

J. H. STEWART.  
TILE MOLD.

APPLICATION FILED JULY 5, 1907. RENEWED MAY 8, 1908.

928,162.

Patented July 13, 1909.

Fig. 1.

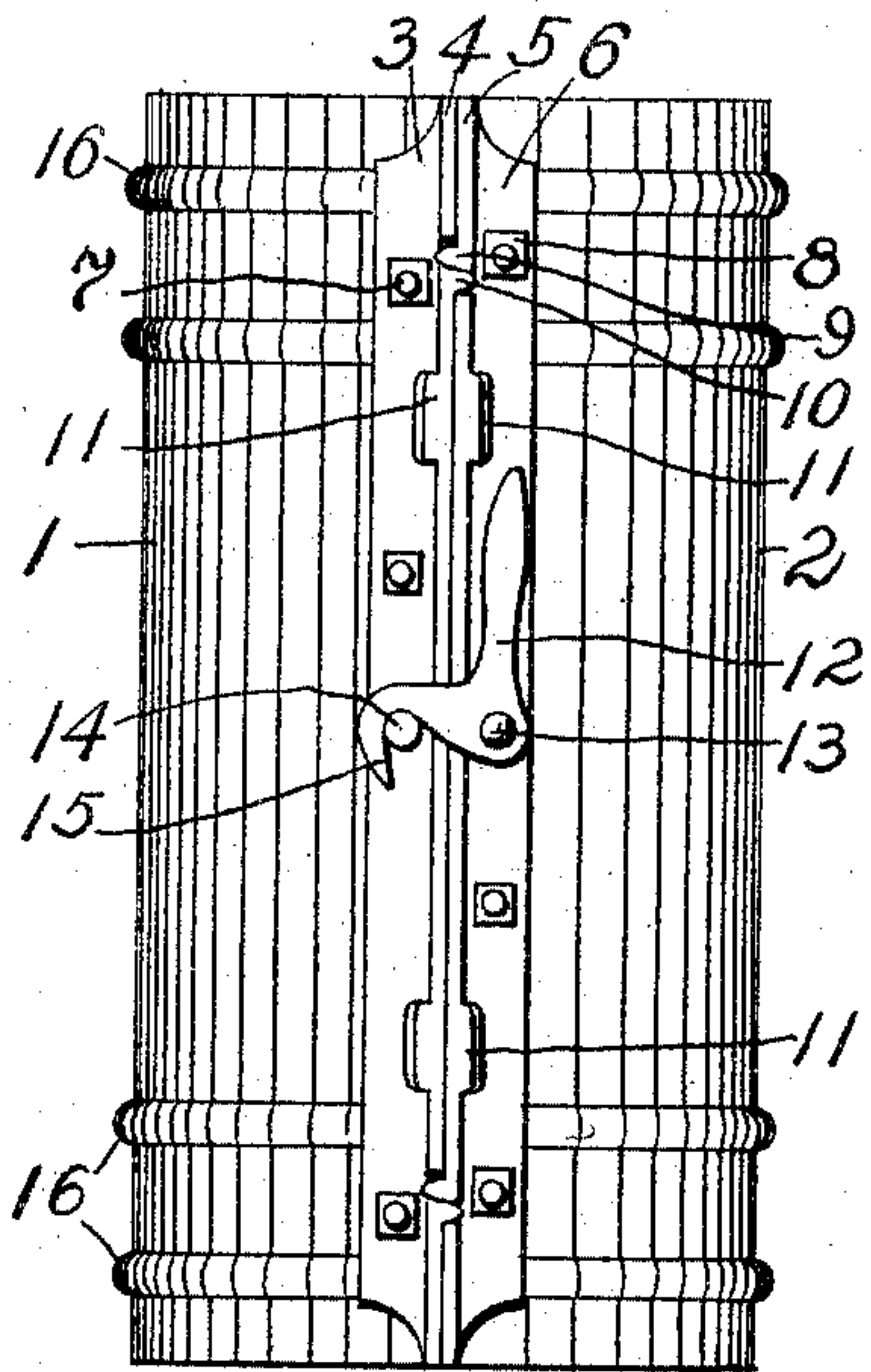


Fig. 2.

