

No. 845,146.

PATENTED FEB. 26, 1907.

P. THOMANN.  
BRICK PRESS.

APPLICATION FILED JUNE 22, 1905. RENEWED JAN. 8, 1907.

Fig. 1.

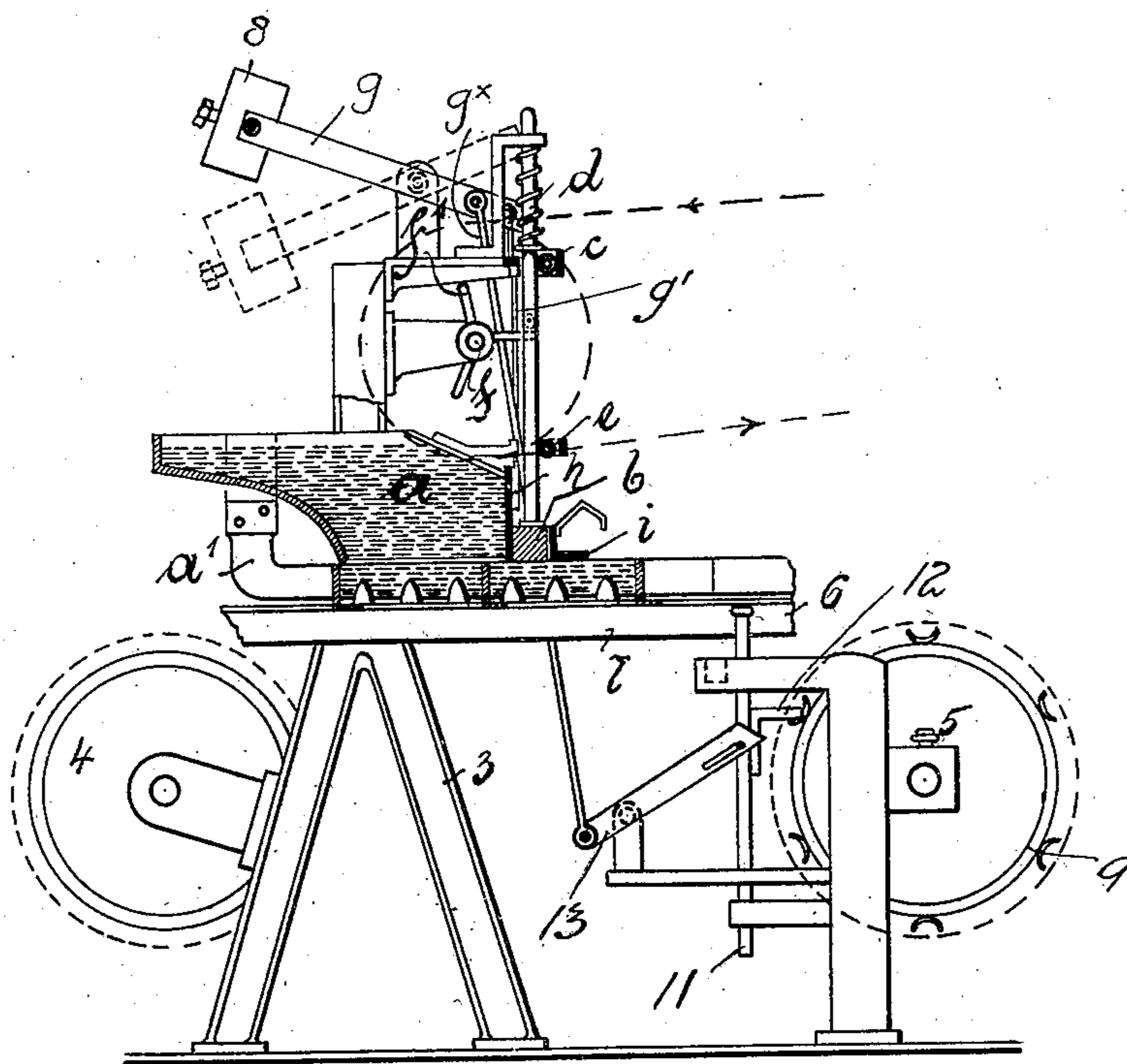
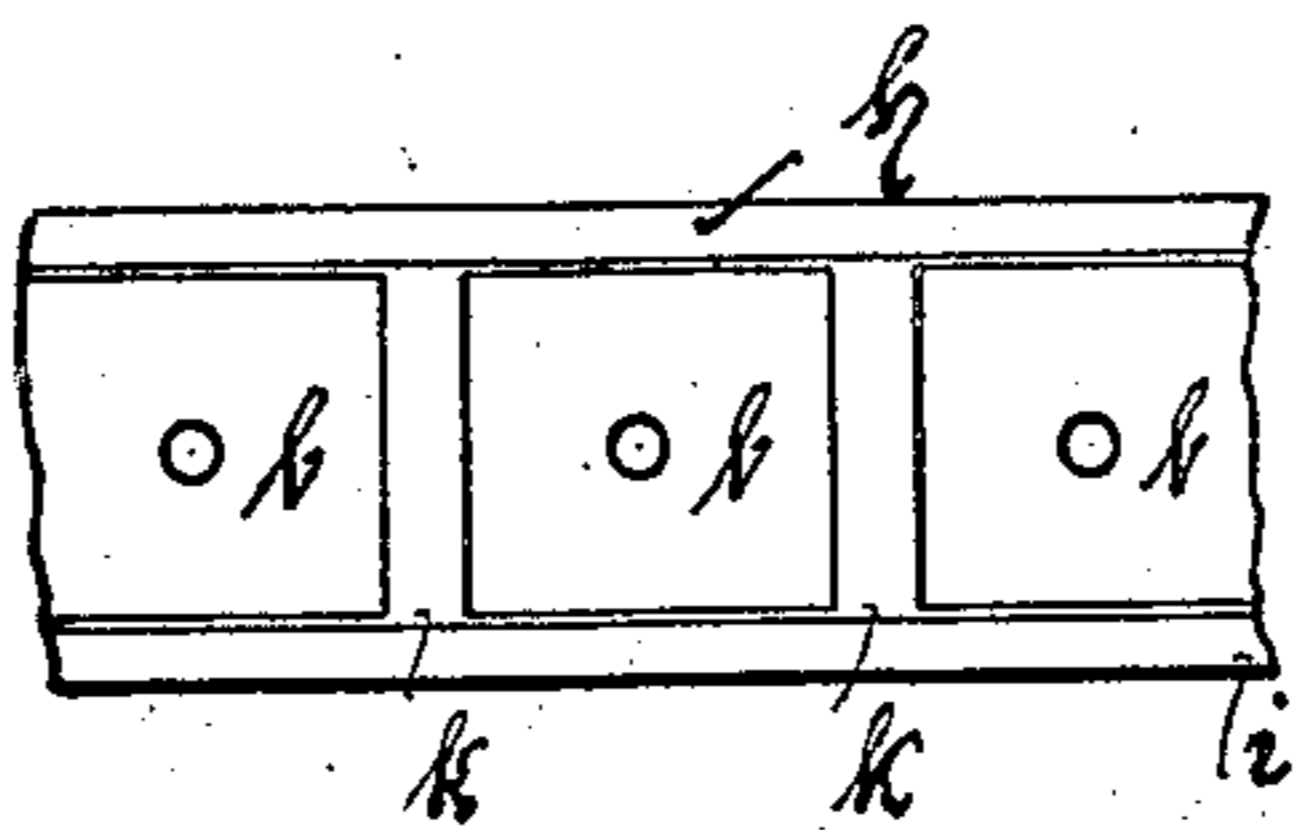


