

No. 753,540.

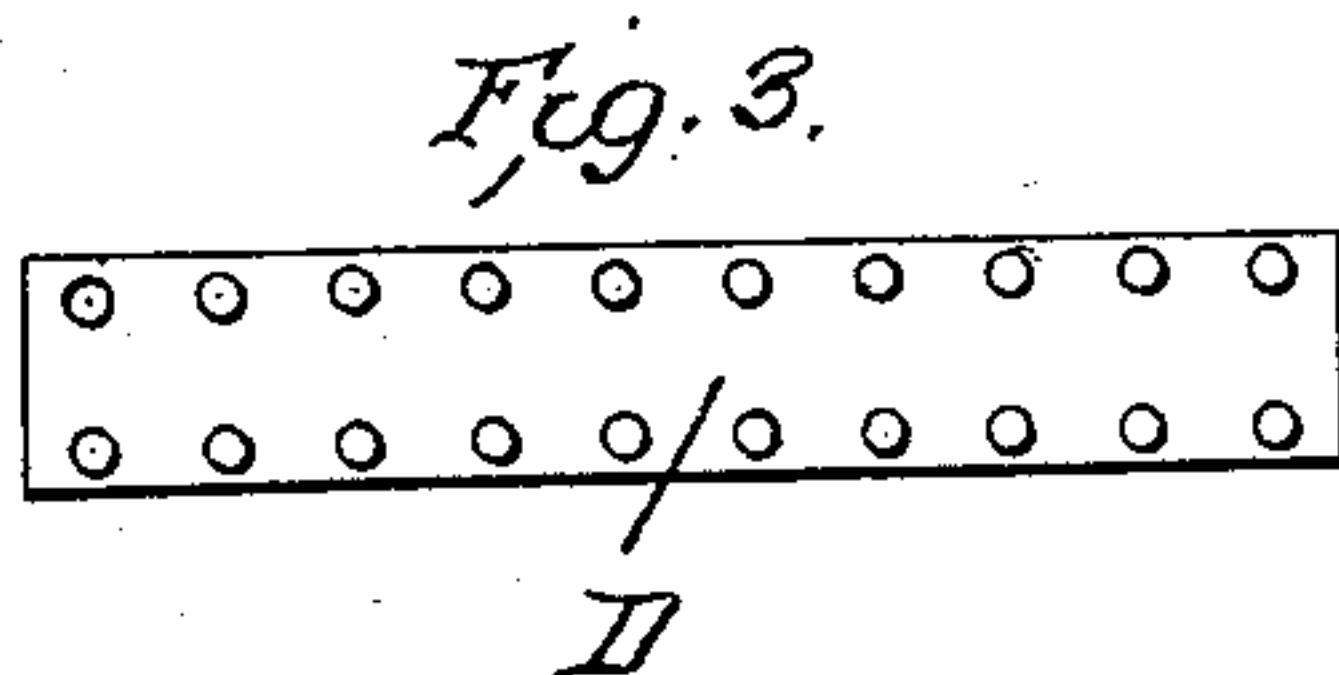
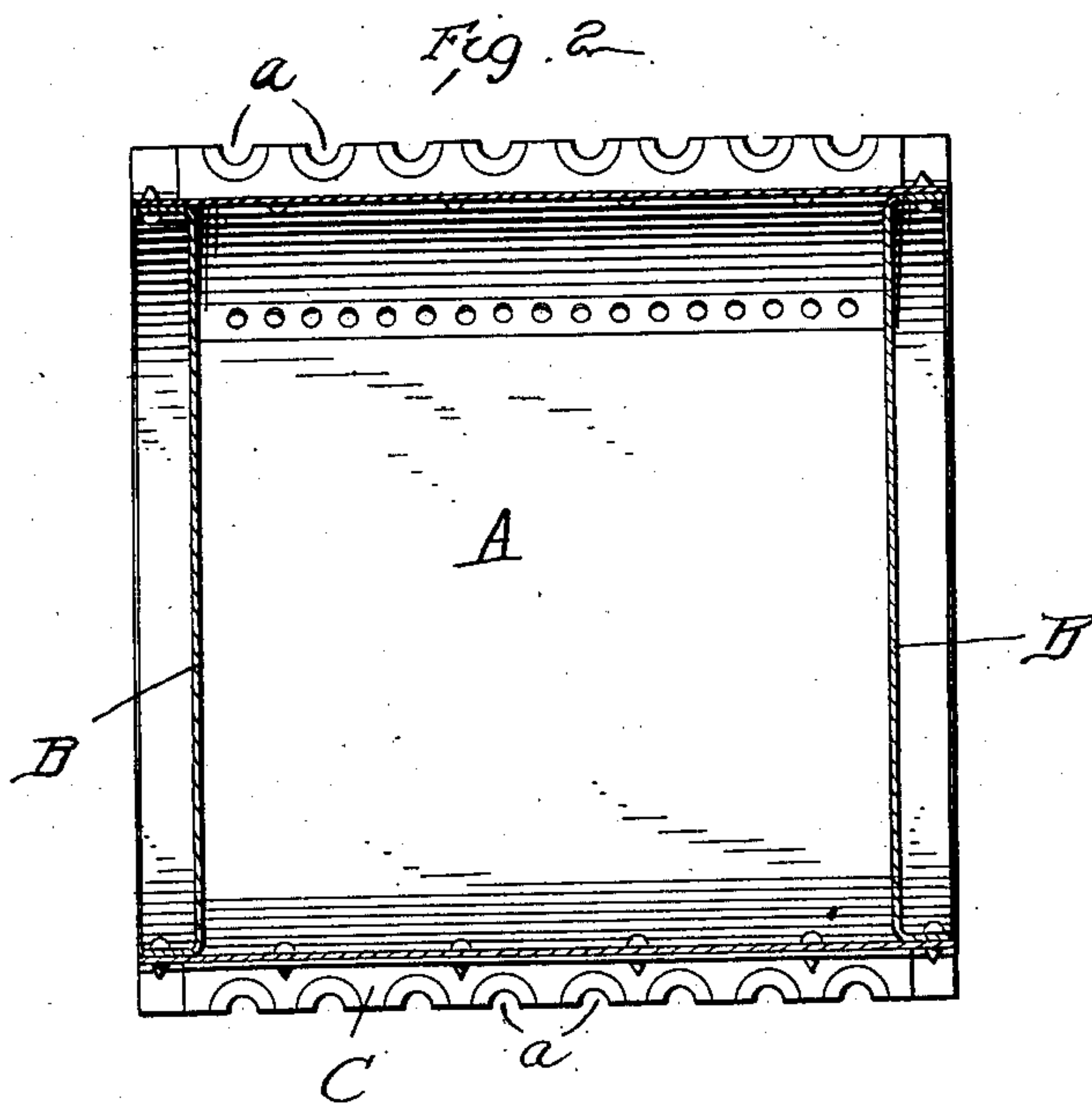
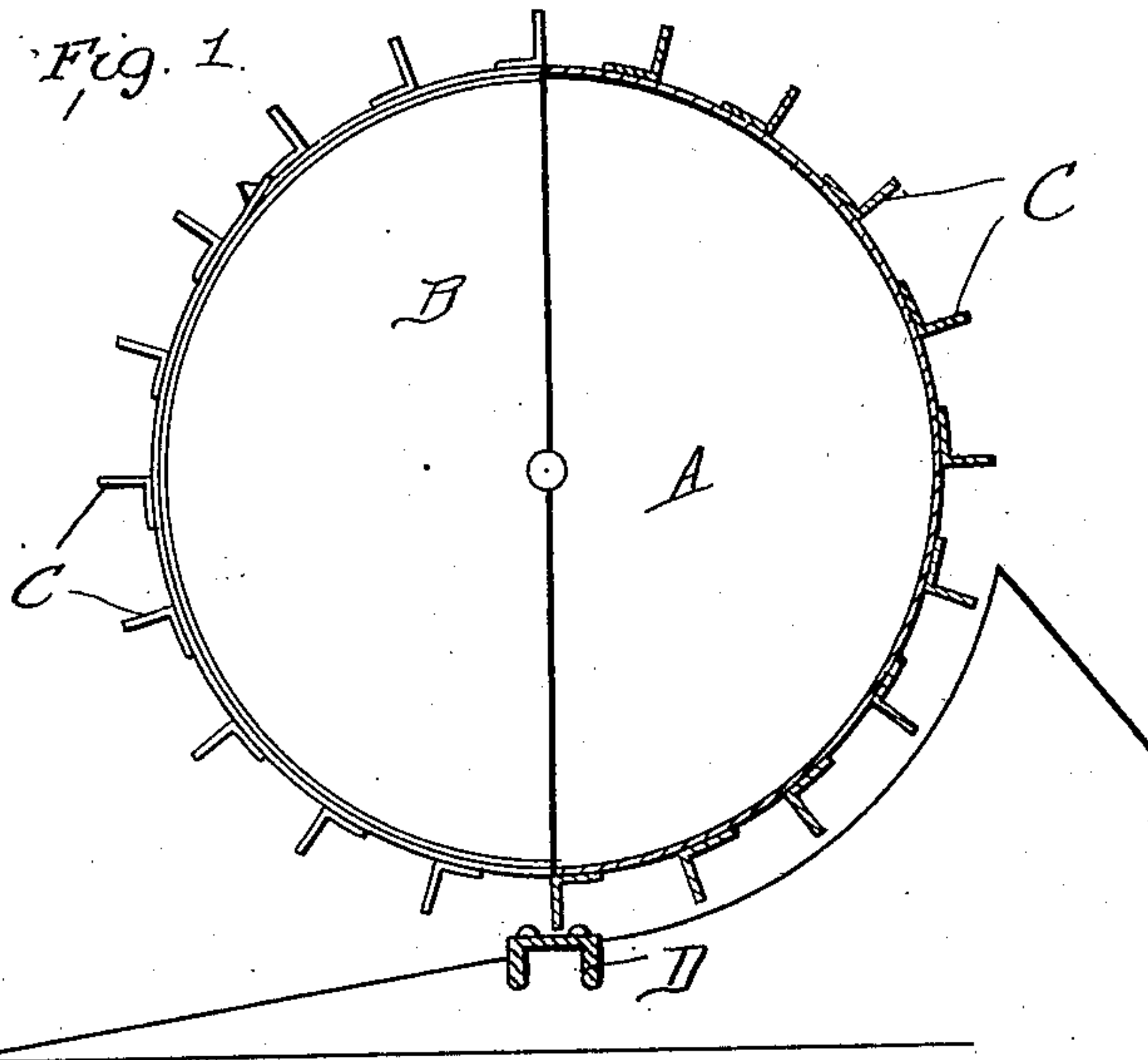
PATENTED MAR. 1, 1904.

W. BURKE.

MACHINE FOR WORKING OLD PAPER STOCK.

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

NO MODEL.



Attest:  
Edw. L. Reed  
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Inventor  
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ATTY'S

# 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.