

No. 620,490.

Patented Feb. 28, 1899.

W. OGDEN.

WEAVER'S SCRATCH-UP AND PICK-OUT COMB.

(Application filed Mar. 11, 1898.)

(No Model.)

Fig. 1.

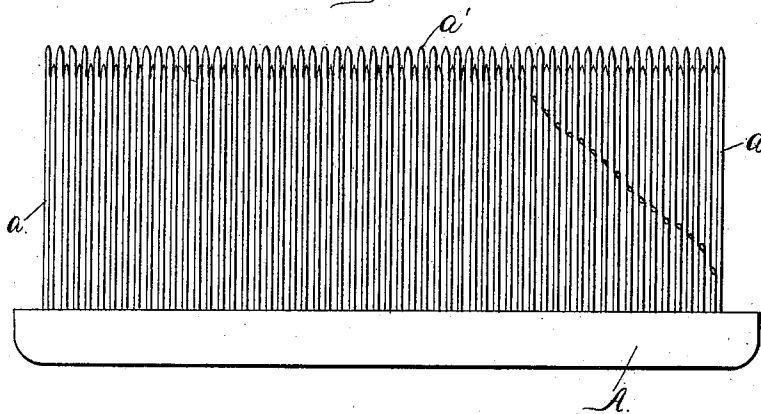


Fig. 2.

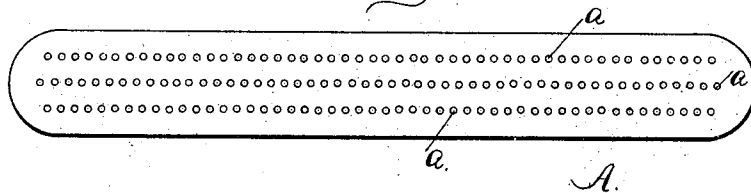
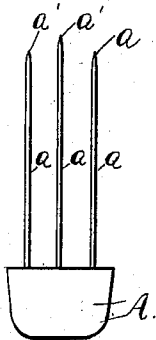


Fig. 3.



WITNESSES

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# UNITED STATES PATENT OFFICE.

WASHINGTON OGDEN, OF FALL RIVER, MASSACHUSETTS.

## WEAVER'S SCRATCH-UP AND PICK-OUT COMB.

SPECIFICATION forming part of Letters Patent No. 620,490, dated February 28, 1899.

Application filed March 11, 1898. Serial No. 673,533. (No model.)

*To all whom it may concern:*

Be it known that I, WASHINGTON OGDEN, a citizen of the United States, residing at Fall River, in the county of Bristol and State of Massachusetts, have invented certain new and useful Improvements in Weavers' Scratch-Up and Pick-Out Combs, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to weavers' scratch-up and pick-out combs, such as are used upon imperfect or thin places in cloth, (mostly cotton goods.)

The object of my invention is to provide a simple and improved comb of this character which will be more convenient and effective and which will operate to accomplish double the quantity of work with each stroke.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by the same letters of reference in each of the views, and in which—

Figure 1 is a side view of a weaver's comb embodying my improvements. Fig. 2 is a plan view of the side having the teeth, and Fig. 3 is an end view.

Heretofore in this class of weavers' combs the comb has been provided with but a single row of pins or teeth and is operated by strokes of the hand to pick out and scratch up imperfect or thin places in the cloth. The purpose of my invention is to provide an improved construction by which the comb will be enabled to accomplish as much work with one stroke of the hand as can be accomplished with two strokes when the ordinary single-row comb is employed.

Referring to the drawings, A designates the back or base portion of my improved comb, from which the pins or teeth project. In carrying out my improvements I provide a plurality of longitudinal rows of pins or teeth *a* and have the points or outer ends *a'* of one of said rows projecting beyond the points or outer ends *a'* of the adjoining row. Preferably three rows of the pins or teeth *a* are provided, arranged in longitudinal and parallel

position, and the outer ends or points of the middle or intermediate row of pins project a slight distance beyond the ends or points of the pins of the outer or side rows, the ends or points of the pins of said outer or side rows being on a corresponding plane with relation to each other. The extent of projection of the points of the pins of the middle row beyond the points of the pins of the side rows is in practice preferably about one-twentieth of an inch.

The operation and advantages of my invention will be readily understood by those skilled in the art to which it appertains, and the advantages secured by having three rows of pins with the points of the middle row projecting beyond the points of the side rows is apparent. When scratching up or picking out with my improved comb, the said comb may be held so that the points of two of the rows of pins will bear upon the cloth, so that a double quantity of work is accomplished at each stroke of the hand.

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

1. A comb for the purpose herein described, comprising a head having three parallel rows of pins or teeth, the pins or teeth of the central row being slightly longer than the pins or teeth of the side rows, and the pins or teeth of the side rows being of the same length, substantially as shown and described.

2. A comb for the purpose herein described, comprising a head having three parallel rows of pins or teeth, said pins or teeth of the central row being slightly longer than the pins or teeth of the side rows, and the pins or teeth of the side rows being of the same length, and said rows being separated by equal spaces, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 9th day of March, 1898.

WASHINGTON OGDEN.

Witnesses:

JOHN J. CLINTON,  
WILLIAM HOLLAND.