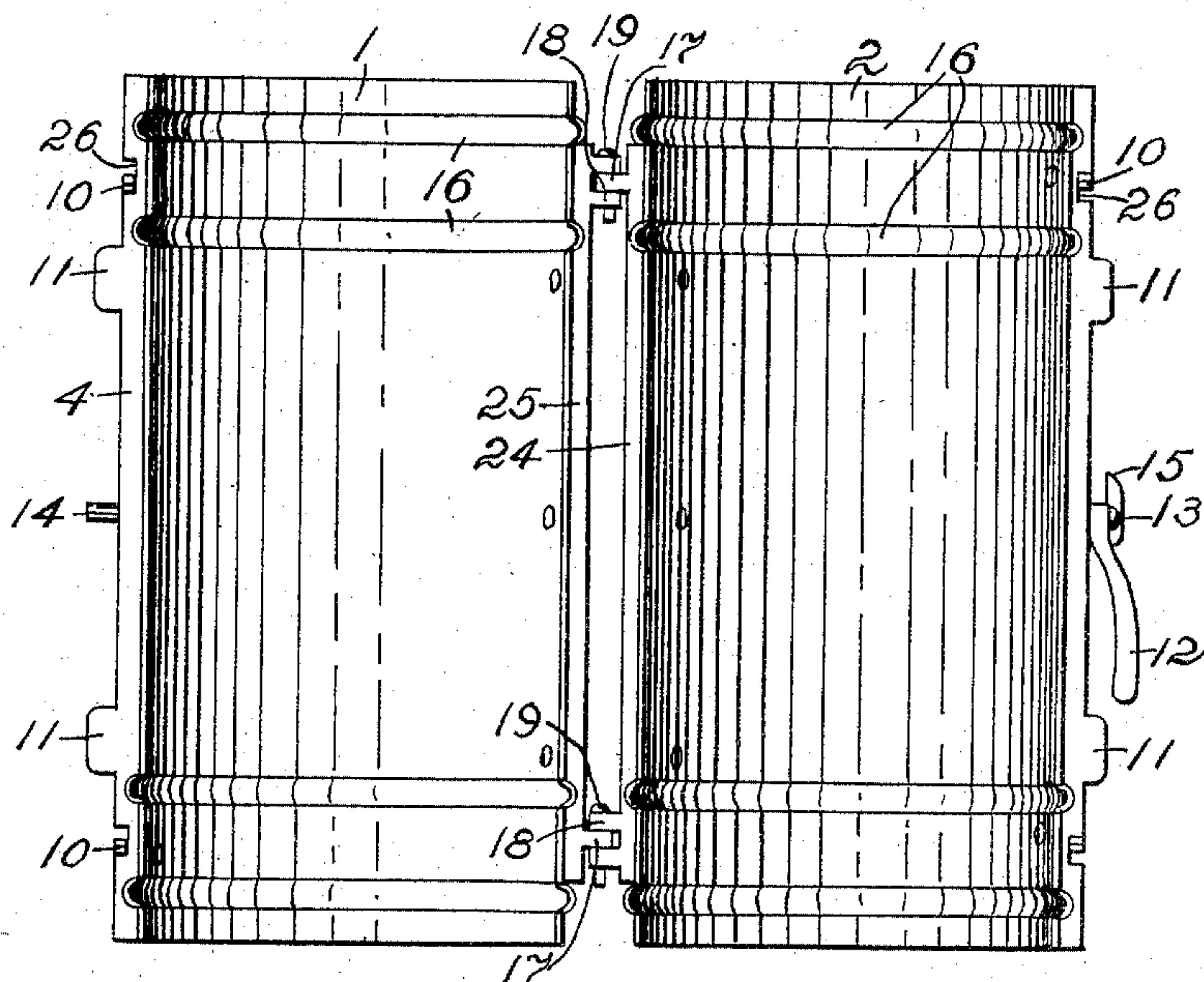
