Aug. 3, 1926. 1,594,836

J. D. INGRAM

MASON'S LINE HOLDER

Filed Nov. 12, 1924

Fig. 1.

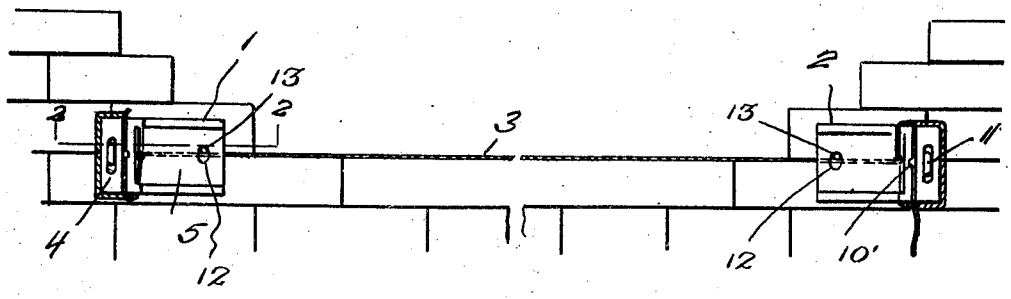


Fig. 2.

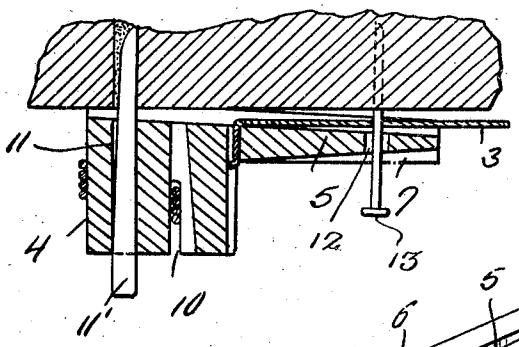
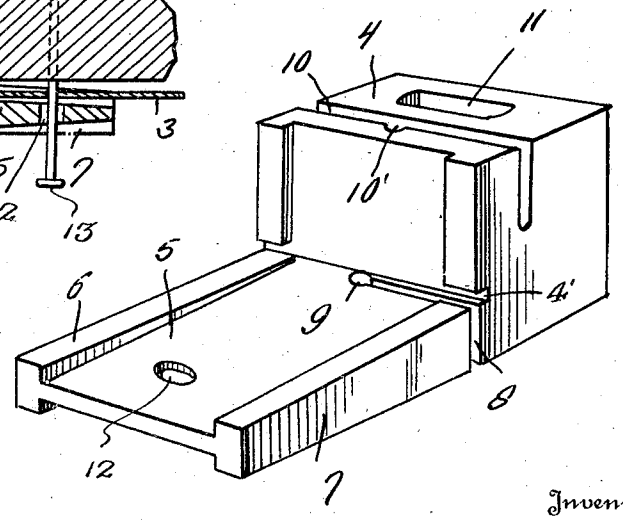


Fig. 3.



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UNITED STATES PATENT OFFICE.

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MASON'S LINE HOLDER.

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This invention relates to new and useful improvements in line holders principally adapted for use by masons or bricklayers and has for its principal object to provide a simple and efficient means whereby a line may be held in a taut condition so as to enable the mason to lay a row of bricks in proper alignment.

Another important object of the invention is to provide a line holder of the above mentioned character, wherein the same is of such a construction as to facilitate the ready adjustment of the same from one row of bricks to the next adjacent row, thus saving considerable time and labor in positioning the line previous to the laying of the row of bricks.

A still further object of the invention is to provide a line holder of the above mentioned character, which is simple in construction, inexpensive, strong and durable and furthermore adapted for the purposes for which it is designated.

Other objects and advantages of this invention will become apparent during the course of the following description.

In the accompanying drawing forming a part of this specification and in which like numerals designate like parts throughout the same:

Figure 1 is a side elevation showing my invention in use.

