

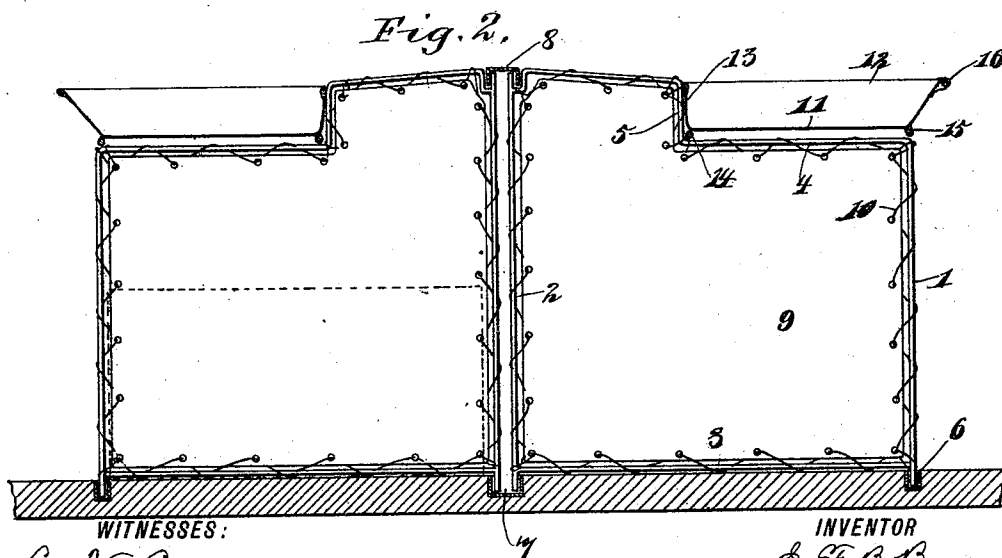
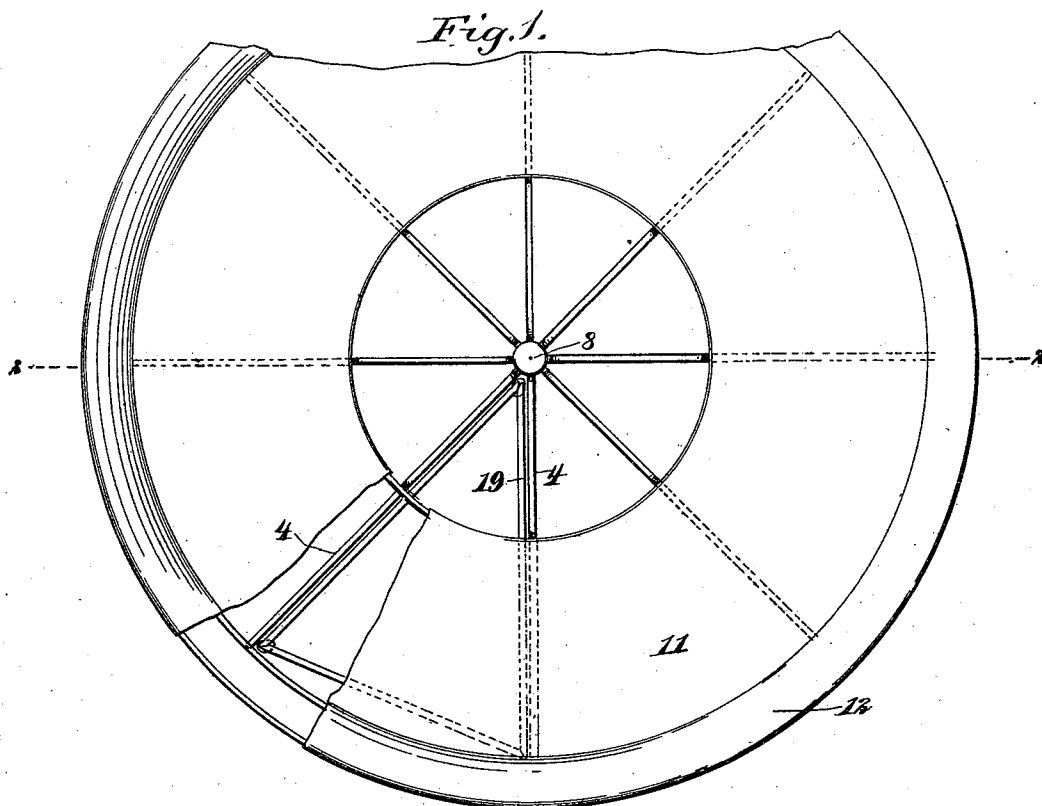
(No Model.)