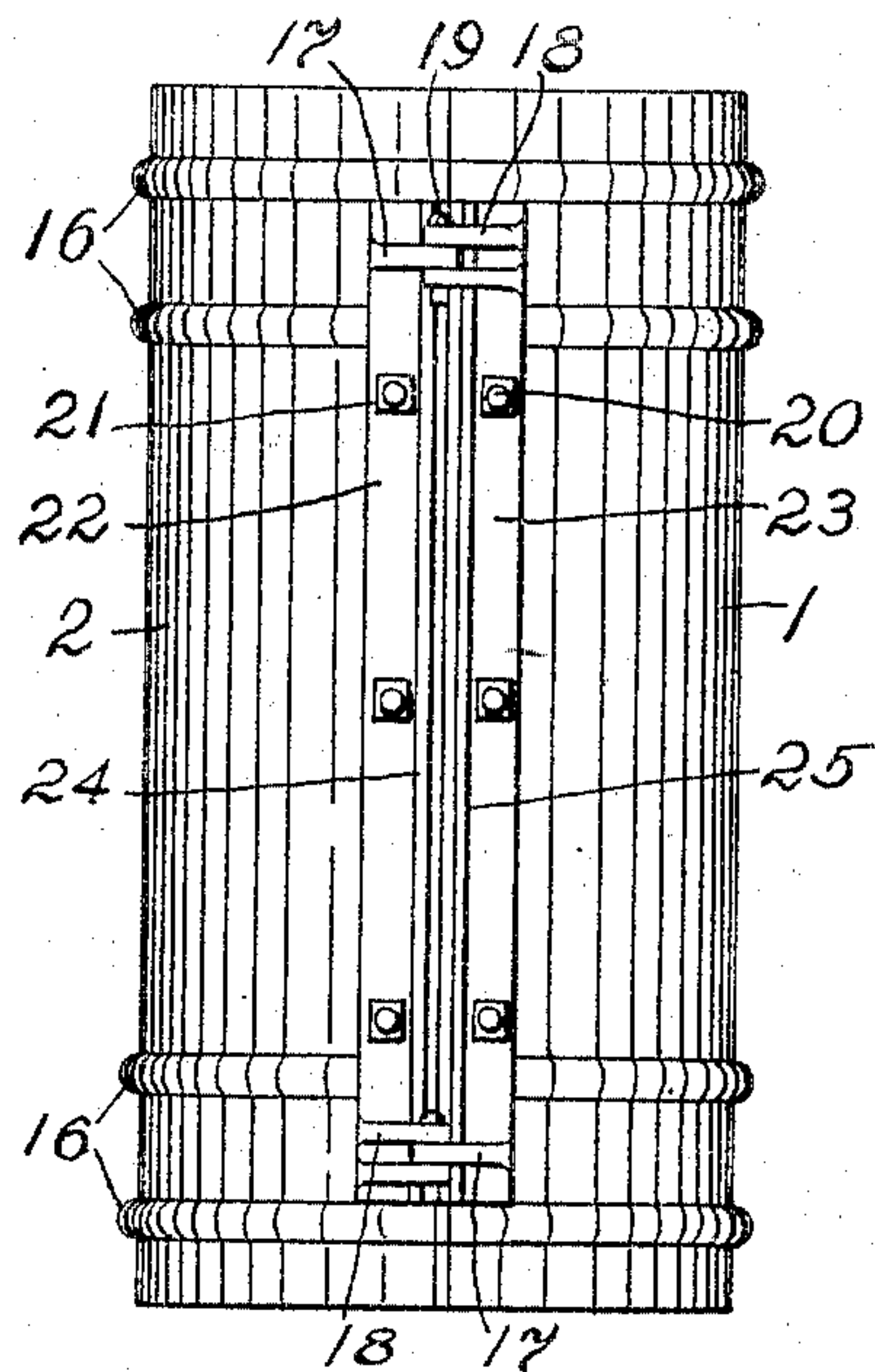


