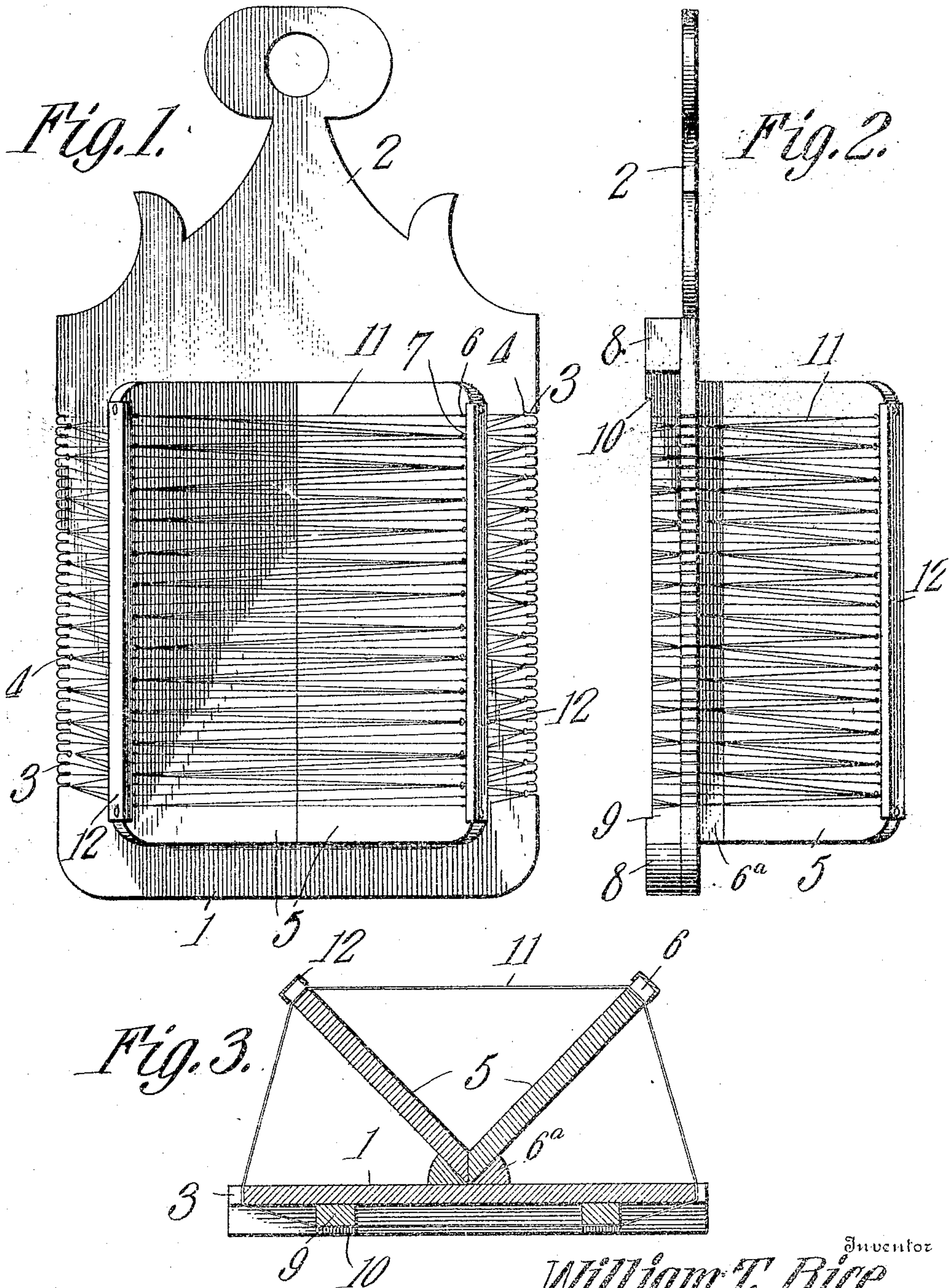


No. 884,044.

PATENTED APR. 7, 1908.

W. T. RICE.
DEVICE FOR CLEANING COMBS.
APPLICATION FILED AUG. 16, 1907.



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UNITED STATES PATENT OFFICE.

