March 25, 1924. 1,488,057

M. PILZ

SHEET METAL CLOTHING CLOSET OR LOCKER

Filed Jan. 16, 1923 2 Sheets-Sheet 1

Fig. 1.

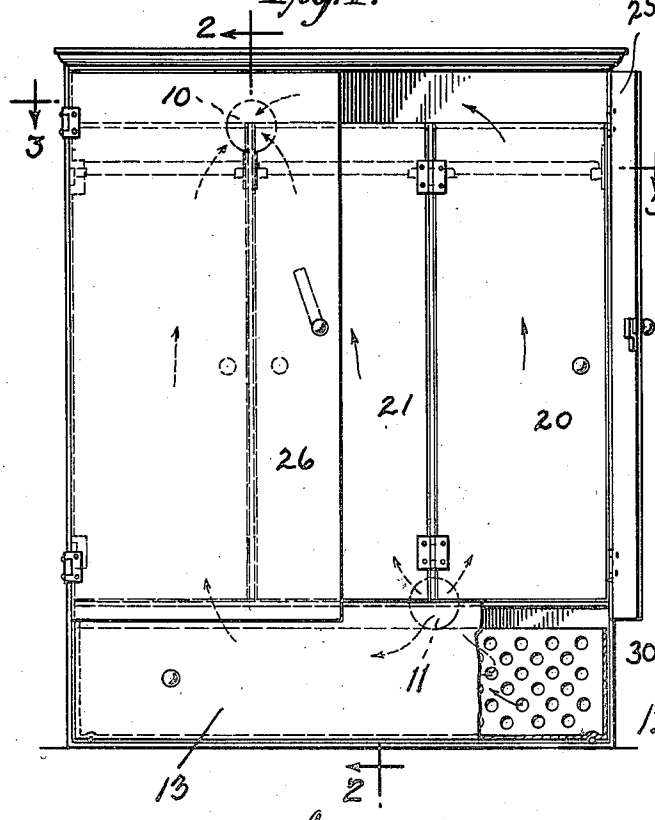
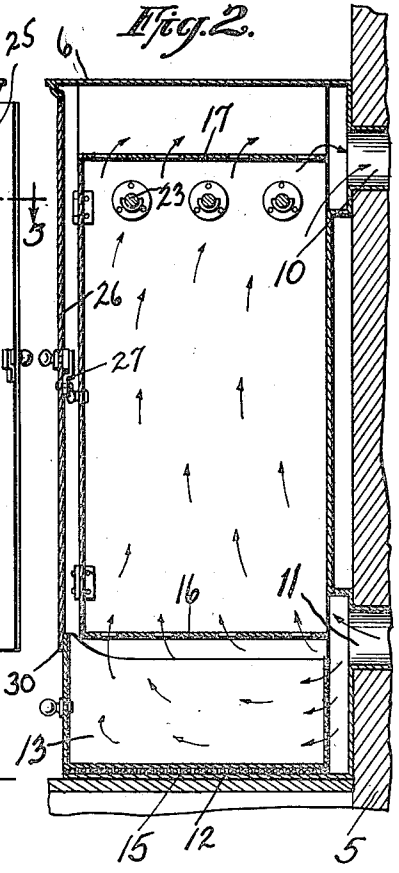


Fig. 2.



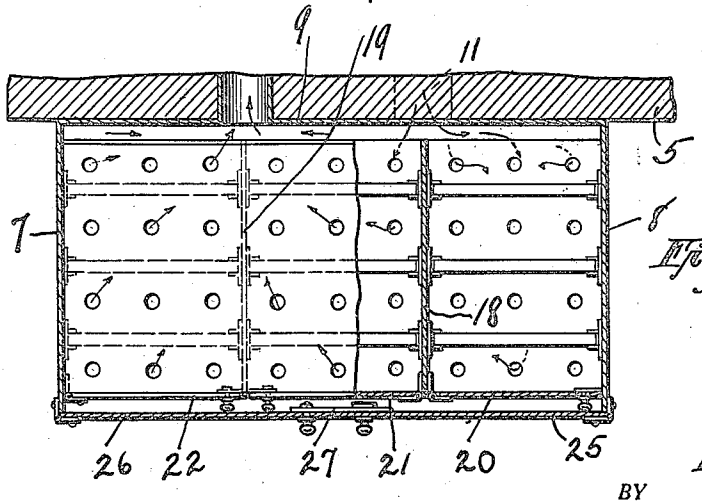


Fig. 3.

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Filed Jan. 16, 1923 2 Sheets-Sheet 2

Fig. 4.

