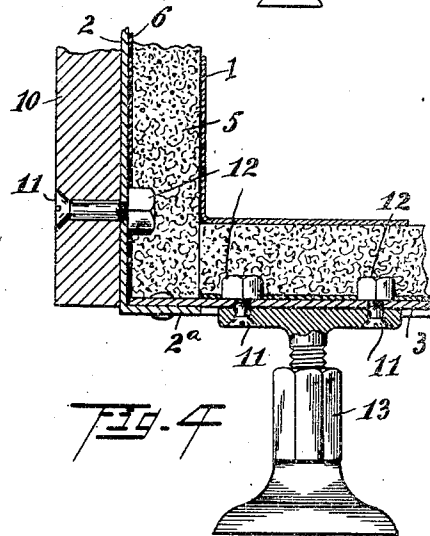
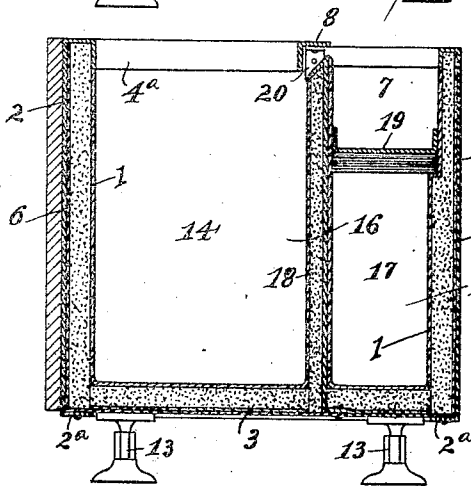
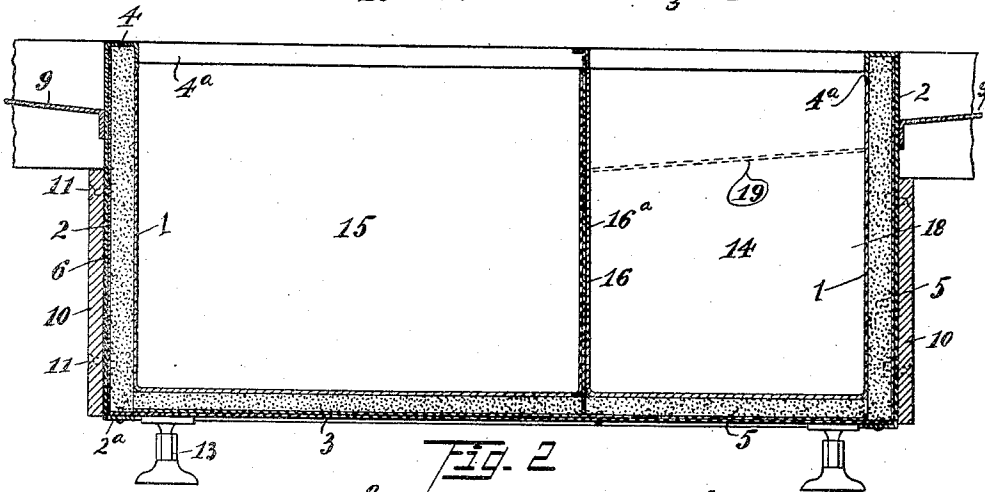
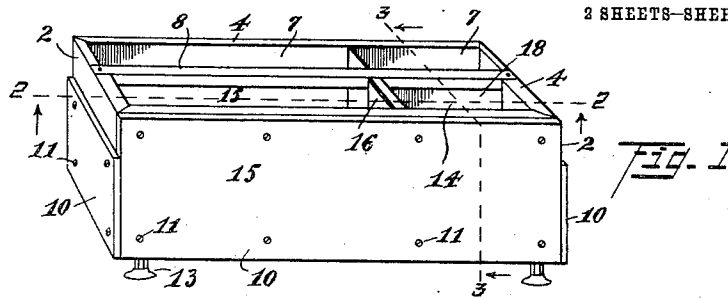


F. T. WIECHERT.
METALLIC STRUCTURE FOR SODA FOUNTAINS.
APPLICATION FILED AUG. 24, 1911.

1,059,651.

Patented Apr. 22, 1913.

2 SHEETS—SHEET 1.



Witnesses:

A. Griswold.
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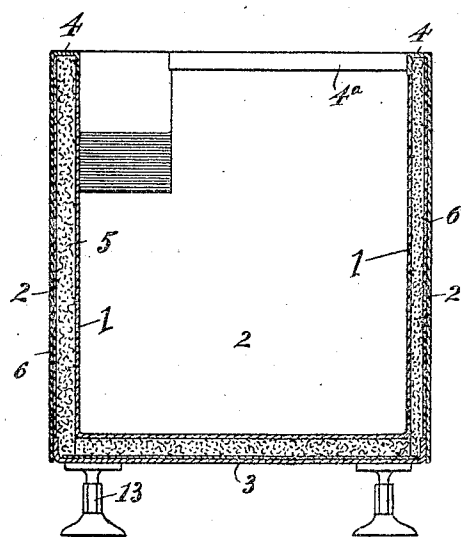
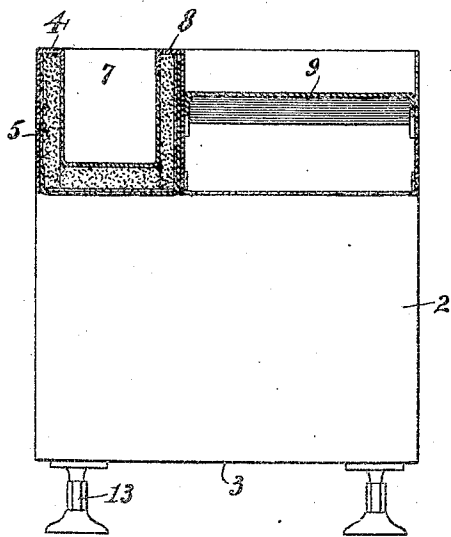
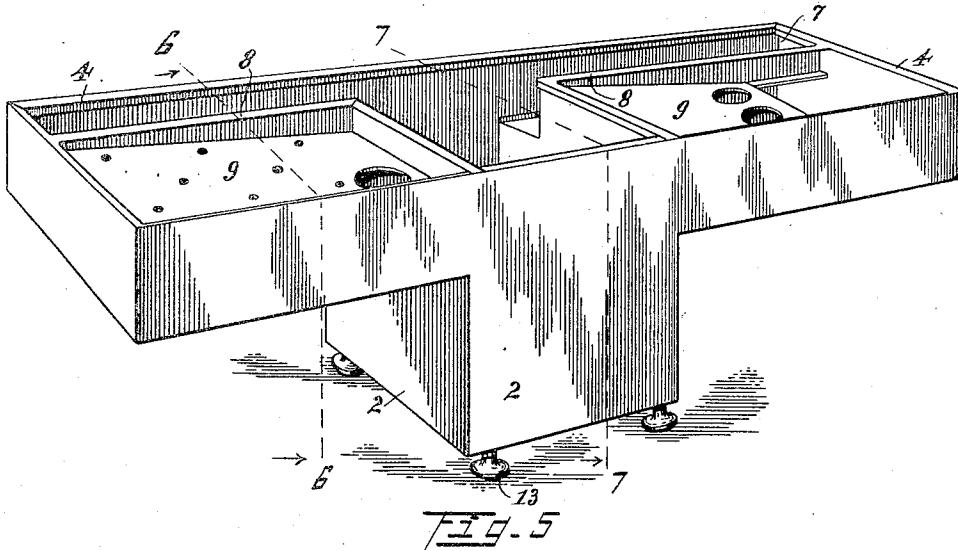
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2 SHEETS—SHEET 2.



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BEST AVAILABLE COPY

UNITED STATES PATENT OFFICE.

FRANK T. WIECHERT, OF BELLEVUE, OHIO, ASSIGNOR TO THE WISE SODA APPARATUS COMPANY, OF BELLEVUE, OHIO, A CORPORATION OF OHIO.

METALLIC STRUCTURE FOR SODA-FOUNTAINS.

1,059,651.

Specification of Letters Patent.

Patented Apr. 22, 1913.

Application filed August 24, 1911. Serial No. 645,809.

To all whom it may concern:

Be it known that I, FRANK T. WIECHERT, a citizen of the United States, residing at Bellevue, in the county of Huron and State of Ohio, have invented certain new and useful Improvements in Metallic Structures for Soda-Fountains, of which the following is a specification.

My invention relates to improvements in metallic structures for soda fountains, and similar or analogous structures, and is particularly designed and adapted for use in connection with that class or type of soda fountain construction disclosed and claimed in Patent No. 972,137, issued October 4, 1910, to George W. and Henry A. Wise for improvements in coolers and soda fountain construction.

The primary object of the invention is to entirely eliminate wood as a material in such structures, and to provide a generally improved metallic structure or frame-work for securing, supporting and reinforcing the marble walls thereof, whereby a generally improved structure of great strength and durability is provided.

With the above-mentioned and other ends in view, the invention consists in the novel construction, arrangement, and combination of parts, hereinafter described, illustrated in some of its embodiments in the accompanying drawings, and particularly pointed out in the appended claims.

Referring to the drawings, forming a part of this specification, Figure 1, is a perspective view of one form of the improved metallic structure, the container-counter and work-boards being removed for the purpose of clearer illustration of the parts. Fig. 2, an enlarged vertical longitudinal sectional view taken on line 2—2 of Fig. 1, and showing the work-boards attached. Fig. 3, a cross sectional view, taken on line 3—3 of Fig. 1. Fig. 4, an enlarged sectional view of one of the lower corner portions of the structure, illustrating the manner of attaching the marble walls and adjustable supporting legs. Fig. 5, a perspective view of a modified form of the marble structure, the storage compartment shown in Figs. 1, 2, and 3, being eliminated. Fig. 6, an enlarged cross sectional view, taken on line 6—6 of Fig. 5. Fig. 7, a similar view taken on line 7—7 of Fig. 5.

Similar numerals of reference designate

like parts throughout all the figures of the drawing.