Fig. 2.



Witnesses.

*Walter*

*Paul Mayer*

Inventor.

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# UNITED STATES PATENT OFFICE.

PAUL THOMANN, OF HALLE-ON-THE-SAALE, GERMANY.

## BRICK-PRESS.

No. 845,146.

Specification of Letters Patent.

Patented Feb. 26, 1907.

Application filed June 22, 1905. Renewed January 8, 1907. Serial No. 351,394.

*To all whom it may concern:*

Be it known that I, PAUL THOMANN, a subject of the German Emperor, residing at Halle-on-the-Saale, Germany, have invented  
5 new and useful Improvements in Brick-Presses, of which the following is a specification.

The present invention relates to improvements in brick-presses; and the object of the  
10 invention is to provide a simple, durable, and efficient form of press.

The invention includes the features of construction and arrangement of parts herein-  
after described, and particularly set forth in  
15 the appended claim.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a sectional elevation. Fig. 2 is a detail plan view.

20 Referring by reference characters to the drawings, the numeral 3 designates a suitable frame, on which are journaled a pair of drums 4 and 5, over which passes an endless mold-conveyer band 6. This, however, is shown  
25 only in dotted lines, as it forms no part of the present invention.

The molds move over a mold-supporting table 7, supported by the frame 3. Above this table is supported a hopper *a* for the material, the hopper being held spaced sufficiently above the table to permit the molds  
30 to pass under the hopper and being held or supported by side brackets *a'*. The front of the hopper is closed by a movable slide *h*,  
35 which is operated in a suitable manner by the lever *g* and link *g'*, connecting said lever to the slide. Lever *g* is provided with a weight 8, and said lever is operated from wheel 9, having tappets 10 thereon, by means

of a reciprocating rod having a tappet 12 40 thereon, which is engaged by the tappets 10, and a two-armed lever 13, having one arm connected to the rod 11 and its other arm connected by link *g<sup>x</sup>* to the lever *g*. Directly in front of slide *h* is a stamp or plunger 45 *d*, having its rod held in suitable guides *c* and *e* and its upper portion pressed upon by a spring *d*. The plunger is raised against the tension of the spring by the arms *f'* on the shaft *f*, driven by suitable means, such as 50 belt-pulley and belt. (Indicated in dotted lines.)

Preferably I arrange a plurality of stamps side by side, as indicated in plan in Fig. 2, so as to operate on the material contained in a 55 plurality of molds at once.

Adjoining the stamps is a scraper *i*, serving to smooth the material filled into the molds.

Having thus described my invention, what 60 I claim is—

A brick-press comprising a hopper, a vertically-movable slide closing the front of the hopper, a passage beneath said hopper, a mold in said passage, means for moving the 65 mold, a scraper forming with the slide a guideway, a stamper adapted to move in said guideway, a spring tending to press said stamper downwardly and a cam for raising 70 the stamper.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

PAUL THOMANN.

Witnesses:

RUDOLPH FRICKE,  
S. P. WARNER.