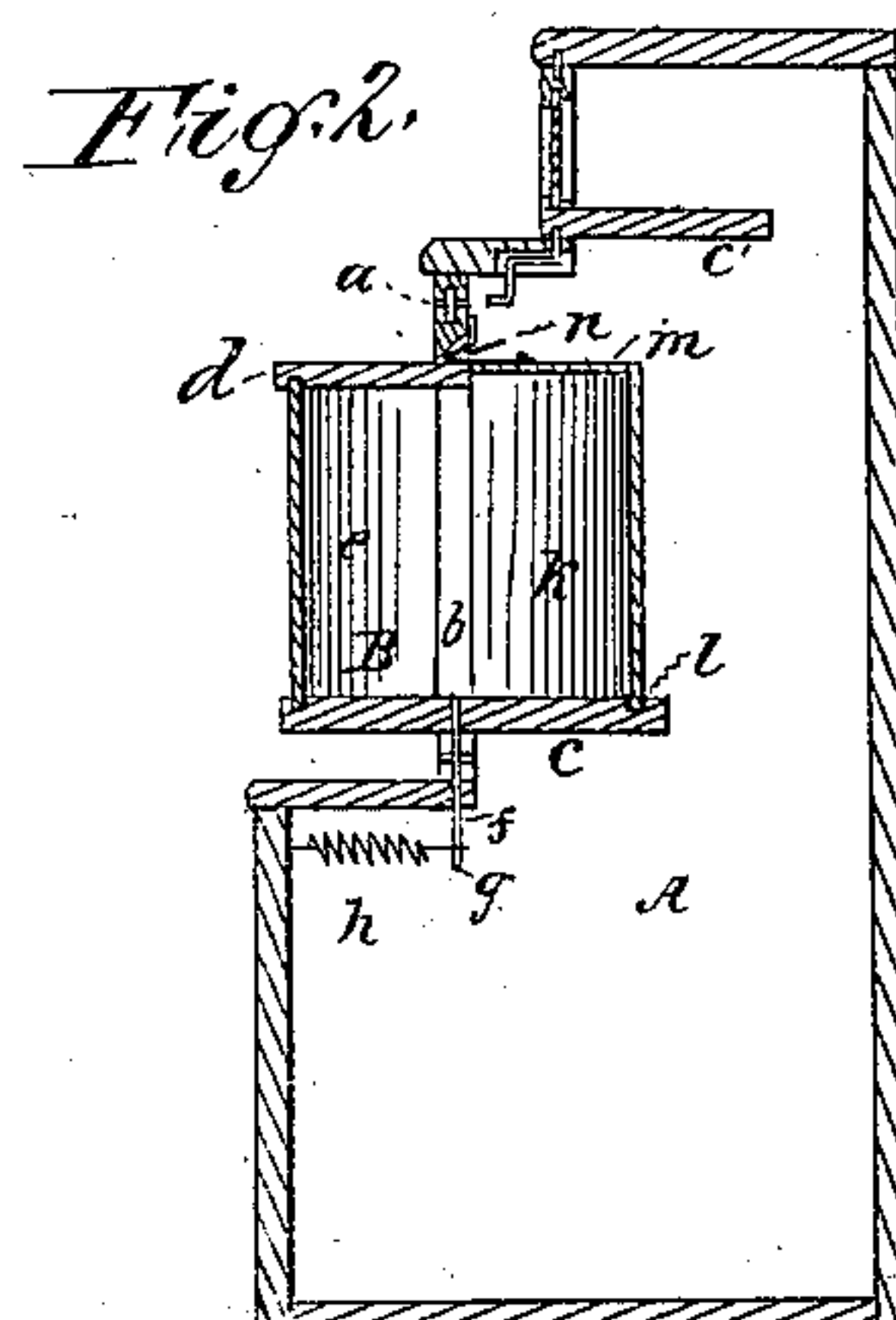
