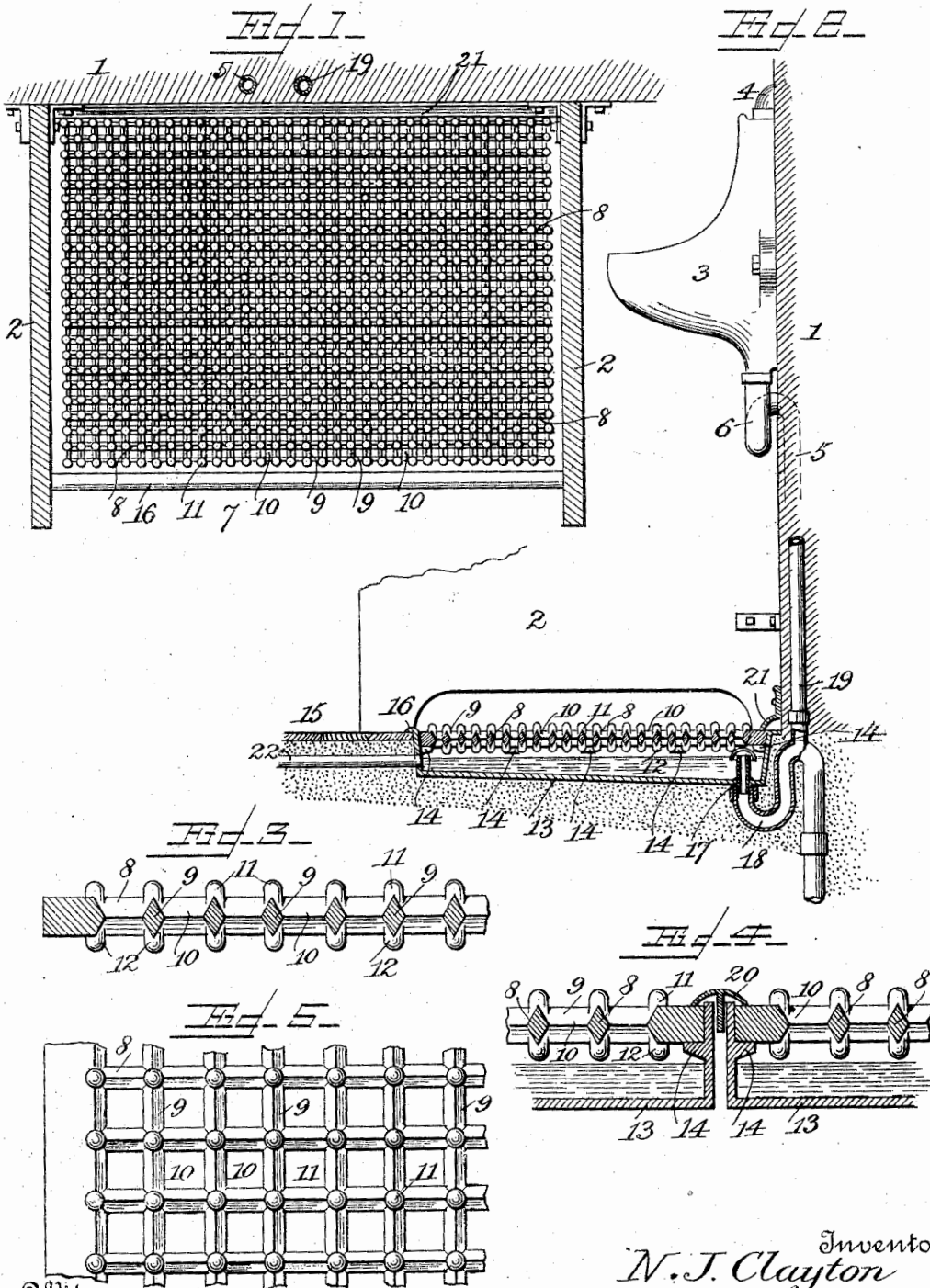


N. J. CLAYTON.
 SANITARY FLOORING.
 APPLICATION FILED AUG. 20, 1908.

927,026.

Patented July 6, 1909.



Witnesses

F. L. Curran

C. H. Guesbaur.

Inventor
 N. J. Clayton

By *A. B. Wilson & Co.*
 Attorneys

UNITED STATES PATENT OFFICE.

NICHOLAS J. CLAYTON, OF GALVESTON, TEXAS.

SANITARY FLOORING.

No. 927,026.