The improved metallic structure comprises inner and outer rectangular walls or casings spaced from each other for the reception of suitable insulating material as hereinafter described, said inner and outer rectangular casings comprising lateral or side and end walls 1, and 2, respectively, said lateral or side and end walls 2, of the outer rectangular casing being provided with inwardly extending flanges 2^a, at the bottom for receiving and carrying the metallic bottom wall 3, and being provided along their upper marginal edges with inwardly extending flanges 4, said inwardly extending flanges 4, at the top bridging over the space between the inner and outer lateral walls 1 and 2, and being provided with a depending portion 4^a, extending along the upper marginal edges of the inner walls 1, of the inner lining or casing and preferably resting within the vertical planes of the same.

A suitable heat insulating material 5, such as ground cork, or cork board, or the like, is interposed between the lateral walls 1 and 2, the lateral and bottom walls 2 and 3, of the outer casing being preferably lined with insulating paper 6, as shown.

As a means for forming a container-counter receiving opening 7, at the upper rear portion of the structure to receive the syrup container counter hereinafter described, as well as providing a convenient support for the same, a longitudinal supporting bar or ledge 8, is provided, said supporting bar or ledge 8, extending longitudinally between the inwardly extending flanges 4, and parallel with the upper rear flange forming a convenient support or seat for the syrup container counter and allowing the cool air to communicate with the interior of the latter in accordance with the system of refrigeration used.

The work-boards 9, may be attached to the end walls 2, in any suitable and convenient manner, as illustrated in Fig. 2, of the drawings, or if desired, they may form an integral part of the structure as illustrated in Figs. 5, 6, and 7, of the drawings.

The marble side and end walls 10, are adapted to be secured upon the lateral walls 2, of the outer casing by means of a plurality of screw bolts 11, extending through

suitable openings therein, and through suitable openings in the lateral walls 2, said bolts being secured at their inner ends by means of nuts 12, the latter being preferably permanently secured upon the inner sides of the lateral walls 10, in any suitable and convenient manner, as for example by electric welding, brazing, or the like. The adjustable legs 13, are secured to the bottom walls 3, of the outer casing in a similar manner as shown in Fig. 4.

In the form shown in Figs. 1, 2, and 3, of the drawings, the improved structure is divided into a cooler compartment 14, and a storage or ice-cream compartment 15, by means of a non-insulated partition 16, in the present instance, made up of an intermediate metallic piece or plate 16^a, and lateral walls 1, of the inner or lining casing. In this form of the structure an opening or passage 17, is provided below the container receiving opening 7, and at the rear of the cooler compartment 14, by means of a double walled insulated partition 18, the latter partition terminating at its intersection with the non-insulated cross partition 16, as shown most clearly in Fig. 1, of the drawings, an inclined drip plate 19, extending above the open space 17, and an air circulating passage 20, being formed intermediate the top portion of the insulated partition 18, and the supporting bar 8, as shown most clearly in Fig. 3, of the drawing. It will be observed upon referring to Fig. 6, of the drawings that in the form of structure illustrated in Figs. 5, 6, and 7, the container-counter receiving opening 7, or trough is provided with inner and outer spaced and insulated walls similar to the inner and outer rectangular walls or casings of the main structure hereinbefore described.

From the foregoing description, taken in connection with the accompanying drawings, the operation and advantages of my invention will be readily understood.

Having thus described some of the embodiments of my invention, what I claim and desire to secure by Letters Patent is,—

1. A metallic structure for soda fountains, comprising a main body portion provided with a cooling chamber and made up of inner and outer metallic casings spaced from each other, a supporting bar extending between the upper marginal edges of said inner casing and forming a container counter

receiving opening along one side of the latter, a drip plate or trough below said container counter receiving opening, and work boards secured to the outer sides of said outer metallic casing and in front of said container counter receiving opening.

2. A metallic structure for soda fountains, comprising a double walled metallic structure forming a cooling compartment, laterally extending wings provided at their rear with a troughed container counter receiving opening communicating with said cooling compartment, and a supporting bar or ledge extending along said container counter receiving opening and flush with the upper marginal edges of said wings and cooling compartment.

3. A metallic structure for soda fountains, comprising inner and outer metallic casings spaced from each other forming a main cooling compartment and provided with laterally extending work boards, and a supporting bar or ledge extending between the upper edges of said work boards and said cooling compartment forming a container counter receiving opening at the rear of said work boards and communicating with said main cooling compartment.

4. A metallic structure for soda fountains, comprising a metallic casing consisting of a main cooling compartment provided with laterally extending wings at its top, the latter being provided at their rear with a container counter receiving opening communicating with said main compartment, and a supporting bar or ledge extending flush with the upper marginal edges of said wings and main cooling compartment forming a support or seat for the syrup container counter.

5. A metallic structure for soda fountains, comprising a main cooling compartment provided with laterally extending wings having a container counter receiving passage at the upper rear portions thereof communicating with said main cooling compartment, and work board members carried by said wings in front of said container counter receiving passage.

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

FRANK T. WIECHERT.

Witnesses:

C. S. SWANN,
JAS. F. WEIGEL.