

Aug. 19, 1924.

L. SCHAEFER, JR

1,505,291

COMBINATION LOCKER

Filed April 2, 1921

2 Sheets-Sheet 1

Fig. 1

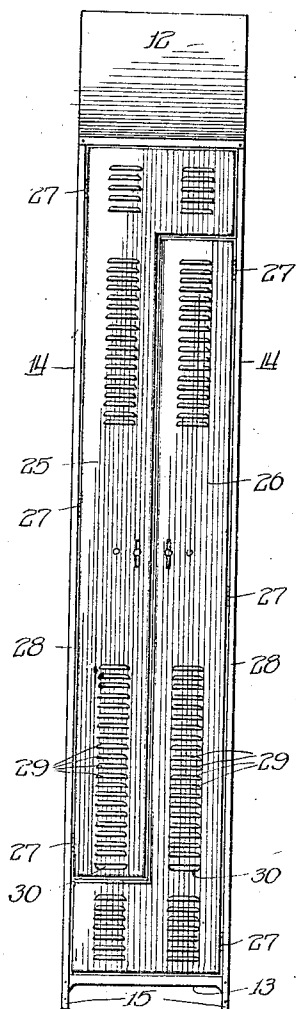
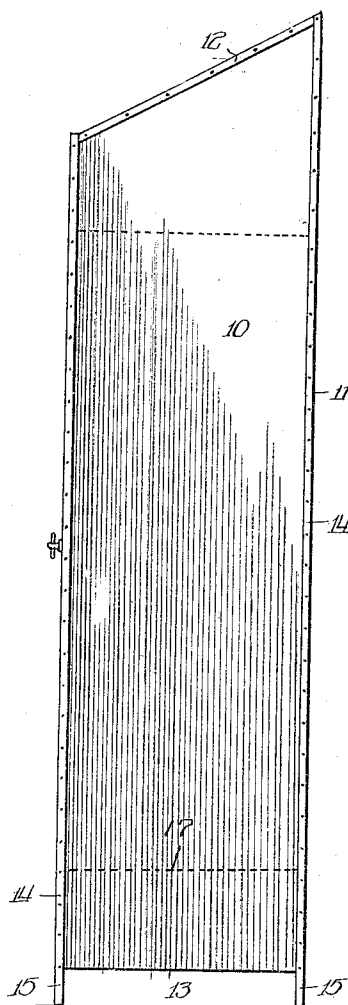


Fig. 2



Witnesses:

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Inventor:

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By Cromwell Griest & Lardner
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Aug. 19, 1924.

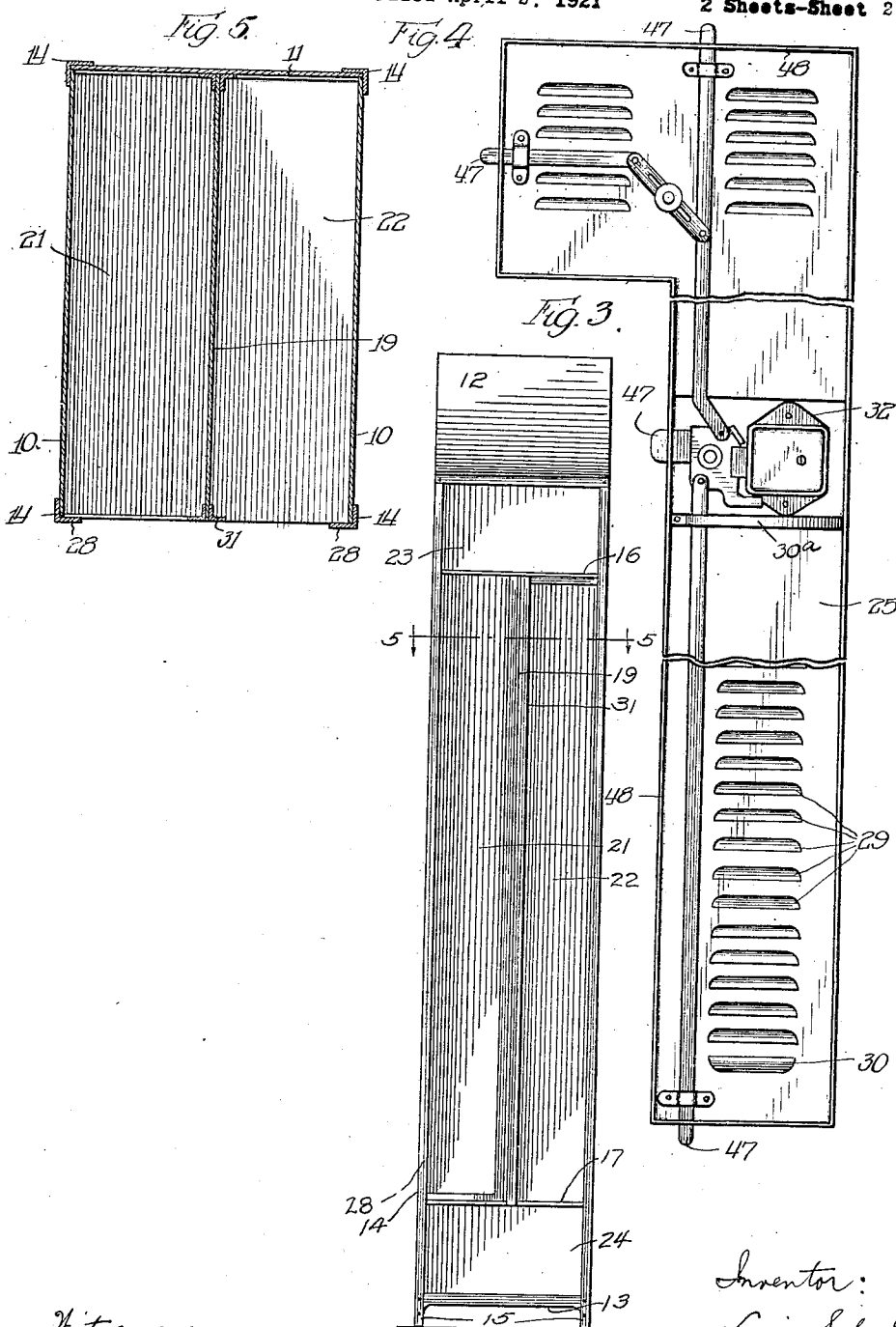
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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE.