Fig. 3.

WITNESSES:

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## TILE-MOLD.

No. 928,162.

Specification of Letters Patent.

Patented July 13, 1909.

Application filed July 5, 1907, Serial No. 382,271. Renewed May 8, 1908. Serial No. 431,697.

*To all whom it may concern:*

Be it known that I, JOHN H. STEWART, a citizen of the United States of America, and a resident of Waterloo, Blackhawk county, Iowa, have invented certain new and useful Improvements in Tile-Molds, of which the following is a specification.

My invention relates to improvements in tile-molds, and the object of my improvements is to provide an improved cylindrical two-part mold having resilient walls, and whose parts have reversible hinge connections, and also convenient means for drawing together and securing to each other the registering free edges of the semi-cylindrical parts of said mold. This object I have attained by the means which are hereinafter described and claimed, and which are illustrated in the accompanying drawings, in which—

Figure 1 is a front elevation of my improved tile-mold showing the securing catches and registering means. Fig. 2 is a rear elevation, showing my reversible hinge connections. Fig. 3 is an elevation, showing the two semi-cylindrical parts of the mold from the inside and as separated from each other to the widest extent.

Similar numerals refer to similar parts throughout the several views.

My tile-mold is particularly designed to be used as the outside former for tiles made of a material of a soft yielding consistency, such as cement mixed with sand. It is composed of two semi-cylindrical parts, 1 and 2, which when placed so as to have their vertical edges in contact, and secured together form a cylinder. At the rear the plates 22 and 23 are fastened to the parts 2 and 1 respectively along their vertical edges, such plates having flanges 24 and 25 respectively which are parallel to each other, but spaced apart. The plates aforesaid are secured to the parts 2 and 1 by means of bolts 20 and nuts 21. The plate-flanges 24 and 25 have near their ends projecting and engaging members 17 and 18, as shown in Fig. 2, the member 17 in each case being received between the members 18 and all having registering apertures

in which pintles 19 are inserted to form hinge-connections. Each of the plates has a single member 17 at one end and a two-part member 18 at the other end, and by this arrangement, the two plate-connections are interchangeable and reversible.

At the front, the parts 1 and 2 have facing-plates 3 and 6 along their vertical edges respectively, with flanges 4 and 5 which are adapted to contact with each other when drawn together. These flanges are recessed at the points indicated by the numeral 26, such recesses being adapted to receive the tongues 10 on the other contacting flange to cause such flanges to truly register with each other throughout. Each flange has thumb-pieces 11 which are set opposite to each other and used as fingerholds by which to draw such flanges together to overcome the resiliency of the walls of said semi-cylinders. On a stud 13 is pivoted a latch 15 having a handle 12, the latch 15 being recurved in such a manner as to have its point pass beyond the dead-center when turned over to contact and clutch the catch 14, as shown in Fig. 1.

The walls of the semi-cylinders 1 and 2 are constructed of thin metallic plates and are resilient, so as to tend to spring a certain distance apart, when the latch 15 is detached from the catch 14. The said semi-cylinders are furnished with parallel inwardly opening corrugations 16, and when said mold has been secured together and the tile-material deposited within it, such material fills the concavities of the inner sides of the corrugations, and holds the tile securely therein, so the mold with the soft formed tile within it may be moved from place to place without said tile slipping out.

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

A tile-mold composed of separable halves of resilient material provided with inwardly opening parallel corrugations and having registering edges at front and rear, the rear edges being hinged together, and the front edges provided with contacting plates having

parallel flanges, a tongue projecting from  
each flange adapted to enter and contact  
with a recess opposite to it on the other  
flange, finger-hold projections on each flange  
5 set opposite to each other, a catch on one  
plate and a recurved latch pivoted to the  
other plate, the point of said latch being  
adapted to contact and pass about said catch

beyond the dead-center to secure said sep-  
arable halves together. 10

Signed at Waterloo, Iowa, this 15th day  
of June, 1907.

JOHN H. STEWART.

Witnesses:

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