WILLIAM T. RICE, OF GRAVETTE, ARKANSAS.

DEVICE FOR CLEANING COMBS.

No. 884,044.

Specification of Letters Patent.

Patented April 7, 1908.

Application filed August 16, 1907. Serial No. 388,873.

To all whom it may concern:

Be it known that I, WILLIAM T. RICE, a citizen of the United States, residing at Gravette, in the county of Benton and State of Arkansas, have invented a new and useful Device for Cleaning Combs, of which the following is a specification.

This invention relates to comb cleaning devices and its object is to provide a simple, durable, and attractive device of this character constituting an efficient means for cleaning combs by removing therefrom any dirt which may accumulate between the teeth.

A still further object is to provide a novel arrangement of cleaning strands whereby a lateral pressure is exerted thereby against the teeth so as to insure the removal of all accumulations therebetween when a comb is reciprocated upon the strands.

A still further object is to provide a trough-like receiver for any accumulations which may be removed from the comb.

With these and other objects in view the invention consists of certain novel features of construction and combinations of parts which will be hereinafter more fully described and pointed out in the claims.

In the accompanying drawings is shown the preferred form of the invention.

In said drawings: Figure 1 is a plan view of the device. Fig. 2 is a side elevation. Fig. 3 is a transverse section.

Referring to the figures by characters of reference, 1 designates the body of the device, the same being preferably provided with parallel side edges and having a suitably ornamented handle 2 at one end. Extending into the side edges are a plurality of short slots 3 certain of which terminate in inner enlargements 4.

Arranged longitudinally upon the center of the body are inclined supports 5 which are preferably braced by means of spacing blocks or members 6^a interposed between the body and the supports and the upper edges of these supports have short slots 6 formed therein, certain of the slots terminating in enlargements 7. End cleats 8 are arranged transversely upon the bottom of the body 1 and interposed between these cleats are longitudinally arranged slides 9 constituting tensioning devices and the ends of which preferably abut against the cleats. Each strip 9 is preferably reduced between its ends to form shoulders such as indicated at 10. A wire or thread 11 is wound around the supports 5 in

the body 1 and the coils of the wire or thread are so positioned that one strand is seated within each slot 6 while preferably four strands are seated within those of the strands containing the inner enlargements 7. The enlargements 7 within the two supports are alternately arranged so that the strands radiating from the enlarged slots in one of the supports alternate with and constitute certain of the strands radiating from the enlarged slots in the other support, as has been clearly indicated in Fig. 1. Those portions of the wires between the supports and the slotted edges of the body 1 are grouped so that certain of them radiate from the enlarged portions 4 of the slots while the others are seated in those slots which are not enlarged. The strands extend transversely of the strips 9 and all portions of the thread or wire are designed to slip freely through the various slots in which they are seated. Should the strands become slack they can be readily tightened simply by sliding the strips 9 toward the edges of the body 1. This will result in the simultaneous tensioning of all of the strands connecting the supports 5. A channeled strip 12 is preferably secured upon the upper edges of the supports 5 so as to protect said edges and give a more finished appearance to the article.

In using the device a comb is placed above the trough formed by the supports 5 and is placed substantially parallel with the edges of these supports. The teeth are inserted between the strands and the comb is reciprocated laterally. As a result of the peculiar arrangement of the strands this movement of the comb will result in the strands producing a wiping action upon the adjoining faces of the teeth and the accumulations freed from the comb will drop into the trough.

What is claimed is:

1. A device of the character described comprising a body having a trough thereon, a continuous flexible element wrapped transversely around the trough and body, those portions of the element extending across the trough constituting comb wiping means, and slidable means interposed between said element and the body for tensioning all portions of the element simultaneously.

2. The combination with a body having a trough thereon, the edge portions of the trough and body being slotted; of a continuous flexible element wrapped around the trough and body and seated within the slots,

that portion of the element extending across the trough constituting comb wiping means, a finishing strip upon each slotted portion of the trough, and slidable means mounted between the body and the flexible element for simultaneously tensioning all portions of said element.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

WILLIAM T. RICE.

Witnesses:

H. P. LEWIS,
C. H. INSKEEP.