2 Sheets—Sheet 1.

E. F. B. BOURNE.
SORTING TABLE.

No. 578,199.

Patented Mar. 2, 1897.



WITNESSES:

L. V. Legendre
C. R. Ferguson

INVENTOR

E. F. B. Bourne

BY

Mumford

ATTORNEYS.

(No Model.)

2 Sheets—Sheet 2.

E. F. B. BOURNE.
SORTING TABLE.

No. 578,199.

Patented Mar. 2, 1897.

Fig. 3.

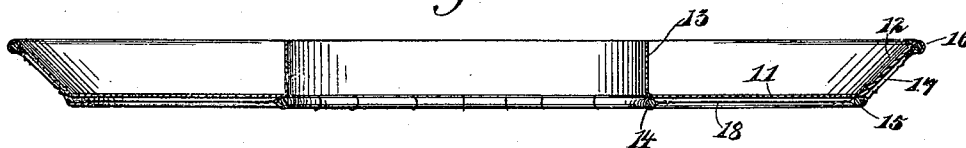
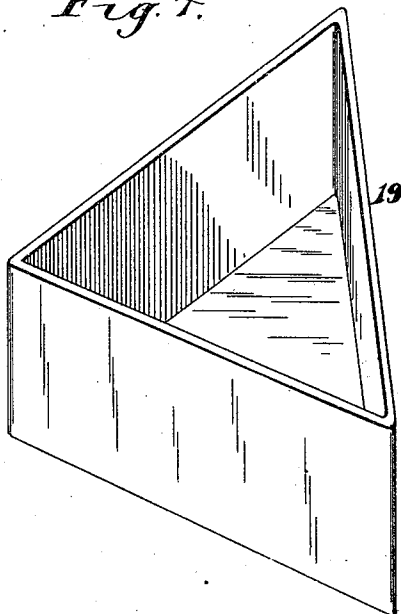


Fig. 4.



WITNESSES:

L. N. Legendre
C. A. Ferguson

INVENTOR

E. F. B. Bourne.

BY

Munnell

ATTORNEYS.

UNITED STATES PATENT OFFICE.

EDMOND F. B. BOURNE, OF VANCOUVER, CANADA.

SORTING-TABLE.

SPECIFICATION forming part of Letters Patent No. 578,199, dated March 2, 1897.

Application filed May 29, 1896. Serial No. 593,559. (No model.)

To all whom it may concern:

Be it known that I, EDMOND F. B. BOURNE, of Vancouver, in the Province of British Columbia and Dominion of Canada, have invented certain new and useful Improvements in Sorting-Tables, of which the following is a full, clear, and exact description.

This invention relates to tables used for the assorting of mail-matter, such as packages and newspapers; and the object is to provide a table for the purpose that will take comparatively little space and yet afford opportunity or space for a considerable number of sorters, and, further, to provide a table in which the number of sorting-divisions may be quickly and easily changed.

I will describe a sorting-table embodying my invention, and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of a sorting-table embodying my invention. Fig. 2 is a section on the line 2 2 of Fig. 1. Fig. 3 is a sectional view of the table-top, and Fig. 4 is a perspective view of a receiving-box employed.

