

*W. J. Bender,*

*Attaching Marble Tops to Wash Stands.*

*No. 113,388.*

*Patented Apr. 4, 1871.*

Fig. 1.

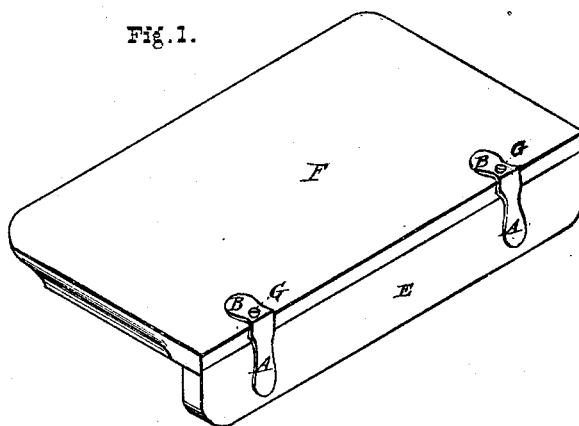
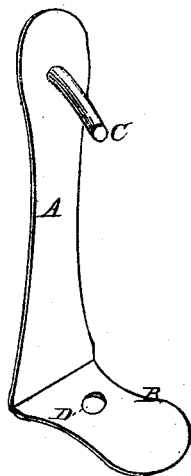


Fig. 2.



Witnesses.

*Ed. Mente*  
*C. A. Poole*

Inventor.

*William J. Bender,*  
*by Prindle and Hyer,*  
Attys.

# United States Patent Office.

WILLIAM J. BENDER, OF CINCINNATI, OHIO.

Letters Patent No. 113,388, dated April 4, 1871.

## IMPROVEMENT IN ATTACHING MARBLE TOPS AND BACKS OF WASH-STANDS.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, WILLIAM J. BENDER, of Cincinnati, in the county of Hamilton and in the State of Ohio, have invented certain new and useful Improvements in Attaching together Marble Tops and Backs for Wash-Stands; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a perspective view of the lower and rear sides of a marble-top for a wash-stand, showing the means employed for securing said parts together; and

Figure 2 is an enlarged perspective view of the fastening used.

Letters of like name and kind refer to like parts in each of the figures.

As usually constructed, vertical slabs at the rear of marble-tops for wash-stands are secured thereto by means of ordinary wood-screws passing upward through said tops into an opening drilled in the lower edge of said back, and partially filled with lead.

This method of securing together said parts is, however, open to serious objections, as the joint possesses no strength other than that afforded by the rigidity of the screws, and any strain upon the back is certain to loosen said screws within the lead filling so as to permit said back to have more or less motion whenever any jar is given to the stand.

To remove these objections is the design of my invention, which consists in the employment of a metal fastening so constructed as to embrace the lower face of the top and the rear face of the back, substantially as and for the purpose hereinafter set forth.

In the annexed drawing—

A represents a metal plate having secured to its lower end an arm, B, corresponding in width therewith, and from thence extending outward at a right angle to said plate.

A stud or pin, C, extending inward and downward

from the plate A, near its upper end, and a suitable hole, D, provided in and through the arm B, and countersunk upon its lower side, completes the fastening, which is used as follows:

A hole is drilled in the rear face of the back slab E, at a suitable height and inclination to permit of the insertion therein of the stud C and bring the lower or horizontal part B at a sufficient distance below the lower edge of said slab to permit of the insertion between the same and said arm of the top slab F, care being necessary in thus adjusting said fastening to leave no greater space below the back slab than will be closely filled by the top slab.

When thus arranged a hole corresponding in position with the opening D is drilled upward through the top slab F and into the edge of the back slab E and plugged with lead, after which an ordinary wood-screw G is inserted, completing the operation and firmly binding said parts together.

It may prove advantageous to let the arm B into the slab so as to bring their lower faces in a line, and permit said slab to rest upon a plane surface.

This device affords largely-increased strength to the joint, between the slabs and, while somewhat more difficult of application, so greatly adds to the durability of the parts as to render its use advantageous.

Having thus fully set forth the nature and merits of my invention,

What I claim as new is—

The right-angled brace or fastening A and B, provided with the stud C and opening D, for application to the vertical and horizontal slabs of a wash-stand top, substantially as and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand this 28th day of February, 1871.

WILLIAM J. BENDER.

Witnesses:

PAUL SCHUSTER,  
J. R. FROHMILLER.