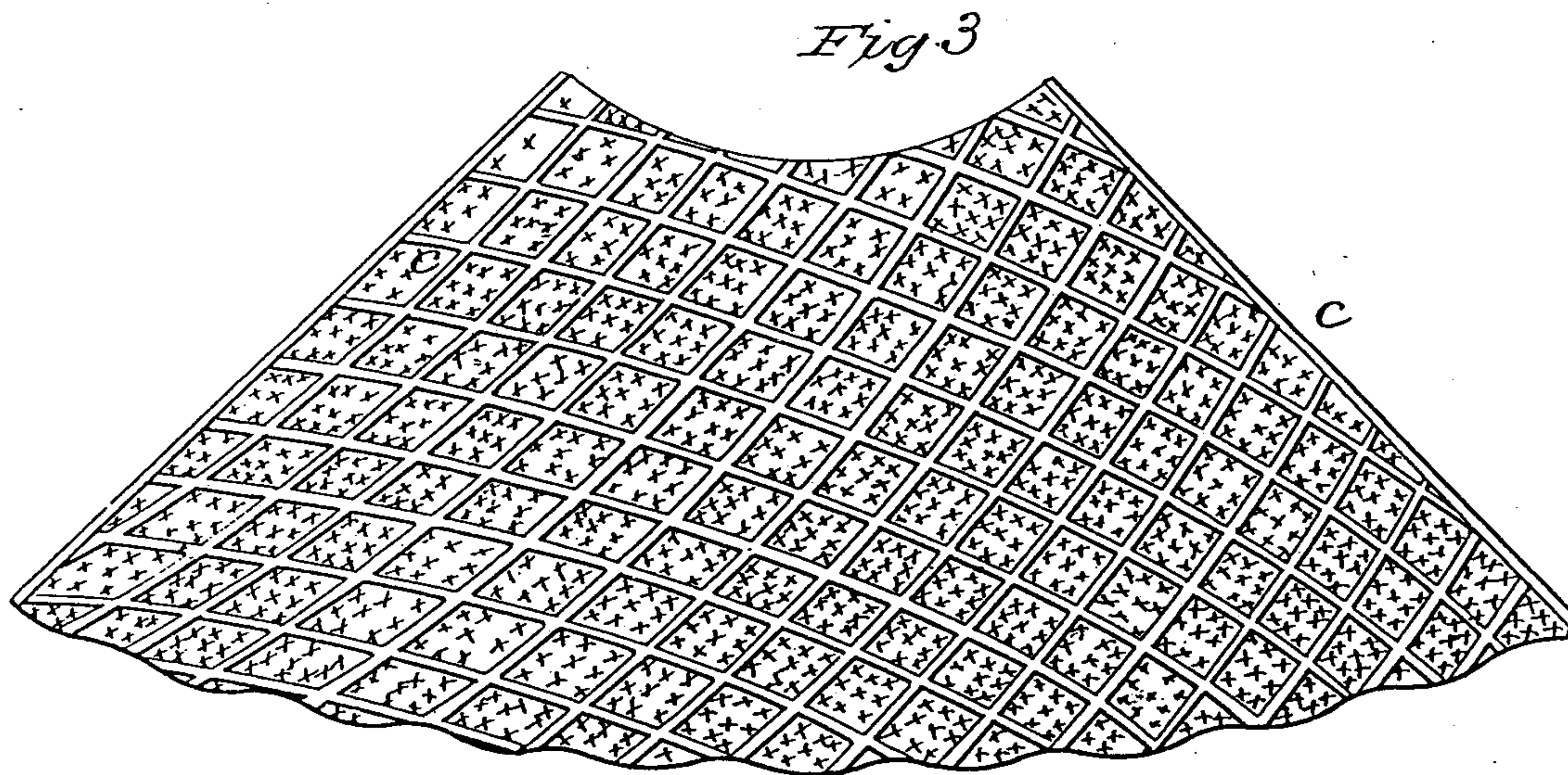
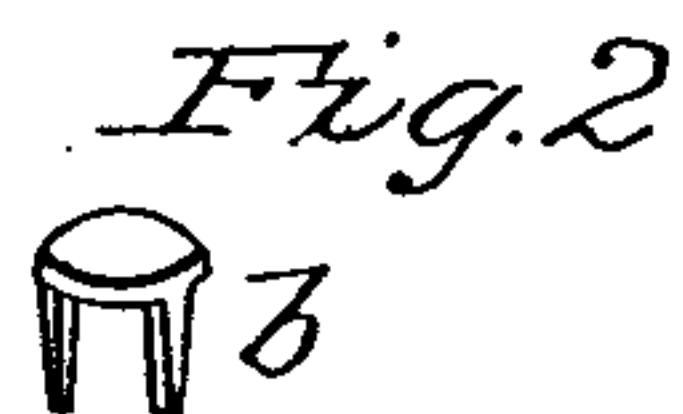
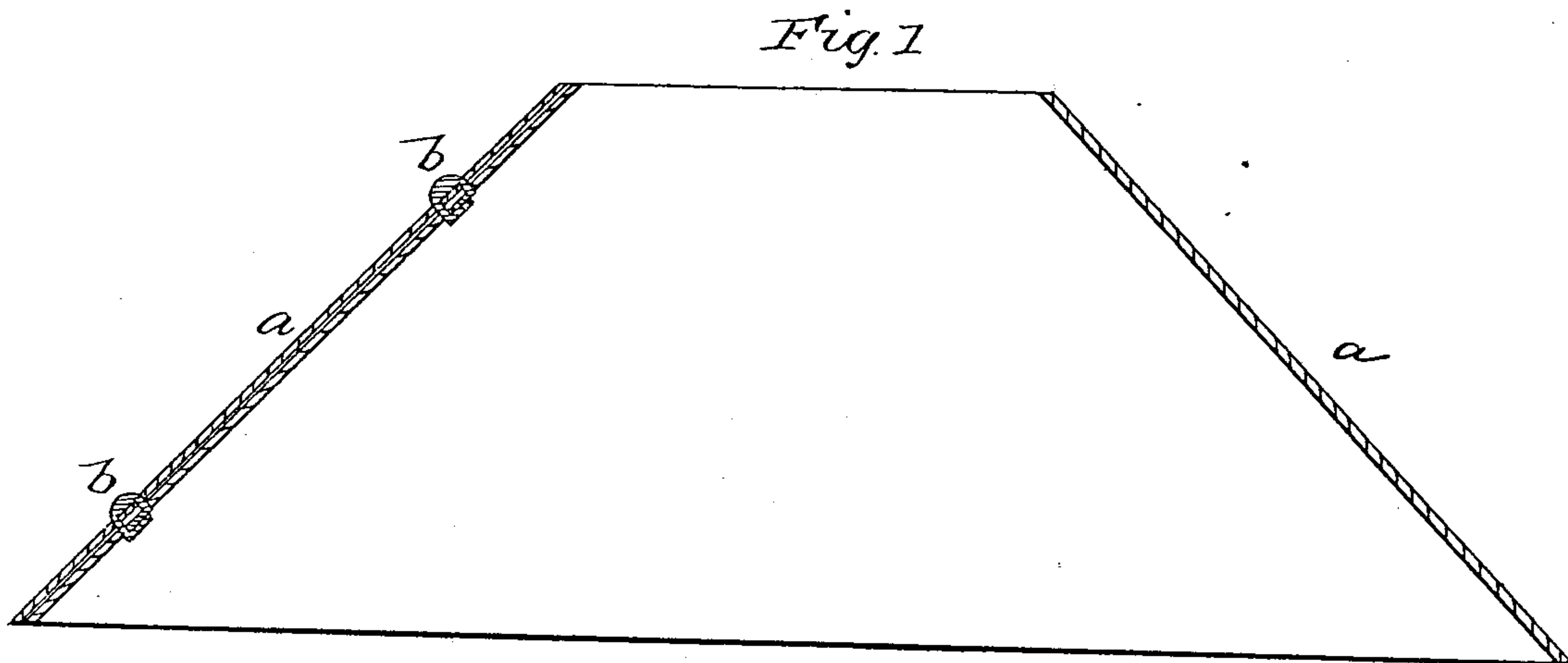


