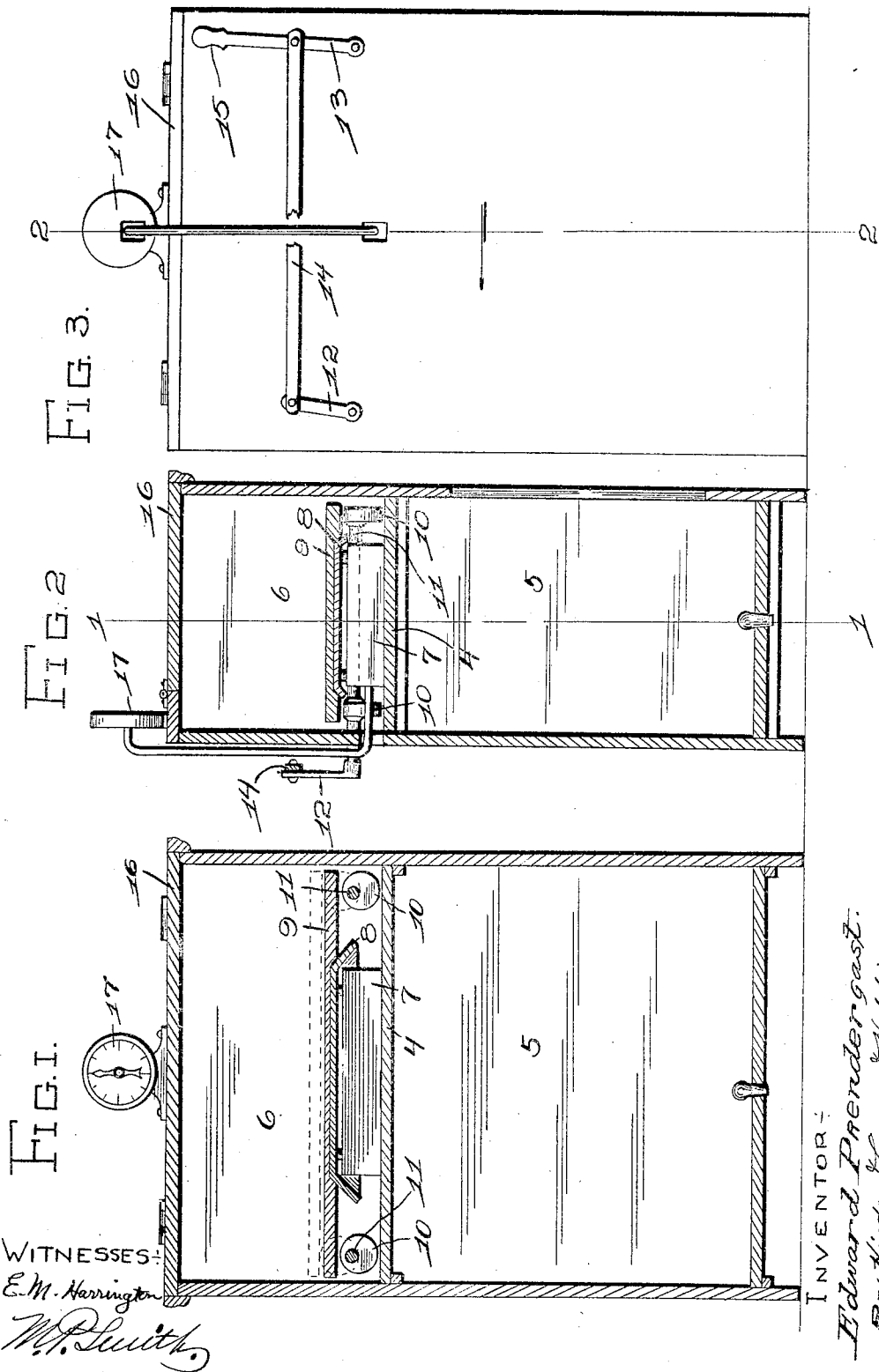


No. 809,324.

PATENTED JAN. 9, 1906.

E. PRENDERGAST.
REFRIGERATOR.

APPLICATION FILED JAN. 28, 1905.



UNITED STATES PATENT OFFICE.

EDWARD PRENDERGAST, OF ST. LOUIS, MISSOURI.

REFRIGERATOR.

No. 809,324.

Specification of Letters Patent.

Patented Jan. 9, 1906.

Application filed January 28, 1905. Serial No. 243,016.

To all whom it may concern:

Be it known that I, EDWARD PRENDERGAST, a citizen of the United States, and a resident of St. Louis, Missouri, have invented certain new and useful Improvements in Refrigerators, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to an improved weighing mechanism for refrigerators; and it consists of the novel features herein shown, described, and claimed.

In the drawings, Figure 1 is a vertical section of a refrigerator embodying the principles of my invention, the section being taken on the line 1 1 of Fig. 2. Fig. 2 is a vertical section on the line 2 2 of Fig. 3. Fig. 3 is a rear elevation.

Referring to the drawings in detail, the framework of the refrigerator may be of the ordinary construction, and in the refrigerator shown the platform 4 forms the top of the cooling-chamber 5 and the bottom of the ice-chamber 6. A common form of scale mechanism is inclosed by the usual scale-casing and mounted upon the platform 4 and covered with the water-shed 8. The ice-rack 9 is loosely mounted in the ice-chamber 6 upon eccentrics 10, carried by the shafts 11, so that when the eccentrics are rotated downwardly the rack 9 will be supported or rest upon the usual platform of the scale and so that when the eccentrics are rotated upwardly, as in the dotted lines, the ice-rack will rest upon the eccentrics and not upon the scale. The rear ends of the shafts 11 carry crank-arms 12 and 13, and the connecting-rod 14 connects the outer ends of the crank-arms together, the crank-arm 13 being extended to form the handle 15.

When the cover 16 is removed from the refrigerator and the chunk of ice thrown into the ice-chamber, the handle 15 should have been previously operated to raise the ice-rack 9, so that the shock of the falling cake of ice will not be communicated to the scale mechanism, and after the ice-chamber has been filled to the desired extent the handle 15 may be operated to throw the weight of the ice upon the scale mechanism, and this weight may be determined by reference to the scale-dial 17.

I claim—

The improved weighing mechanism for refrigerators, comprising the combination of a refrigerator ice-chamber, a cooling-chamber, the platform 4 forming the bottom of said ice-chamber, and also forming the top of the said cooling-chamber; a common weighing-scale having the usual platform and casing 7 mounted upon the said platform 4; the water-shed 8 located above said scale; the vertically-movable ice-rack 9 mounted in the said ice-chamber above said water-shed and adapted to rest thereon; a series of eccentrics 10; shafts 11, upon which said eccentrics are mounted beneath said ice-rack 9 in order to raise and lower said ice-rack with relation to the said water-shed, said shafts projecting outwardly through the rear wall of the said ice-chamber; crank-arms 12 and 13 fixed upon the projecting rear ends of said shafts, the connecting-rod 14 connecting said crank-arms, and a handle connected to the said crank-arm 13, substantially described.

In testimony whereof I have signed my name to this specification in presence of two subscribing witnesses.

EDWARD PRENDERGAST.

Witnesses:

META SCHULZE,

EDW. M. HARRINGTON.