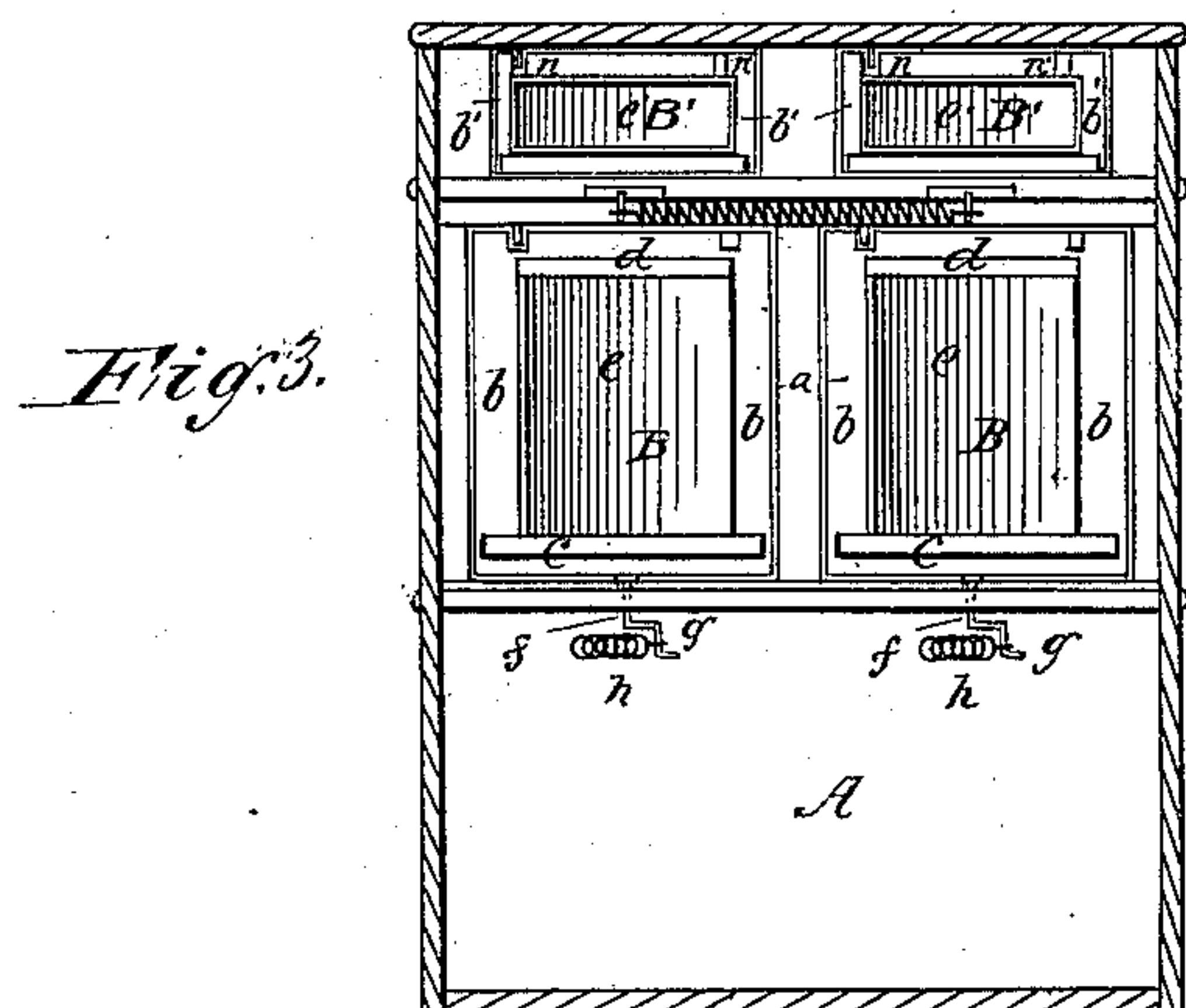
