING,  
JAMES REDMOND.