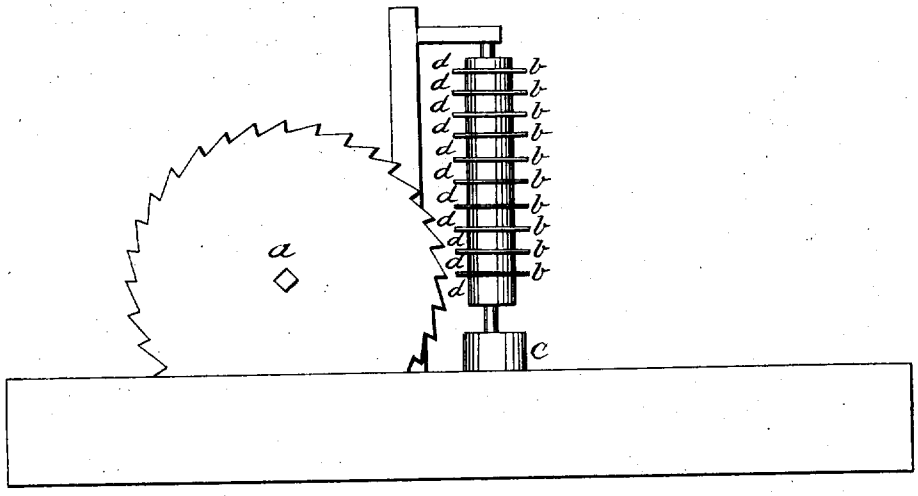
8539X

S. & C. Horrard.

Making Laths.

Patented Dec. 17, 1834.



AM. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS.)

Dec 7 1839

Seba & Caleb Howard Easton Mass.

Letters Patent

-8539X-

The Schedule hereunto annexed to be taken as a part of this specification containing a description of the said Seba Howard & Caleb Howard themselves of their improvement in the Lath-machine

To all to whom these presents shall come, Be it known that We Seba Howard of Easton in the County of Bristol in the State of Massachusetts and Caleb Howard of West Bridgewater in the County of Plymouth in said State have invented a new and useful improvement in the mode of splitting and sawing the Lath machine so that the Laths are completed at one operation. and the following is a full and exact description thereof. The upright saw (or saws if hung on frame) is the usual way. Our improvements consists in placing either before or behind the upright saw one or more horizontal circular saws to be driven by a belt from the upright saw shafts or otherwise. These horizontal saws are fixed upon a perpendicular shaft having an upright frame at such distance from each other as may be necessary to saw the Laths of the necessary width or thickness these distances may be varied by increasing or diminishing the thickness of the pillars which is placed upon the shafts between them and they may be so varied as to have the saw the edge when the upright saw cuts the side of the Laths or vice versa. We claim as our invention the application of one or more horizontal saws so placed that Laths may be sawed from a block at one position as described above. We make the large upright saw about thirty inches in diameter and the horizontal saws about seven inches in diameter. The frame which holds the blocks from which the Laths are to be sawed is fastened to a moveable carriage which moves forward the saw the width or thickness of a Lath each time the carriage returns to its first position by a rack and falling dogs in the usual way. The teeth of the saw are sawed so that the Laths may be sawed edgeways or flatways as may be desired. We claim on the ends of the machine where the horizontal circular saws and the pinions are for their operation as described above by which Laths may be sawed complete at one operation. In testimony that the above