Specification of Letters Patent.

Patented July 6, 1909.

Application filed August 20, 1908. Serial No. 449,527.

To all whom it may concern:

Be it known that I, NICHOLAS J. CLAYTON, a citizen of the United States, residing at Galveston, in the county of Galveston and State of Texas, have invented certain new and useful Improvements in Sanitary Floorings; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to sanitary floors, and the object of the invention is to secure a thoroughly sanitary floor surface for toilet rooms, particularly those in public places and institutions.

Heretofore owing to the unsanitary moisture prevalent in such places, disagreeable and noxious odors were given off and frequently the foot wear was soiled by the dampness.

It is the object of my invention to obviate this objectionable fault, and broadly speaking consists in providing a perforated floor with raised knob or small projecting surfaces, and underneath to employ a flushing pan which receives all of the water or urine falling upon the floor and conveys it to the trap and is discharged so that it may be flushed out continuously or intermittently as may be desired.

With these and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claims.

In the drawings, Figure 1 is a horizontal section of a urinal, showing its floor in plan and its surrounding walls in section, Fig. 2 is a vertical section thereof, Fig. 3 is an enlarged vertical section of part of the floor, Fig. 4 is a transverse section of the floor and pan showing the connection between two separate urinals, Fig. 5 is a fragmentary plan view of the floor.

Referring more particularly to the drawings, 1 represents the wall of the room to which the side shields 2 are secured so as to project transversely therefrom and screen the urinal 3. The supply pipe of the urinal is indicated at 4, and the discharge pipe indicated at 5, as connected to the urinal through a trap 6. The floor which is indicated at 7,

is constructed as shown in Figs. 2 and 3 of a series of longitudinal bars 8, and transverse bars 9, integrally connected and having formed between the two, outlet apertures 10.

At the intersection of the transverse and longitudinal bars I form, on either side of the floor, projecting knobs 11 and 12, so that the floor may be readily reversed. Below the floor I place the pan 13, which is preferably inclined from the front to the back and is provided with a plurality of supporting lugs 14, or a rib extending entirely around the pan as may be deemed desirable. The inner end of the pan extends up above the floor 15, of the room and has an overhanging flange 16 which secures it in position. The rear end is provided with an outlet opening 17, connected to an S-trap 18, and a vent pipe 19. When two of these pans or floors are connected together as in a series of urinals or closets the two are connected together by a T-shaped lip 20, having overhanging sides to engage the upstanding edges of the pans and an intermediate leg which projects between the two. The overhanging parts of the T-lip 20 bear upon the edge of the floor and hold it in position at this point and at the rear of the device. Underneath the urinal I provide a locking strip or bar 21, which overhangs the edge of the flooring 7, and is secured by screws passing into the wall 1.

A suitable inlet pipe 22, is led into each pan so that it may be flushed when desired. Of course, it will be understood that this inlet pipe may be connected to an automatic flushing device, or to an ordinary hand operated valve.

While I have not illustrated it herein it will be clearly understood that the knobs formed at the intersection of the longitudinal and transverse rods may be formed of dull pointed cones of small area arranged in geometrical, or other pleasing forms to produce a raised surface of projecting points, or these points may be simply pintles upon which rubber knobs are supported.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the princi-

ple or sacrificing any of the advantages of this invention as defined in the appended claims.

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

1. In a device of the class described, the combination with a wall, of a reversible perforated floor, a flushing pan, flanges extending from the sides of said pan to support the floor, and a locking strip removably secured to the wall to hold the floor on the pan.

2. In a device of the class described, the combination with a wall, of a reversible perforated floor, a flushing pan, flanges extending from the sides of said pan to support the floor, a locking strip removably secured to the wall to hold the floor on the pan, a source of water supply, an outlet trap, and a vent for said trap.

3. In floor construction, a reversible floor, projecting knobs upon the floor with aper-

tures therebetween, a flushing pan beneath the floor, and means upon the flushing pan for supporting the floor.

4. In floor construction, a reversible floor, projecting knobs upon the floor with apertures therebetween, a flushing pan beneath the floor, means upon the flushing pan for supporting the floor, and means to hold the floor upon the flushing pan.

5. A floor for toilet rooms comprising a plurality of integrally connected bars having apertures therebetween, and knobs formed on either side of the bars at the intersecting points thereof.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

NICHOLAS J. CLAYTON.

Witnesses:

HOMER E. SIMPSON,
CLAUDIUS H. MORRIS.