

C. E. F. Lewis,
Hand Clothes Washer,
No 61,841, *Patented Feb. 5, 1867.*

Fig. 2.

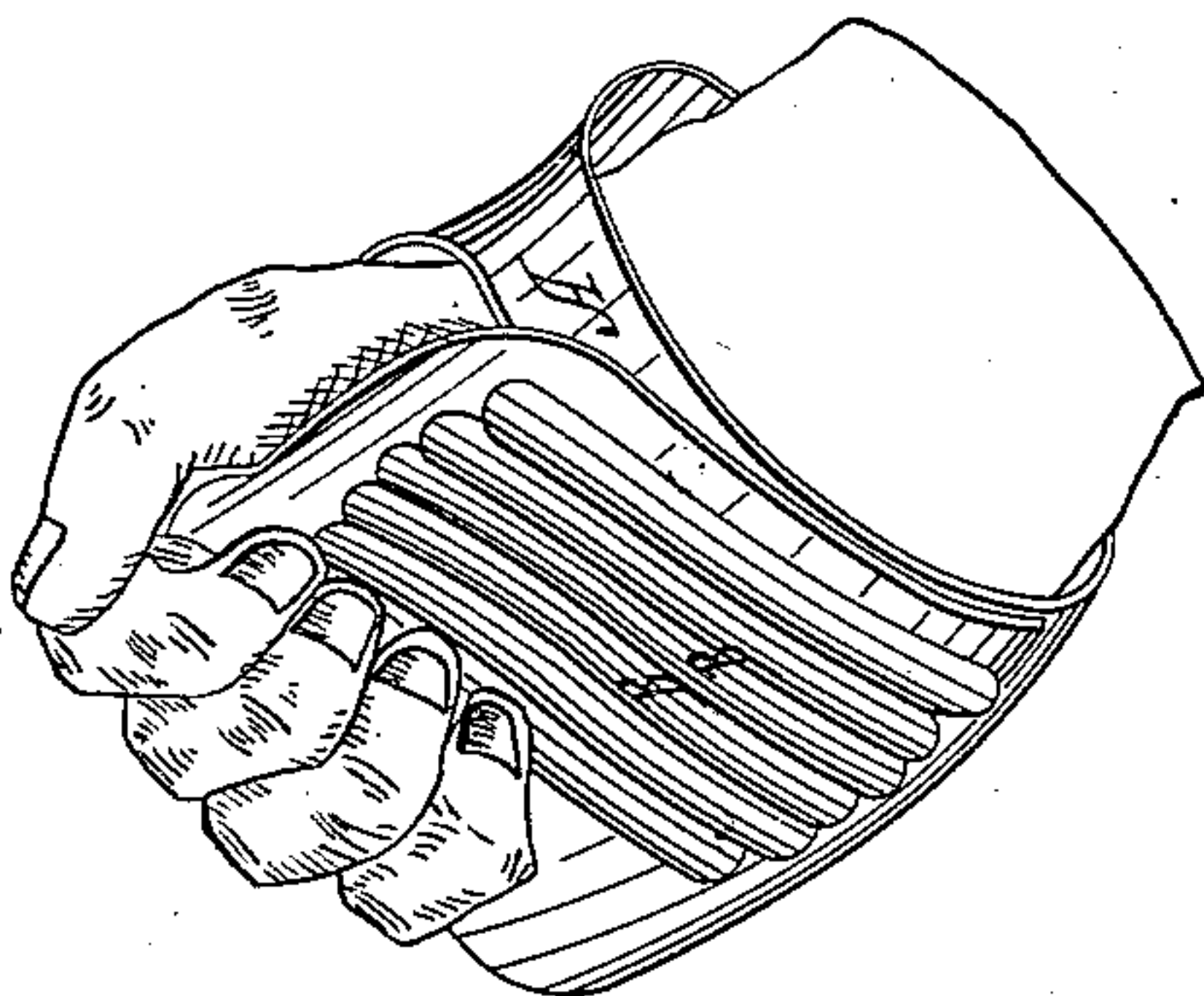
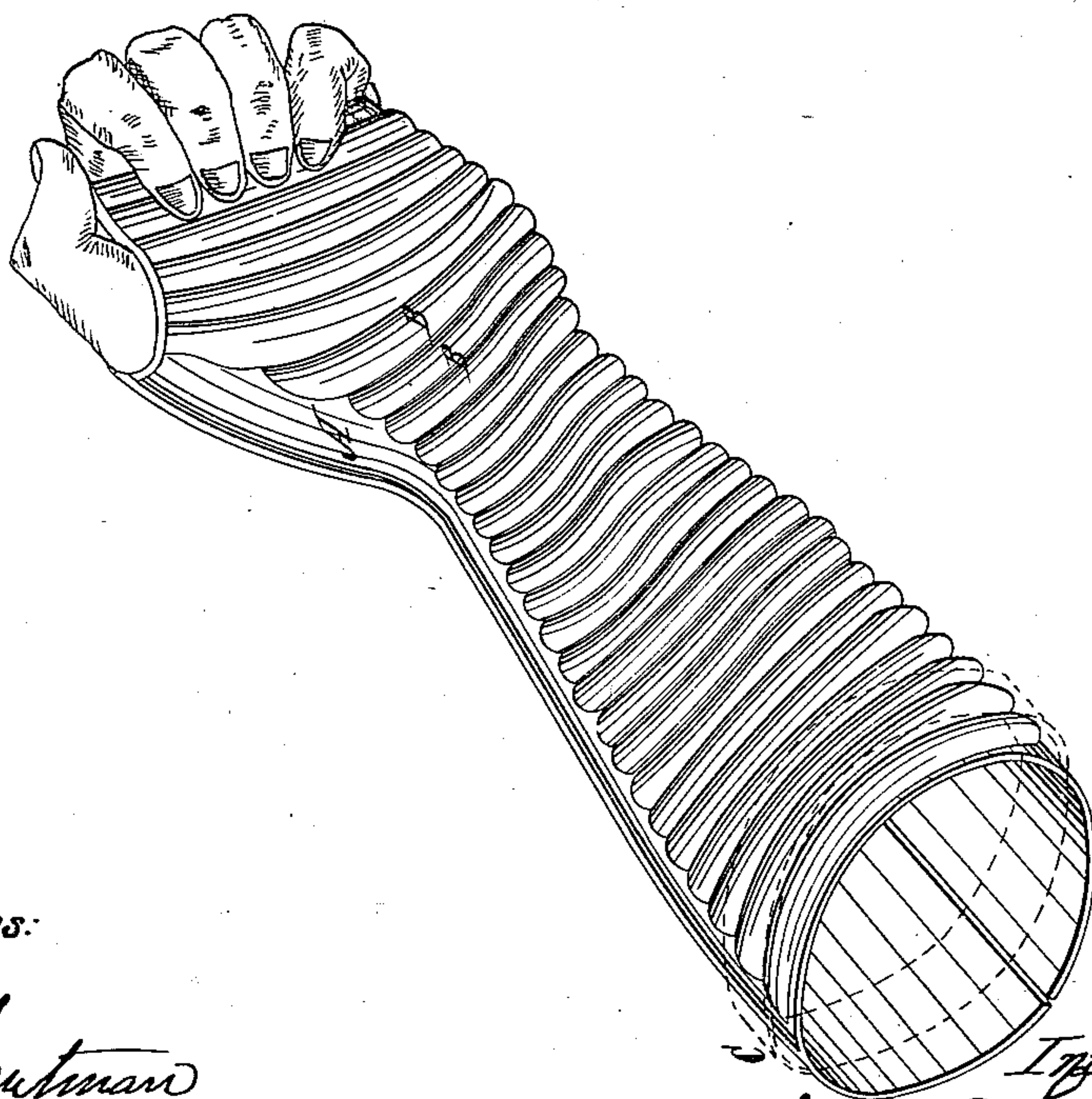


