

B. R. JENKINS.
Wash-Board.

No. 224,828.

Patented Feb. 24, 1880.

Fig. 1

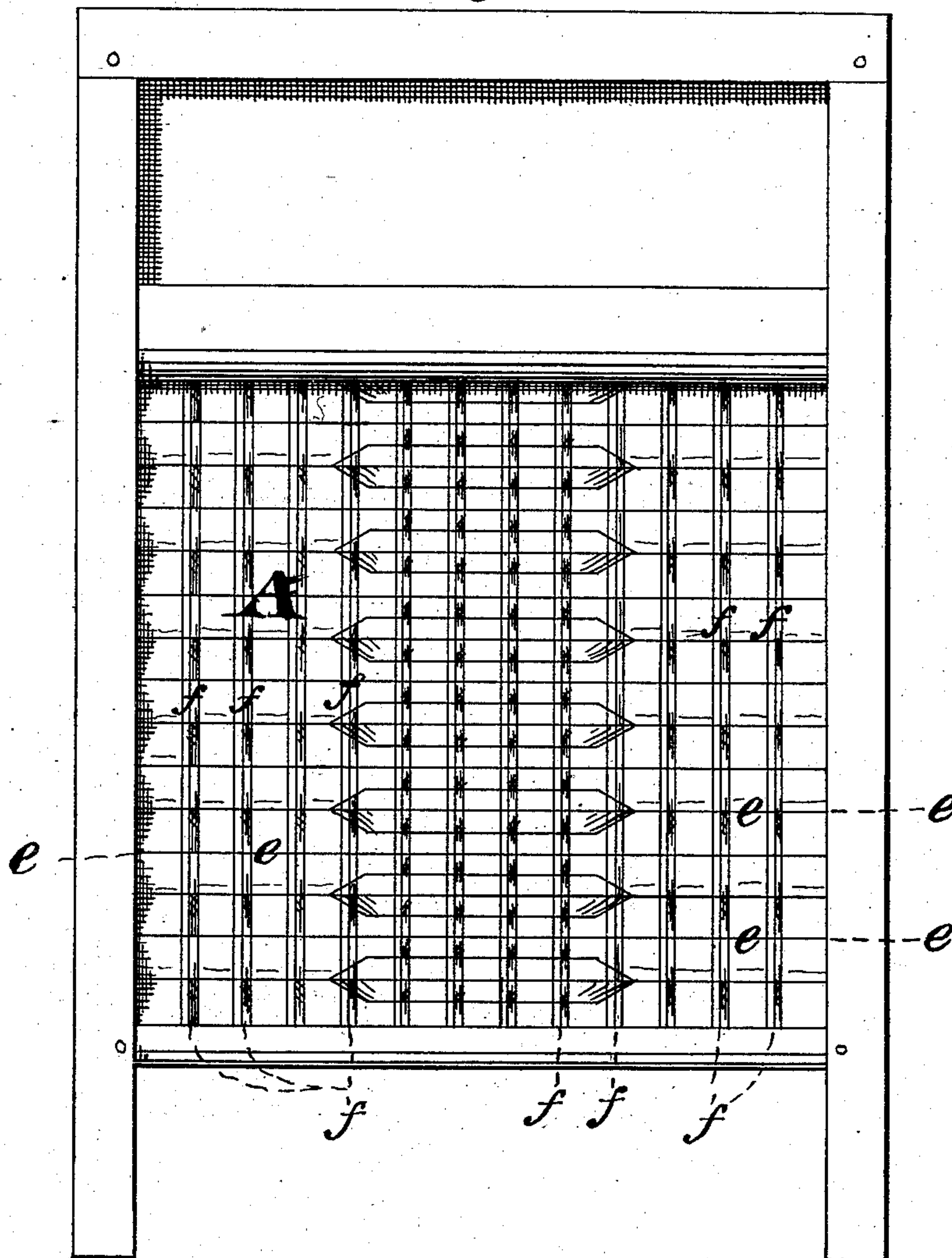
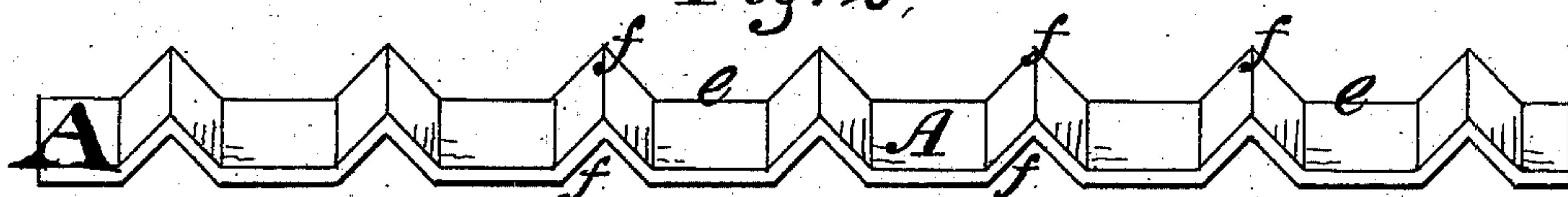


