

R. B. LANUM.

Molds for Concrete Articles.

No. 169,179.

Patented Oct. 26, 1875.

Fig. 1.

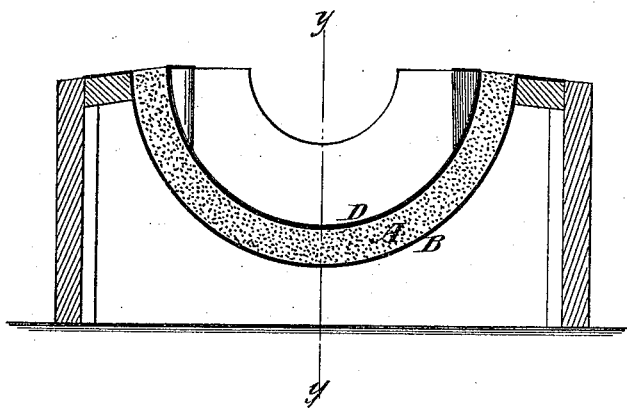


Fig. 2.

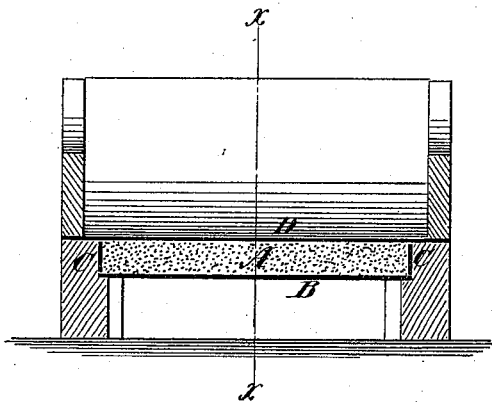
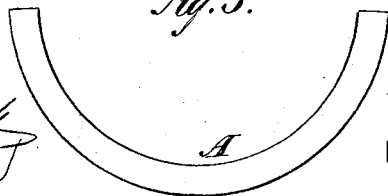


Fig. 3.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

RICHARD B. LANUM, OF MOUNT STERLING, OHIO.

## IMPROVEMENT IN MOLDS FOR CONCRETE ARTICLES.

Specification forming part of Letters Patent No. **169,179**, dated October 26, 1875; application filed September 11, 1875.

*To all whom it may concern:*

Be it known that I, RICHARD B. LANUM, of Mount Sterling, in the county of Madison and State of Ohio, have invented a new and Improved Mold for Concrete Articles, of which the following is a specification:

My invention consists of metal linings to concrete molds having loose joints to let the water escape, the object being to use metal for its smoothness and capability to make sharp angles, and at the same time have the lining so that it will not obstruct the escape of the water as it would if the lining was completely connected, which would retain the water and thus lose much time in drying the articles molded.

Figure 1 is a section of a mold for articles of concrete with linings contrived according to my invention, the section being taken on the line *xx* of Fig. 2. Fig. 2 is a section on line *yy* of Fig. 1. Fig. 3 is an end elevation of the concrete article formed in the mold.

Similar letters of reference indicate corresponding parts.

The form of the mold is, in this case, such as will be used for molding a semicircular

plate or slab, A; but my invention applies to molds of any form. B is the bottom, C the end, and D the top linings, of sheet zinc or any other sheet metal that may be suitable; but instead of being connected together and making water-tight pans, out of which the water could not pass, each part is separate from the other, making joints sufficiently open to allow the water ample means of escape, so that the articles molded will dry out and set sufficiently to be removed from the molds much sooner than otherwise, whereby not so many molds will be needed. The articles are also more easily removed from the molds, because the open joints prevent the suction that attends the use of tight-jointed linings.

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

Loose or open jointed metal linings, in combination with molds for concrete articles, substantially as specified.

RICHARD B. LANUM.

Witnesses:

SMILEY HUGHES,  
C. H. HANAWALT.