Fig. 1.



Witnesses:

A. S. Sautman
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Inventor.
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per Alexander Mason
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United States Patent Office.

CHARLES E. F. LEWIS, OF WASHINGTON, DISTRICT OF COLUMBIA.

Letters Patent No. 61,841, dated February 5, 1867.

IMPROVED WASHING-SHIELD.

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, CHARLES E. F. LEWIS, of Washington, District of Columbia, have invented certain new and useful improvements in Washing-Shields; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon. In the annexed drawings making part of this—

A represents the shield, which is made of vulcanized India rubber, or of leather or cloth, or any other material which may be evidently used for this purpose. The shield may be made short, as seen in Figure 2, or it may be extended, as shown in Figure 1, to cover the arm as far as the elbow and part of the hand. Where the shield is extended, as shown in fig. 1, it will be necessary either to have the back of it open or made of some elastic material, so that the hand can be passed in. If it is made open, straps with buckles or elastic bands can be used for closing and confining it to the arm. The shield is provided upon its face, or that side which is to be used for washing, with a series of bars or corrugations, B B. These bars may be formed of rubber or leather or any other suitable material, either upon the shield or made separately and confined to it. The shield is open, as seen, at both ends, and extends down on the hand only far enough to wash conveniently without interfering with the working of the fingers. One of these shields, (the short one,) can be used upon the right hand and the other upon the left, so that clothes, and especially small articles, can be washed by them without the use of the common wash-board. The article to be washed can be confined to the arm and shield by a band of rubber, marked C, while it is being rubbed with the other hand with its shield. Two shields of medium length may be used upon both hands for washing upon the ordinary wash-board. It will appear very evident that in the use of these shields, the hands of the operator will be protected from injury, while the bars upon the said shield will very much facilitate the washing of clothes without fear of that damage to clothing usually experienced in washing by machinery. In this shield, the thumb and fingers are free to manipulate the clothing being washed.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The corrugated or ribbed shield or guard, when so constructed and arranged as to protect the inside of the hand and fore-arm, and to perform the functions of a wash-board, in the manner and for the purpose set forth.

In witness that I claim the foregoing I have hereunto set my hand in the presence of—

CHARLES E. F. LEWIS.

Witnesses:

C. M. ALEXANDER,

J. M. MASON.