LOUIS SCHAEFER, JR., OF CHICAGO, ILLINOIS.

COMBINATION LOCKER.

Application filed April 2, 1921. Serial No. 457,912.

To all whom it may concern:

Be it known that I, LOUIS SCHAEFER, Jr., a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Combination Lockers, of which the following is a specification.

This invention pertains, in its general aspect, to articles of furniture, and is concerned more specifically with a locker adapted for use in offices, clubs, factories and like places, for the reception and safe keeping of such personal paraphernalia as one's hat, coat, overshoes, umbrella, and sporting equipment.

The main and primary object of the present invention is directed to a locker construction which provides two individual interfitting locker spaces on the floor space ordinarily required for one, whereby a very material saving of floor space in locker rooms is effected without resorting to inconvenient double-decker arrangements or sacrifice of the long coat compartment and wide roomy hat compartment which are almost necessary requirements in lockers of the type here considered.

Another important object is the provision for each individual in such a duplex locker construction, of a clothes space high enough to permit clothing to be suspended in its entire length, or to accommodate golf bags and the like, of roomy space for a hat and miscellaneous articles, and an exteriorly drained umbrella rack, access to all of which is conveniently had through one door without giving access to either of the said spaces or rack used by the other individual.

Other objects and advantages of the invention will become apparent as the nature of the same is better understood from the following description and accompanying drawings wherein is set forth what is now considered to be a preferred structural embodiment of the invention. It should be understood, however, that the particular disclosure here made is primarily for the purpose of exemplification, and that slight unessential changes in minor details of ar-

rangement and construction may be undertaken without departure from the spirit and scope of the invention as defined by the appended claims.

In the drawings,

Fig. 1 is a front elevation of the duplex locker;

Fig. 2 is a side elevation thereof;

Fig. 3 is a view similar to Fig. 1, but with both L-shaped doors removed;

Fig. 4 is a detail view of one of the L-shaped doors as viewed from its inner side; and

Fig. 5 is a section on the line 5—5 of Fig. 3.

Referring now in detail to the drawings, it will be noted that the duplex locker is an upright rectangular structure constructed as a permanent exterior casing which comprises two spaced parallel side walls 10, a rear wall 11 at right angles thereto and connecting therewith, a forwardly sloping top 12, and a bottom 13. The front face of the locker is provided with closure means which will hereinafter be more fully described. Vertical angle bars 14 are disposed along the upright edges of the duplex locker in order to form of the side walls, rear wall, and top, one rigid structure, and extend downwardly below the bottom 13, whereby to provide short supporting legs 15. By the provision of the sloping top 12 above mentioned, unsightly accumulations of waste paper and the like along the tops of the lockers are effectually prevented.

A short distance below the top 12 is disposed a horizontal shelf 16, while a short distance above the bottom 13 is located a shelf 17.

