

UNITED STATES PATENT OFFICE.

PAUL E. HERRMANN, OF NEW YORK, N. Y.

PROCESS OF HAIR-WAVING.

949,272.

Specification of Letters Patent.

Patented Feb. 15, 1910.

No Drawing. Original application filed June 23, 1909, Serial No. 503,905. Divided and this application filed October 11, 1909. Serial No. 522,146.

To all whom it may concern:

Be it known that I, PAUL E. HERRMANN, a subject of the German Emperor, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Processes of Hair-Waving, of which the following is a specification.

The present invention which is a division of my copending application, Serial No. 503,905, filed June 23, 1909, pertains to a process of hair waving whereby the waves can be made so as to stay for a greater length of time than those produced by the hitherto used methods. Practically the waves will keep in shape until the hair is grown so much that it requires a new waving.

My process consists in that a tuft of the hair is first curled, then sprinkled with a solution of sodium bi-borate, borax powder and water. In addition to this solution it may be advantageous in some cases to use a few drops of acetic acid. When the curled tuft is thus wetted it is covered with a suitable fire proof material and then heated. The same process is carried out with another tuft

until all the waving is completed, whereupon the hair can be shampooed.

What I claim and desire to secure by Letters Patent is:

1. A process of waving hair, consisting in first curling the hair, then sprinkling it with a chemical solution, then covering it with a fire proof material and finally heating it.

2. A process of waving hair, consisting in first curling the hair, then sprinkling it with a solution of sodium bi-borate, borax powder and water, then covering it with fire proof material and finally heating it.

3. A process of waving hair consisting in first curling the hair, then sprinkling it with a solution of sodium bi-borate, borax powder, water and acetic acid, then covering it with fire proof material and finally heating it.

In testimony whereof I affix my signature in presence of two witnesses.

PAUL E. HERRMANN.

Witnesses:

MAX D. ORDMANN,
ARTHUR D. STRAILL.