

No. 721,074.

PATENTED FEB. 17, 1903.

J. D. O'BRIEN.
LATHING FOR PLASTERING.
APPLICATION FILED SEPT. 30, 1902.

NO MODEL.

Fig. 1.

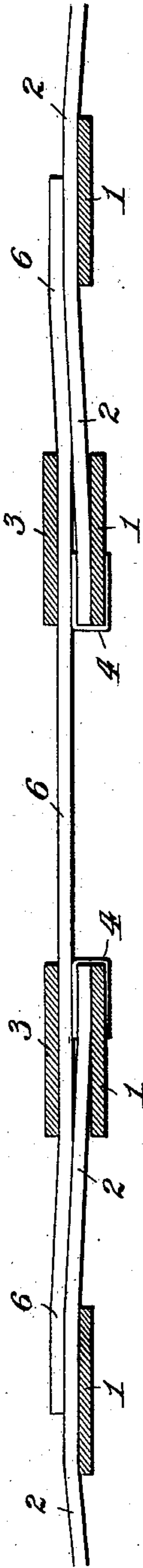
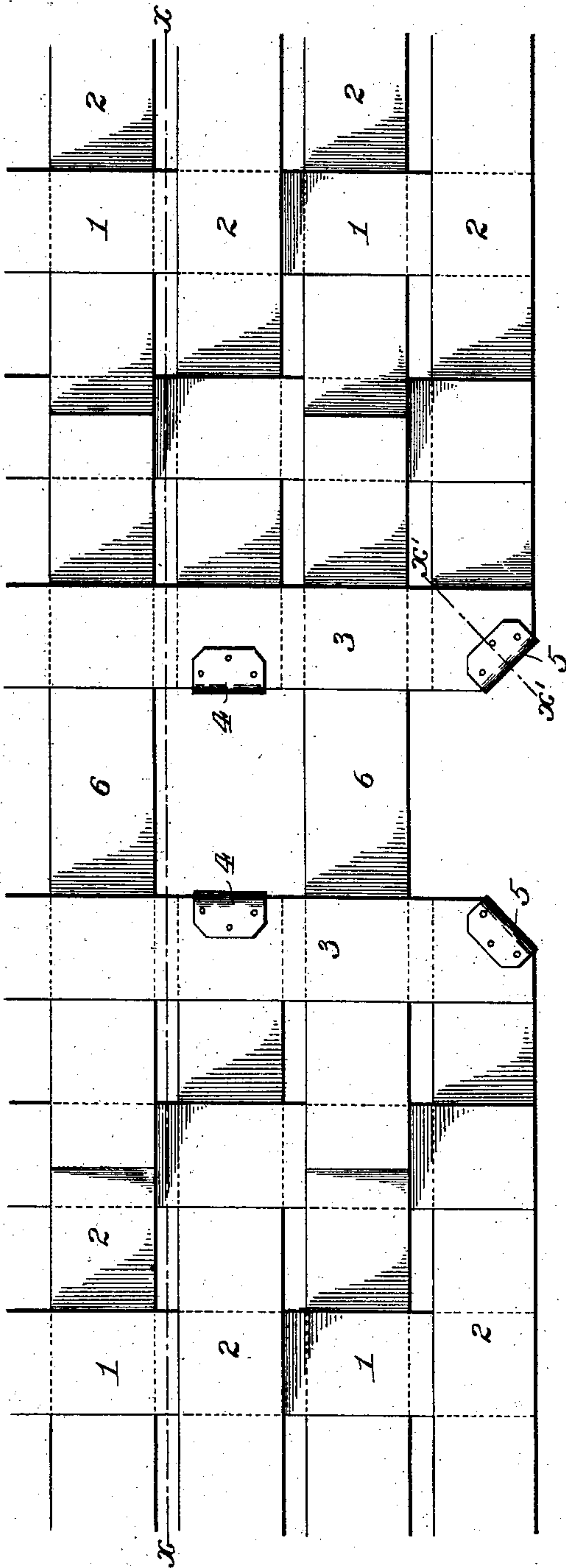
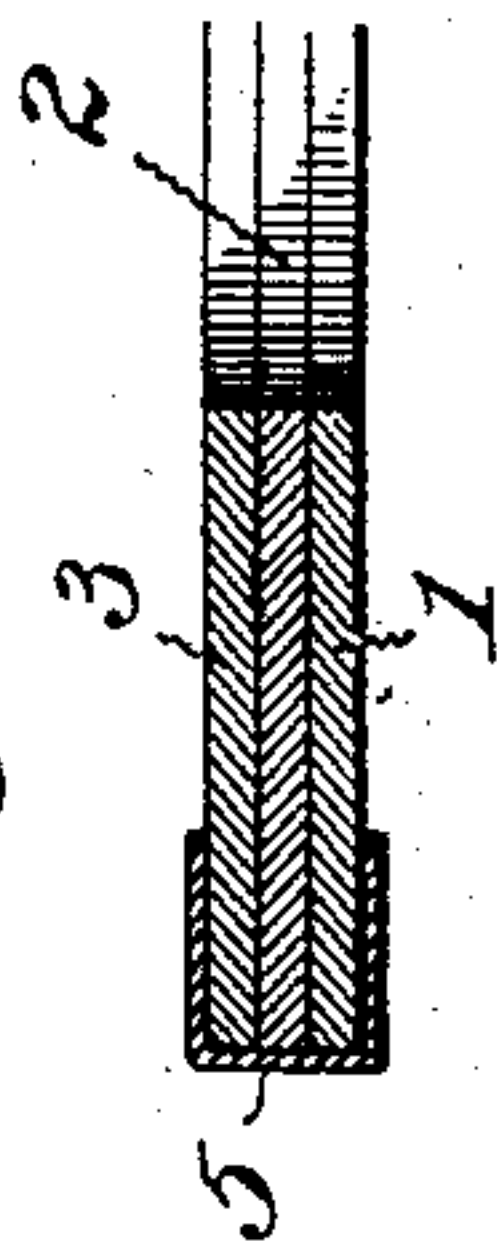