Figure 2 is a sectional view taken approximately on line 2—2 of Figure 1, and

Figure 3 is a detail perspective view of one of the blocks.

In the drawing wherein for the purpose of illustration is shown the preferred embodiment of my invention, the numerals 1 and 2 designate a pair of cooperating supporting blocks with which is associated the line 3 and the blocks provide the means for holding the line in a taut condition in the manner hereinafter to be more fully described. As the blocks are of substantially the same construction, the description of one is thought to suffice for the description of both.

Each of the members comprises a block portion 4 and extending outwardly from the base of each block is the extension 5. The extension comprises the side flanges 6 and 7 respectively, and the bottom faces of the side flanges taper gradually toward the outer end of the extension in the manner clearly illustrated in Figures 2 and 3 of the drawing. The extension 5 also tapers gradually from the block 4 to the outer end of the extension in the manner clearly illustrated in Figure 2.

The extension 5 is provided with a transversely extending slot 8 adjacent each block and terminates in the central opening 9. The slot 8 extends inwardly from one of the sides of the extension in the manner clearly illustrated in Figure 3. The purpose of the provision of the slot 8 in the extension of each block is to provide a means for receiving the line or cord 3. The cord extends over the bottom face of the extension on each block and is received in the slot and the central opening provided therein in the manners illustrated in Figures 1 and 2 of the drawing. The inner face of each block is undercut at the juncture with extension 5 as illustrated at 4′ in Figure 3 to permit the cord to more easily enter the slot 8.

After the line has been drawn taut, the ends thereof extend over the upper face of each extension and around one side of each block and is then inserted in the slot 10 provided in the upper faces of the blocks in the manner clearly illustrated in Figures 1 and 2 of the drawing. The ends are then wrapped around the outer side portions of the blocks so as to prevent any possibility of the line or cord from unwinding and will enable the line to be held in a taut condition without having to place knots in the line.

For securing the blocks in proper position I provide each block with a vertically extending opening such as is shown at 11 for the reception of a stake which is adapted to be driven into the mortar in the manner shown in Figure 2. The stake 11′ will hold each block in proper position so that the line 3 will extend in proper alignment with the last row of bricks so that an additional row of bricks may be placed on the last adjacent row and in such a manner as to secure the proper positioning of the row of bricks thereon in the manner well known in the art.

The slot 11 is only adapted to be used for receiving the anchoring pin 11′ when the mortar is soft. However, should the mortar harden, a nail is used as the anchoring means and a vertical groove such as is shown at 10′ is provided in each of the blocks adjacent the slots 10 for receiving such fastening means, it being understood of course that the nail will be driven into the hardened mortar.

For further securing the blocks in proper position, a suitable opening 12 is formed in each extension adjacent the outer free end thereof and this opening is preferably located at a point intermediate the sides of the extension. A nail or the like such as is shown at 13 is driven through each opening 12 into the mortar between one row of bricks and the next adjacent row which is to be formed above the aforementioned row. When the nails are in position, the cord 3 will engage the under side of the nails and by having the openings 12 of a suitable diameter, the brick layer or mason can readily see whether or not the cord or line is disposed properly across the bricks.

It will thus be seen from the foregoing description, that a line holder has been provided which is simple in construction, inexpensive, strong and durable and further so arranged as to enable the same to be easily and readily adjusted without necessitating the untying of the cord or line each time the blocks are moved.

While I have shown the preferred embodiment of my invention, it is to be understood that various changes in the size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention and the scope of the appended claim.

Having thus described the invention, what I claim is:—

A line holder comprising a block, an extension formed on the base thereof, the inner face of the block being under cut at the juncture of the block with the extension, said extenison being provided with an opening adjacent the inner face of the block, the extension being further provided with a slot which extends from the side of the same and communicates with the opening, said block being provided with a line receiving slot in the upper portion thereof, the block and the extension being further provided with anchoring member receiving openings respectively.

In testimony whereof I affix my signature.

J. D. INGRAM.