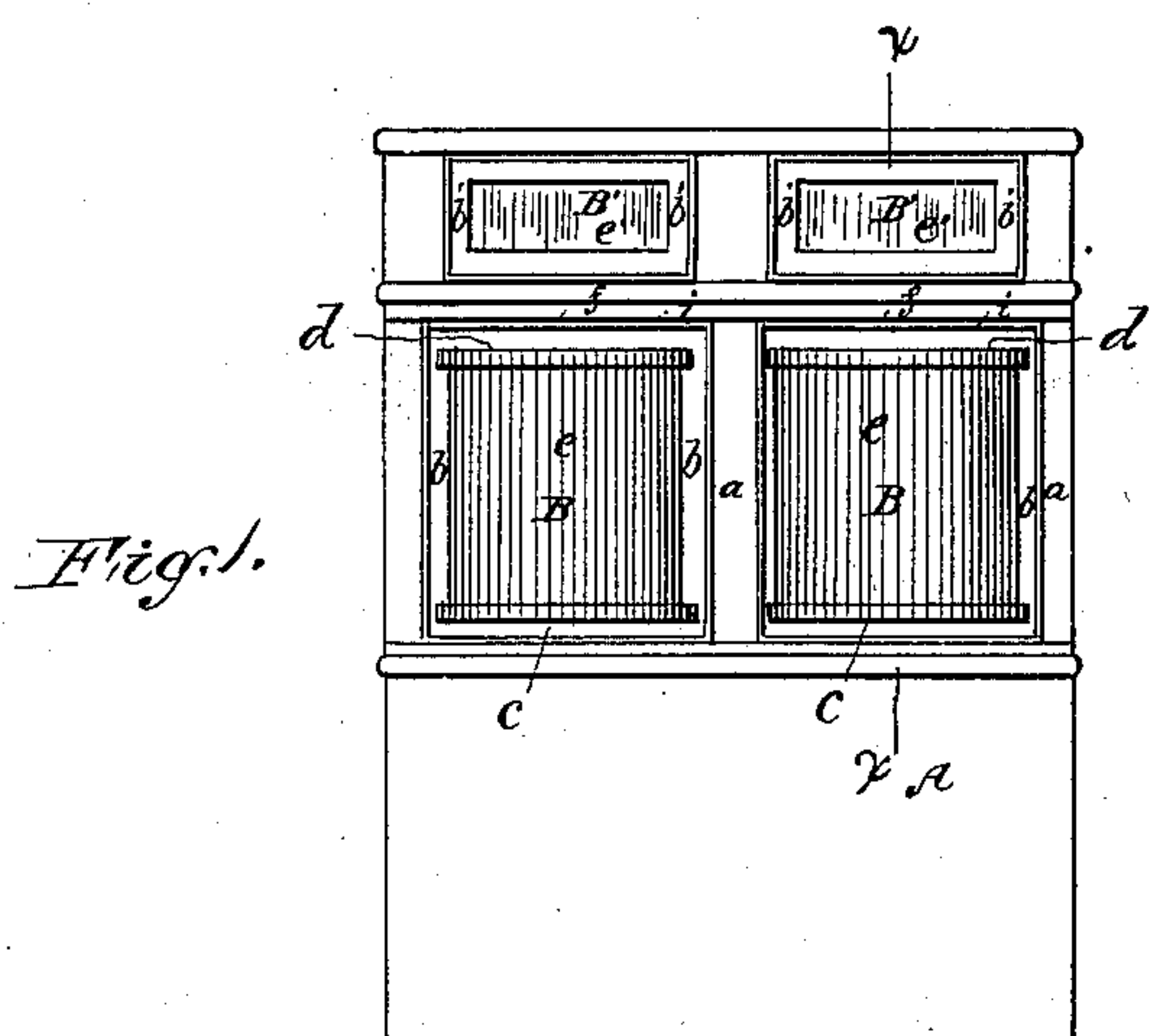