A partition 19 is disposed intermediate and parallel to the side walls 10, and extends between the upper shelf 16 and the lower shelf 17.

By the construction hereabove described, it will be appreciated that the locker of this invention provides two long compartments 21 and 22 for coats, golf bags, and the like, and two small but wide compartments 23 and 24 for the reception of hats and other

miscellaneous articles. It will thus be seen that the compartments 22 and 24 together constitute an L-shaped storage space for one of the locker tenants, and that the compartments 21 and 23 together constitute an L-shaped storage space for the other locker tenant, the two L-shaped storage spaces being arranged in complementary interfitting relation with one inverted directly over the other.

The closure means for these compartments comprise two L-shaped doors 25 and 26 which are hinged at 27 to the front flanges 28 of the forward vertically disposed angle bars 14. The upper horizontally-extending portion of the door 25 closes the compartment 23, and the vertically-extending portion closes the compartment 21, while the lower horizontally-extending portion of the door 26 closes the compartment 24, and the vertically-extending portion closes the compartment 22.

The face of each of the doors is provided with two rows of outwardly and downwardly opening ventilating louvres 29. One of these louvres 30 which is disposed in each door adjacent the bottom of its long compartment opens inwardly and upwardly in order to form an exteriorly draining pocket for the reception and support of the lower ends of umbrellas, etc. Each door is provided on its inner side about two feet above the bottom of its long compartment with an inwardly curving bracket rod 30^a which co-operates with the said pockets to constitute the upper portion of an umbrella support rack.

The doors 25 and 26 close against flanged portions 31 of the partition 19 and shelves 16 and 17, and are each separately secured in their closed positions by means of a centrally operated four-point locking mechanism 32 which includes a plurality of locking bolts 47.

This locking mechanism, by fastening the door at four spaced points, when the same is in its closed position, provides a secure locking for the door and prevents the possibility of any inward or outward bending of the same at any point whereby unauthorized entry to either of the compartments closed thereby might be gained.

I claim:

1. A locker provided with a rectangular opening in its front, two interfitting L-shaped doors hinged on opposite sides of said opening and adapted when closed to cover the same, and a partition within said locker extending rearwardly from the meeting edges of the doors whereby storage spaces for one tenant of the locker is formed to which access may only be had through the door immediately in front thereof.

2. A locker provided with a rectangular opening in its front, two interfitting L-shaped doors hinged on opposite sides of said opening and adapted when closed to cover the same, and a partition within said locker extending rearwardly from the meeting edges of the doors whereby storage space for one tenant of the locker comprising a plurality of compartments is formed to which access may only be had through the door immediately in front thereof.

3. A locker provided with a rectangular opening in the front, two interfitting L-shaped doors hinged on opposite sides of said opening and adapted when closed to cover the same, and partitions disposed within said locker in such manner as to form behind each door a long upright compartment and a low wide compartment to both of which access may only be had through the door immediately in front thereof.

4. A locker provided with two juxtaposed narrow upright compartments having a side wall in common, two low compartments disposed respectively above and below said narrow compartments and spanning the combined width thereof, and two closure means each of which extend across the front of one narrow compartment and one low compartment and gives access thereto.

5. A locker provided with two juxtaposed narrow upright compartments having a side wall in common, two low compartments disposed respectively above and below said narrow compartments and spanning the combined width thereof, and two L-shaped doors each of which gives access to one narrow compartment and one low compartment.

6. A locker provided with two juxtaposed narrow upright compartments having a side wall in common, two low compartments disposed respectively above and below said narrow compartments and spanning the combined width thereof, two L-shaped doors each of which gives access to one narrow compartment and one low compartment, and key-controlled locking mechanisms for securing each door in its closed position at a plurality of points spaced about its periphery.

7. A double locker adapted for the private use of each of two persons and comprising a vertically elongated rectangular housing, means for dividing the interior of the housing into two L-shaped individual storage spaces, one of which is inverted directly over the other in complementary interfitting relation, and separate closure means for each of the said L-shaped storage spaces, whereby to provide an L-shaped storage space for the private use of each person.

8. A double locker adapted for the pri-

vate use of each of two persons and comprising a vertically elongated rectangular housing having a width which corresponds approximately with that of the usual single locker, means for dividing the interior of the housing into two L-shaped individual storage spaces, one of which is inverted directly over the other in complementary interfitting relation, and separate closure means for each of the said L-shaped storage spaces whereby to provide an L-shaped storage space for the private use of each person. 10

Signed by me at Chicago, Illinois, this 25th day of March, 1921.

LOUIS SCHAEFER, JR.