

No. 753,540.

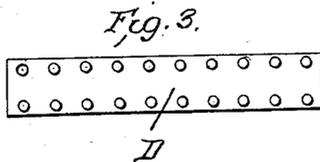
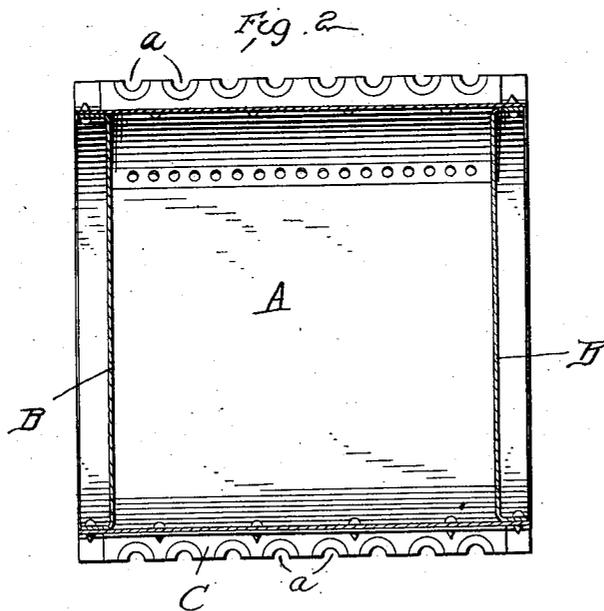
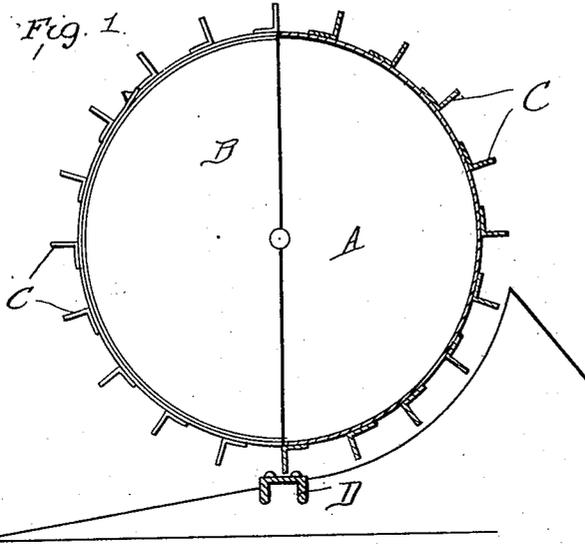
PATENTED MAR. 1, 1904.

W. BURKE.

MACHINE FOR WORKING OLD PAPER STOCK.

APPLICATION FILED NOV. 6, 1902. RENEWED AUG. 11, 1903.

NO MODEL.



Attest:
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UNITED STATES PATENT OFFICE.

WILLIAM BURKE, OF EAST STROUDSBURG, PENNSYLVANIA.

MACHINE FOR WORKING OLD PAPER-STOCK.

SPECIFICATION forming part of Letters Patent No. 753,540, dated March 1, 1904.

Application filed November 6, 1902. Renewed August 11, 1903. Serial No. 169,155. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM BURKE, a citizen of the United States, residing at East Stroudsburg, Pennsylvania, have invented certain new and useful Improvements in Machines for Working Old Paper-Stock, of which the following is a specification.

My invention is designed as an improvement in machines for working over old paper-stock, and relates especially to the construction of the drum and base-plate adapted to effectually tear up the stock subjected to the beater.

In the accompanying drawings I have shown in Figure 1 an elevation of the drum and bed-plate with the shell of the receptacle broken away. In Fig. 2 I have illustrated a sectional view of the drum, taken longitudinally, and in Fig. 3 a plan view of the bed-plate.

My improved drum is constructed, as shown in Figs. 1 and 2, of sheet metal, forming a cylinder A, and with stiffening-heads B, suitably riveted to the drum. At intervals, extending lengthwise to the periphery, I provide angle-irons C. The projecting portions of these angle-irons, extending radially from the periphery, are provided with a series of recesses, as at *a*, Fig. 2, and these recesses are adapted to cooperate with corresponding projections extending from the bed-plate D, suitably supported within the shell.

A plan view of the bed-plate is shown in Fig. 3. This is supported centrally beneath the drum, and in the rotation of the drum the stock fed thereto is thoroughly divided and disintegrated.

What I claim is—

1. In a machine of the class described, a drum, flanges projecting from the periphery thereof and recessed, and a bed-plate having projections corresponding to the recesses, substantially as described.

2. In a machine of the class described, a drum, flanges projecting therefrom, recessed along their edges and a bed-plate arranged centrally beneath the drum and having a double row of projections cooperating with the recesses, substantially as described.

3. In a machine of the class described, a drum, flanges disposed longitudinally on the surface thereof having each a plurality of recesses in their outer edges, and a bed-plate beneath the drum having a plurality of projections in line with the recesses in the flanges, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM BURKE.

Witnesses:

WILMER D. LAUTERMAN,
B. F. KISTER.