(No Model.)

R. SCHIERENBECK.
REFRIGERATOR.

No. 376,263.

Patented Jan. 10, 1888.



Witnesses

W. Benjamin

Herman Reed.

Inventor

Inventor
Richard Schierenbeck

By L. B. Newell
his atty

UNITED STATES PATENT OFFICE.

RICHARD SCHIERENBECK, OF BROOKLYN, NEW YORK.

REFRIGERATOR.

SPECIFICATION forming part of Letters Patent No. 376,263, dated January 10, 1888.

Application filed July 21, 1887. Serial No. 244,949. (No model.)

To all whom it may concern:

Be it known that I, RICHARD SCHIERENBECK, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Refrigerators, of which the following is a full, clear, and exact specification, reference being had to the drawings accompanying and forming part of the same.

My invention relates to certain improvements in a class of refrigerators or coolers for holding and preserving butter, and more particularly designed for the use of persons who trade in this article; and the object of my improvement is to provide means whereby such refrigerators can be adapted to hold cheese without the danger of impregnating the butter with the odor of the same.

The invention hereinafter described is an improvement upon the refrigerator or cooler forming the subject-matter of Letters Patent No. 279,296, granted to O. M. Whitman June 12, 1883. A cooler constructed as described in said patent, while fulfilling the purpose intended—viz., that of a butter-cooler—and being meritorious to a great degree, has this defect, that it is impossible to place cheese in the holder, as the chamber behind the cells is a continuous one, into which each cell opens, and hence the aroma of anything placed in any one of such cells will permeate the whole cooler. For this reason it would be impossible to use a cell to retain cheese without spoiling the butter; and it is to obviate this defect that I have applied my improvement to the cooler. To accomplish this, I provide one or more of the cells with a removable slide or door at the rear portion, provided with suitable holding devices, whereby a separate airtight compartment is formed suitable for holding cheese.

In the accompanying drawings, which fully illustrate the novel feature of my improvement, Figure 1 is a front elevation of one of these coolers having my improvement applied thereto. Fig. 2 is a cross-section taken on the line *xx* of Fig. 1, and Fig. 3 is a longitudinal section of the same taken through the cells.

Let A represent an ice-holder in the form of a box, provided in its front with a number of openings, *a*, in each of which is hung a receptacle, B, composed of the rectangular frame

b, with a disk, *c*, to form the bottom portion of the same, and a semicircular or semi disk, *d*, at the top, and having one half part of the said frame surrounded by the curved glass pane *e*, which forms a transparent front for the cell, as seen in Fig. 1. The frame *b* is so fitted as to close up the entire opening *a* when the cell is in its normal position. (Shown in Fig. 1.) Pivots *ff* are provided, on which the frame revolves. A suitable pin or stop, *i*, is arranged on the case A to limit the movement of the frame when the cell is opened or closed. *g* is a crank, connected at one end to a spring, *h*, which latter may be secured to another crank, or to the case A, as desired. The cells as thus described form semicircular projections on the front of the box A, with open backs, and lead into the continuous cooling-chamber C, so that all the cells communicate with each other and with the said chamber. Such a construction is admirably adapted for a cooling-receptacle for butter alone, but is of no utility as a receiver for butter and cheese without my improvement.

To adapt it practically to the purpose above named, I provide any one or more of the cells, as may be desired, with a partition so arranged as to close up the back part of the cell, which communicates with the cooling-chamber, so that a separate compartment is formed in which the cheese may be placed, and this being airtight and its contents never exposed, except when the cell is turned outward so as to open outside of the cooling-box, no aroma from the cheese can possibly reach the adjoining cells containing butter.

Let *k* represent the cover for the rear part of the cell B, which is preferably made to conform in shape to the front pane, *e*, and is fitted so that its sides set snugly up to the uprights of the frame *b*. The lower edge of this cover is made to fit into a channel or groove, *l*, formed in the disk *c*. If deemed expedient, I may also provide the vertical side bars of the frame *b* with a similar groove to receive the edges of the cover. A semicircular top part, *m*, is provided, adapted to fit the semi-disk *d* and inclose the upper part of the cell.

Near the top of the cover *k* is provided a spring-catch, *n*, or other suitable fastening device for securing the upper portion of the cover to the frame *b*.

When the cell is revolved on a half-circle, so as to turn the glass pane inward, it brings the cover *k* to the front of the box, and access can be had to the inclosed contents of the cell
5 by simply sliding up or removing the cover. I make the cover of the cell of galvanized iron.

What I claim as new, and desire to secure by Letters Patent, is—
10 The combination of the storage-chamber A,

the cell B, pivoted in one side of the chamber and having the bottom frame, *c*, provided with semicircular groove *l*, the cover *k*, fitting into said groove and movable upward, and spring-catch *n*, as set forth.

RICHARD SCHIERENBECK.

Witnesses:

GEORGE B. FOWLER,
S. J. JONES.