

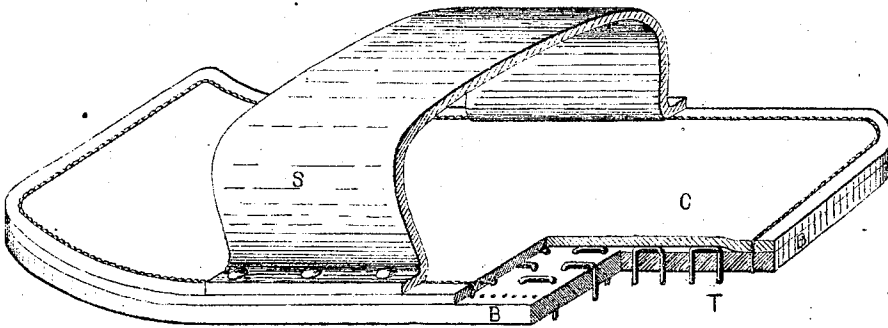
George F. Ellis'

IMPROVED HAND-CARD

117755

PATENTED AUG 8 1871

Fig. 1



Witnesses

Edgar S. Ellis
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Inventor

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UNITED STATES PATENT OFFICE.

GEORGE F. ELLS, OF DOUGLAS, NEW YORK, ASSIGNOR TO M. G. GOODWIN, OF SAGINAW, MICHIGAN.

IMPROVEMENT IN FLEXIBLE HAND-CARDS.

Specification forming part of Letters Patent No. 117,755, dated August 8, 1871; antedated July 20, 1871.

To all whom it may concern:

Be it known that I, GEORGE F. ELLS, of the village of Douglas, in the county of Sullivan, in the State of New York, have invented a new and improved Flexible Hand-Card; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing and to the letters of reference, which are the same for like parts in the drawing.

Figure 1 is a perspective view of my improved flexible curry-comb with a portion of the backing removed.

I am aware that curry-combs are made with the body consisting of India rubber, in which the teeth are molded with the India rubber; but, from the nature of the material and the manner of construction they are necessarily expensive and beyond the reach of the masses.

I aim to produce a curry-comb which will adapt itself to the surface of the animal or thing upon which it is used, which will be efficient, durable, and comparatively cheap.

To accomplish these ends I use for the basis or body of my curry-comb leather, B, Fig. 1. In this I set, by machinery or otherwise, either per-

pendicularly or inclined to the surface, staple-like teeth, like those of card-clothing shown at T, Fig. 1. To retain these teeth in place in the flexible body of the card B, Fig. 1, I lay over them a backing of leather, as shown at C, Fig. 1, and fasten the flexible backing C to the body B of the comb by means of thread, tacks, glue, or other equivalent means, and to the extent that is required to keep the teeth in place in the body B of the comb. I fasten a hand-strap, S, or straps, to the curry-comb by means of thread, tacks, rivets, or their equivalent.

I do not claim any feature or combination of features shown or described in United States patent No. 92,454, dated July 13, 1869.

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

A curry-comb or hand-card having staple-like metallic teeth T set in and through a body, B, of leather, and retained therein by a backing, C, of leather, fastened to the body and furnished with a hand-strap, S, all as shown and described.

GEORGE F. ELLS.

Witnesses:

W. A. WEAVER,
J. A. BROWN.