G. WEDEKIND.

Lamp Shade.

No. 97,463.

Patented Nov. 30, 1869.



WITNESSES

W. A. McKimley  
Wm. Benson

INVENTOR

G. Wedekind

# United States Patent Office.

GUSTAVUS WEDEKIND, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 97,463, dated November 30, 1869.

## IMPROVEMENT IN LAMP-SHADES.

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, GUSTAVUS WEDEKIND, of Philadelphia, Pennsylvania, have invented a new and useful Reflecting-Shade for Lamps and Gas-Lights; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, in which—

Figure 1 is a vertical section of the shade through the metallic buttons employed as fastenings.

Figure 2, a perspective view of one of said buttons.

Figure 3, a perspective view of one-half the shade, showing the interior.

I construct my shade of a well-known paper, which, for brevity, I prefer to name argentine; said paper being of the kind which is coated on one side with a metallic composition which is applied in liquid form. The paper is subsequently prepared for my purpose by being passed between calender-rollers, by which the metallic surface of the paper is brightened, and, according to any desired pattern, embossed.

The paper being then cut into the required shape, the edges thereof are brought together, and caused to overlap, and the shanks of the metallic buttons then inserted through the overlapped edges, and bent down as fastenings.

In the drawings—

*a* represents the paper.

*b*, the buttons.

*c*, the metallic embossed inside reflecting-surface of the paper.

The paper employed by me differs from that which is coated with tin-foil stuck on, and is much less expensive in its production.

I have found, from trial, that the embossed surface is much superior, as a reflecting-surface, to a plain metallic surface, such as a plain tin-foil surface.

The metallic buttons employed by me, give the shades a neat and an inexpensive finish.

Having thus described my invention,

I claim, and desire to secure by Letters Patent, as a new manufacture—

A shade, of argentine paper, the interior or reflecting-surface of which is embossed according to any ornamental design, the overlapping edges of the paper being secured together by metallic buttons, all substantially as set forth.

G. WEDEKIND.

Witnesses:

W. A. A. MCKINLEY,

WM. I. BURNS.