Fig. 3.



Attest:

John Enders Jr.
Henry A. Kott

Inventor:

John D. O'Brien,
by Robert Burns,
Attorney.

UNITED STATES PATENT OFFICE.

JOHN D. O'BRIEN, OF ST. LOUIS, MISSOURI.

LATHING FOR PLASTERING.

SPECIFICATION forming part of Letters Patent No. 721,074, dated February 17, 1903.

Application filed September 30, 1902. Serial No. 125,375. (No model.)

To all whom it may concern:

Be it known that I, JOHN D. O'BRIEN, a citizen of the United States of America, and a resident of the city of St. Louis and State of Missouri, have invented certain new and useful Improvements in Lathing for Plastering, of which the following is a specification.

The present invention relates to lathing used in a foundation for a coat of plaster in building operations, and has for its object to provide an efficient and convenient lathing-sheet for such uses and in which are combined the features of ready application to curved surfaces, a rapid, easy, and substantial attachment to the underlying studding, and a surface to which the imposed coating of plaster will adhere in a very effective and thorough manner to prevent subsequent checking and cracking of the plaster coat, all as will hereinafter more fully appear and be more particularly pointed out in the claims. I attain such objects by the construction and arrangement of parts illustrated in the accompanying drawings, in which—

Figure 1 is a plan view showing end fragments of two adjacent sections of lathing interlaced together in accordance with the present invention; Fig. 2, a sectional elevation of the same at line $x x$, Fig. 1; Fig. 3, an enlarged detail view at line $x' x'$, Fig. 1.

Similar numerals of reference indicate like parts in the several views.

Referring to the drawings, 1 and 2 represent flat flexible strips of wood of an extended width as compared to thickness and which in the present improvement are interlaced together to form a sheet of the present improved wood lathing of the required dimensions. By practical experience it has been found that a sheet of a size three feet by twelve feet is adapted for very convenient and effective application to the ordinary and usual arrangement of the studding and furring-strips in buildings.

The present sheet-lathing has especial advantage over the ordinary metallic lathing heretofore used in the following particulars, to wit: Nails can be driven through any part of the sheet to effect a substantial attachment to the underlying studding or furring-strips,

and, what is of still greater moment, a surface is afforded to which the imposed coating of plaster will adhere in a very intimate and effective manner to prevent the subsequent checking and cracking of the plaster in the drying out of the same. The non-adherence of the plaster to the surface of metallic lathing and the consequent checking and cracking of the plaster coat has been a serious obstacle to an extended use of such lathing in the finer class of buildings.

3 represents reinforce end strips arranged at the end of the section of lathing and which in the present improvement are secured to the cross-strips 2 in an individual manner by sheet-metal clips 4 or other equivalent means and in a manner to leave a free space between a reinforce-strip 3 and a companion end strip 1 for the reception of the interlacing strip, hereinafter described, by means of which two sections of lathing are connected together.

5 represents clips securing the different strips composing the lathing together at the corners of the same.

6 represents lacing-strips, of wood, having a thin and flat formation similar to that of the strips 1 and 2 and of a comparatively short length. Such lacing-strips are adapted to interlace two adjacent ends of lathing-sections together when the same do not meet over a studding by being interwoven into the respective ends of such lathing-sections and preferably by insertion in the free spaces heretofore described between the end strips 1 and 3. As so interlaced a continuous nature is imparted to the different series of lathing-sections when applied, so that the securing of the same in place can be conveniently and rapidly effected. The present construction affords a very light and substantial lathing-surface and which at the same time is adapted to be bent to fit curved surfaces in buildings either concave or convex in curvature.

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

1. As an improved article of manufacture, sheet-lathing consisting of flat flexible strips

of wood, of an extended width as compared with the thickness, interlaced together in an open manner to constitute a plaster foundation and afford a surface to which the plaster
5 coating will adhere in a very intimate manner.

2. A lathing for plastering comprising a series of thin and flat strips of wood woven or interlaced together in an open manner, reinforce-strips at the ends, and interlacing strips

adapted to interlace with an adjacent section of lathing, substantially as set forth.

Signed at St. Louis, Missouri, this 25th day of September, 1902.

JOHN D. O'BRIEN.

Witnesses:

JAMES O'REILLY,
THOS. S. BOWDEN.