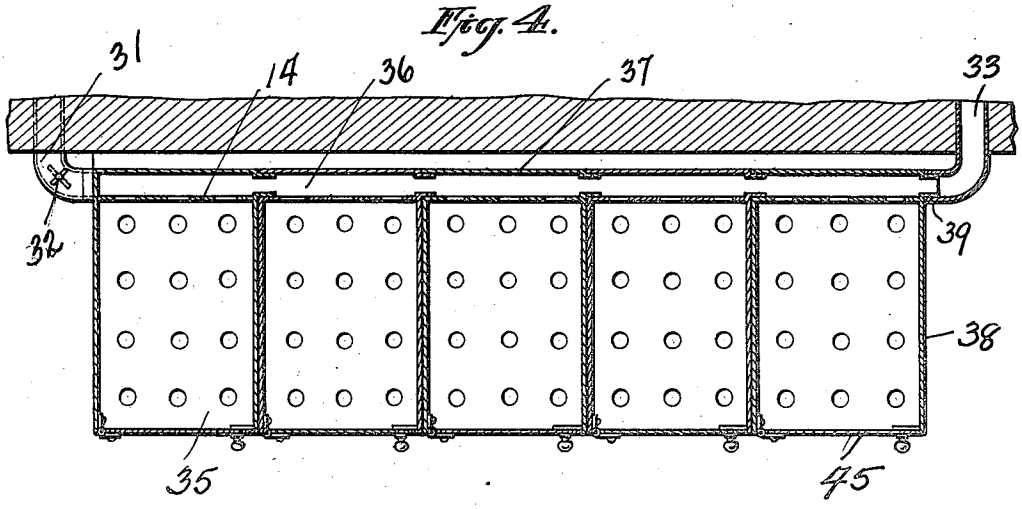


Fig. 5.

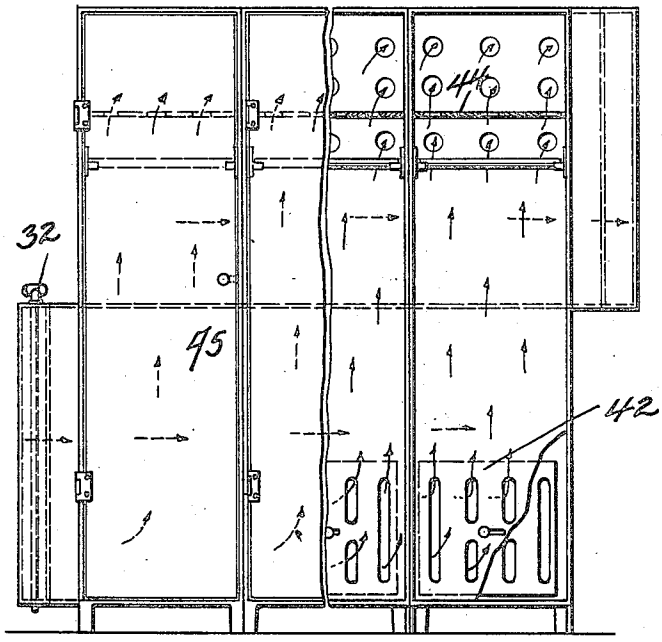
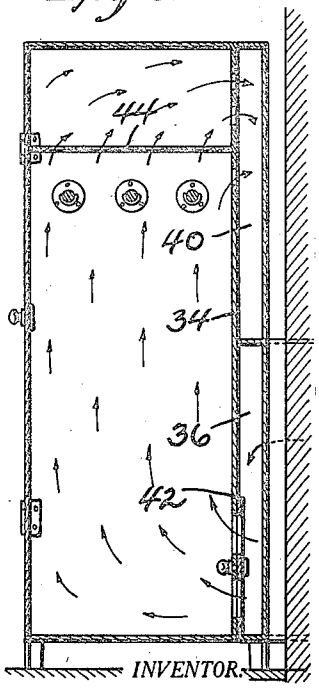


Fig. 6.



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Patented Mar. 25, 1924. 1,488,057

UNITED STATES PATENT OFFICE.

MORRIS PILZ, OF NEW YORK, N. Y.

SHEET-METAL CLOTHING CLOSET OR LOCKER.

Application filed January 16, 1923. Serial No. 613,069.

To all whom it may concern:

Be it known that I, MORRIS PILZ, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Sheet-Metal Clothing Closets or Lockers, of which the following is a specification.

This invention relates to metallic clothing closets or lockers and the like and more particularly to a novel and improved construction wherein the confined articles of clothing may be subject to constant ventilation when the doors or closures are locked.

The primary object of my invention is the provision of the closet or locker arranged with respect to a ventilating inlet and exit so that a constant draft of air may permeate through the closet and its contents thus avoiding the obnoxious odors incident to clothes when confined in such a construction.