The table comprises a series of vertical dividing-walls, each consisting of a frame formed of metal rods or strong wires—viz., the outer vertical rod 1, the inner vertical rod 2, the horizontal rod 3, connecting the lower portions of the rods 1 and 2, and the top connecting-rod 4. The outer vertical rod is somewhat shorter than the inner vertical rod, and the top rod is extended horizontally from the rod 1 to a point about midway of the inner and outer rods. Then the top rod is extended vertically, as at 5, and then horizontally to its connection with the vertical rod 2. These vertical portions 5 of the several top rods will form abutments for the inner circumference of a ring-shaped table-top, to be hereinafter described, and the bottom of said table-top will rest upon the horizontal portions extending outward from the vertical portions of the top rods.

The lower ends of the rods 1 are extended below the bottom rod 3 and are designed to engage in sockets 6, formed in a floor or other base, and the lower ends of the rods 2 are

similarly extended to engage in a central socket 7, formed in the floor or other base. It will be seen that all the inner rods engage in the socket 7 and that the several dividing-walls radiate therefrom, making substantially V-shaped chambers opening outward. To hold the upper portions of the inner rods together, a metal cap 8 is engaged over their upper ends, said cap being of equal diameter to the socket 7. It is to be understood, however, that other means may be employed for locking the upper ends of the rods together.

To the metal rods or wires of each frame are attached the edges of a light material 9, such as canvas or other textile. I have here shown it as attached by means of a locking-cord 10 passing around the rods and through eyelets in the edge of the fabric.

The table-top is here shown in the form of a ring made of textile material, and having a bottom portion 11, an outward and upward peripheral flange 12, and an inner vertical flange 13, adapted to engage around the vertical portions 5 of the rods 4. The inner circumference of the bottom portion of the top is secured to a wire hoop 14, the outer circumference of the bottom portion is secured to a wire hoop 15, and the upper edge of the flange 12 is secured to a wire hoop 16. The hoops 15 and 16 may be secured together by means of stay-wires 17, and stay-wires 18 may extend from the hoop 14 to the hoop 15.

Receiving-boxes 19 are designed to be placed in the chambers formed by the division-walls. These receiving-boxes conform substantially to the form of the chambers, or are triangular in form, as indicated in the drawings. Within the circumference of the table-top flange 13 there are open spaces through which assorted matter may be thrown to the receiving-boxes.

I have here shown eight divisions for the assorting-table; but it is obvious that the number may be lessened by removing the desired number or walls or that the number may be increased by adding the required number of walls.

A table embodying the invention described will be very light, so that it may be easily transported from place to place, and as the several parts are collapsible or removable it is evident that the several parts may be closely

packed together when not required for use; but I do not limit my invention to the collapsible feature, as a table of this general form of construction, having its several parts
5 rigidly secured together and permanently attached to a floor, will come within the spirit of my invention. Neither do I limit the invention to the particular form shown nor to the material from which the table is made.

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

1. A sorting-table, comprising a ring-shaped top having inward and outward upwardly-
15 extended flanges, a number of radially-disposed supporting-walls, and means for removably securing the inner edges of said walls together, substantially as specified.

2. A sorting-table, comprising a top having
20 an upwardly-extended peripheral flange and

a central opening, and a number of radially-disposed supporting-walls, each consisting of a metal frame and a cover of textile material, the lower ends of the inner and outer rods of the frame being extended below the bottom
25 rod for engagement in sockets, substantially as specified.

3. A sorting-table, comprising a ring-shaped top having inner and outer upwardly-
30 extended flanges, radially-disposed supporting-walls, each comprising a metal frame having projections at its lower end to engage in sockets, a securing device for the upper inner ends of the walls, textile material secured to the frames, and receiving-boxes, substan-
35 tially as specified.

EDMOND F. B. BOURNE.

Witnesses:

HENRY C. LYON,

FRANK GRAEBING.