Fig. 2.



Witnesses:

R. A. Latch

J. M. Williams

Inventor,

Benjamin R. Jenkins,
By R. A. Latch
Att'y.

UNITED STATES PATENT OFFICE.

BENJAMIN R. JENKINS, OF CONKLINGVILLE, NEW YORK.

WASH-BOARD.

SPECIFICATION forming part of Letters Patent No. 224,828, dated February 24, 1880.

Application filed September 13, 1879.

To all whom it may concern:

Be it known that I, BENJAMIN R. JENKINS, of Conklingville, in the county of Saratoga and State of New York, have invented a Wash-Board, of which the following is a specification.

My invention consists in forming continuous and unbroken ridges or elevations which are to receive the wear of the clothes in the operation of washing or rubbing, said ridges or elevations being arranged in a parallel order and longitudinally to the direction of the motion of washing or rubbing, and at right angles, or nearly so, to the transverse ridges, elevations, or corrugations, or alternate elevations and depressions of the sheet-metal washing-surface, the intervening grooves or depressions between the longitudinal ridges being designed to serve the purpose of conducting away the suds. These longitudinal ridges or corrugations also serve to greatly stiffen the metal plate in respect to resistance to deflection. My invention, therefore, chiefly consists in having both the longitudinal and transverse corrugations continuous and unbroken throughout their entire length.

To enable others skilled in the art to more fully understand and construct my invention, I will proceed to describe it, as follows:

Figure 1 is a vertical elevation of my invention. Fig. 2 represents an edge view of my sheet-metal wash-board plate.

Similar letters of reference indicate corresponding parts in all the figures.

A, Figs. 1 and 2, represents the corrugated zinc or sheet-metal wash-board plate. It will be observed, by reference to Fig. 2, that the corrugations, both longitudinal and transverse, are continuous throughout their entire length, *e e*, Figs. 1 and 2, representing the

transverse corrugations, and *ff* the longitudinal ridges or corrugations. By this form of construction greater stiffness is secured to the sheet-metal plate constituting the washing-surface, as well as providing longitudinal channels or grooves to conduct the suds downward into the tub.

The ridges *ff* may touch each other at their base, so that there will be no intervening plane, as is shown at *e'*, Fig. 2, but having an undulating or zigzag conformation when viewed longitudinally. This would, of course, deepen the corrugations, and thus impart additional stiffness to the metal plate, as will be readily understood.

My sheet-metal wash-board plate may be corrugated by means of any of the well-known devices used for corrugating or stamping metal plates, being merely modified to correspond with the peculiar conformation of my invention.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A sheet-metal wash-board plate having series of longitudinal and transverse corrugations, said corrugations being continuous and unbroken throughout their entire length, substantially as set forth.

2. A sheet-metal wash-board plate having series of longitudinal and transverse corrugations, said corrugations being continuous and unbroken throughout their entire length, and the longitudinal corrugations being more prominent or elevated than the transverse ones, substantially as described.

BENJAMIN R. JENKINS.

Witnesses:

I. W. LATCHER,
E. GEORGE DUNKLEE.