A further and continued object of my invention is the provision of a ventilating closet or locker wherein the inlet and exit openings are disposed adjacent the bottom and top of the same and preferably in the rear including reticulated partitions and walls permitting complete ventilation of the interior of the construction.

I accomplish the above objects and others which will be more readily understood and appreciated when taken in connection with the accompanying drawings, showing a preferred embodiment of my invention and wherein:

Figure 1 is a front view, partly in section, showing a clothing closet.

Figure 2 is a sectional view taken along the line 2—2 of Figure 1.

Figure 3 is a further section taken on the line 3—3 of Figure 1.

Figure 4 is a longitudinal section through a modified form of the invention, showing a plurality of lockers.

Figure 5 is a front view partly in section of the same.

Figure 6 is a vertical section through one of the lockers of the modified form shown.

Referring now to the drawings wherein like reference characters designate corresponding parts throughout the several views, 5 designates a section of a wall against which the closet is positioned, the top 6 of which is preferably formed integral with the sides 7, 8, when sheet metal is used. The rear wall 9 is provided with an upper and lower tubular extension 10, 11, disposed to one side of a line drawn through the vertical axis of the closet as clearly indicated by Figure 1 of the drawing. The lower tubular extension 11 constitutes the inlet and the upper extension 10, the outlet, each of which are positioned in an aperture or recess extending through the wall 5 to permit the entry of a draft of air. The bottom 12 of the closet is also preferably formed integral with the rear wall and supports the bottom sliding drawer 13, the reticulated rear wall 14 of which permits the passage of the incoming draft of air. Anti-friction devices 15 are also provided to permit of the easy movement of the drawer 13.

The bottom floor 16, within the closet is also provided with apertures and the top shelving 17 is similarly constructed so as to permit of the passage of air to the top and toward all the corners, affording complete ventilation. The vertical partitions 18, 19, which divide the closet into the respective sections are provided with hinged doors 20, 21, and 22, the door 22 being hinged to the inner side of the wall 7 and the doors 20, 21, being hinged on opposite sides of the partition 18. Any suitable type of bracket may be provided to support the cross rod 23 adjacent the shelving 17 for the purpose well understood. The outer doors 25, 26 are hinged to the outer side of the wall 7, 8, respectively, being provided with a swinging lock bar 27. It will be noted that the outer doors 25 and 26 extend somewhat below the bottom edge of the inner doors as indicated at 30 and prevent the outward movement of the drawer 13 when the said outer doors 25, 26 are locked. The entry of a draft of air from the bottom of the closet and through the inlet 11 will thus be permitted to travel to the closet and consequently ventilate the clothing confined therein and the double doors not only prevent the admission of dust from the interior of a room, but afford sufficient protection to the contents of the closet when the said doors are locked.

Referring now to the construction shown by Figures 4, 5, and 6 of the drawings, it will be observed that I have provided a locker system affording complete ventilation of the clothing confined therein for the same purpose as above set forth. In this form of the invention, the inlet opening 31 is provided with a draft regulating valve 32 and

an exit opening 33 at the opposite end of the lockers. The rear, reticulated wall 34 of the lockers 35, forms a channel 36 with the back 37, it being further observed that the side walls 38 of each locker are formed with a locking flange 39 so that the respective sections can be locked tightly together in a continuous series. The outlet channel 40 is of the same height as the lower channel 36, thus affording the uniform ventilation desired. The bottom of the wall 34 is also provided with a slotted plate 42 permitting a greater or lesser draft of air to enter the individual locker as may be desired. In this form of the invention, a reticulated shelving 44 is also provided for the respective lockers and the outwardly swinging doors 45 are of a length to close the entire locker as is common in this construction. Any number of lockers of this character may be assembled in the particular position where desired and a forced draft of air through the same will thoroughly ventilate the contents of the lockers and avoid moulding of the clothes and the objectionable odors incident to air-tight constructions.

While I have illustrated and described my invention with some degree of particularity, I realize that in practice various alterations therein may be made. I therefore reserve the right and privilege of changing the form of the details of construction or otherwise altering the arrangement of the correlated parts without departing from the spirit of the invention or the scope of the appended claims.

Having thus described my invention, what I claim as new and desire to secure by United States Letters Patent is:—

A clothing closet comprising a top, bottom and side walls, a rear wall having extensions insertible through a building wall and constituting an inlet opening in the lower portion and an exit opening in the upper portion communicating with the interior of the closet, the major portion of said rear wall being spaced from the building wall a plurality of vertical partitions dividing the closet into separate compartments, outwardly swinging doors for each compartment, a sliding drawer below the respective compartments and hingedly connected closures constituting the front wall of the closet and preventing the withdrawal of the drawer when the last mentioned closures are locked.

In testimony whereof I affix my signature.

MORRIS PILZ. [L. S.]