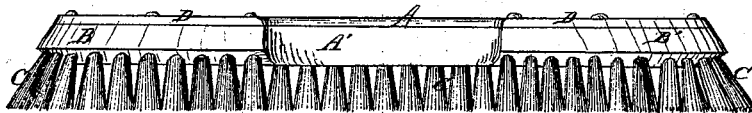


*J. Minderle,*

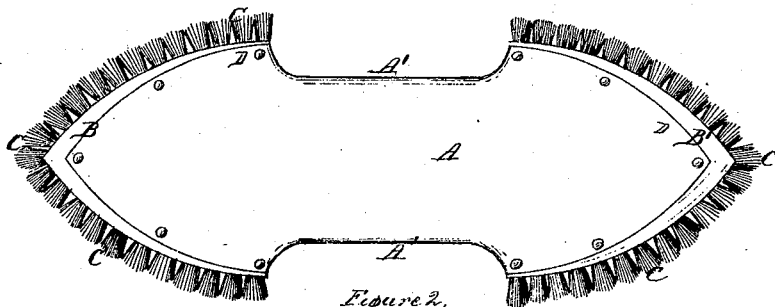
*Scrub Brush.*

*No. 107,397.*

*Patented Sep. 13. 1870.*



*Figure 1.*



*Figure 2.*

*Witnesses:*

*William W. Hertel*

*Robert Gurns.*

*Inventor:*

*Dominic Minderle*

# United States Patent Office.

DAMIAN MINDERLE, OF ST. LOUIS, MISSOURI.

Letters Patent No. 107,397, dated September 13, 1870.

## IMPROVED SCRUBBING-BRUSH.

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, DAMIAN MINDERLE, of St. Louis, in the county of St. Louis and State of Missouri, have made certain new and useful Improvements in Scrubbing-Brushes; and I do hereby declare that the following is a full and true description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

The nature of this invention is in such a construction of scrubbing-brushes that additional rows of bristles are added to the opposite heads or "double wings" of the body of the brush; and,

Secondly, this invention consists in the peculiar construction of the brush-board proper, as will hereinafter be more fully described.

To enable those herein skilled to make and use my said invention, I will now more fully describe.

Figure 1 of the drawing represents a side view.

Figure 2, a top plan.

I construct my improved brush of the body A, usually wood, having the curved heads or double wings B B'.

Furthermore, said body A is properly narrowed in the center in such manner as to form an accommodating hold, A', for the hand of the user. The hand of the user is thus also sufficiently protected, at the same time not interfering in the use of the brush, while scrubbing with the same.

The general construction, form, or outline of the brush-board A is clearly shown in the figures.

The brush-board A I provide with a proper series of holes, in which the usual bristle-brushes C are inserted, and secured, by wire fastenings, to the body-piece, in the ordinary well-known manner.

In constructing the body A of the outline presented in the figures, a large area of surface, for the insertion of the bristle-brushes C in each of the heads B B', is consequently attained. Thus strength and durability are secured to those parts of the brush most subject to wear and use.

A layer or wooden covering, D, is secured to the brush-board, as usual.

A brush is thus constructed, of any size required by the trade, possessing advantages of lasting durability and economy, easily used, and most practically effective in scrubbing the sides and corners without inconvenience to the hands of the user.

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

The brush-board A, having segment-heads B B' and narrowed center A', in combination with the bristle-brushes C, substantially as and for the purpose described.

In testimony of my said invention I have hereunto set my hand in presence of—

DAMIAN MINDERLE.

Witnesses:

WILLIAM W. HERTHEL,  
ROBERT BURNS.