

UNITED STATES PATENT OFFICE.

JOHN L. WILD, OF BAY CITY, MICHIGAN.

IMPROVEMENT IN HAIR-DYES AND COSMETICS.

Specification forming part of Letters Patent No. 117,583, dated August 1, 1871.

To all whom it may concern:

Be it known that I, JOHN L. WILD, of Bay City, in the county of Bay and State of Michigan, have invented a new and useful Improvement in Hair-Dye and Cosmetic; and I do declare that the following is a true and accurate description thereof.

The nature of this invention relates to the preparation of a hair-dye and cosmetic, by the use of which the hair and whiskers may be made black and glossy without the use of sulphate of potassium, sugar of lead, sulphur, and other like injurious ingredients; that does not injure the skin or permanently discolor the same; that is simple in preparation and certain in result. The invention consists in the preparation and in its operation, substantially as more fully hereinafter set forth.

One part of the nitrate of silver should be dissolved in three parts of spirits of ammonia; then melt together four parts of tallow, two parts of lard, and one part of spermaceti, and after such melting perfume to taste; then add to the melted fatty matter the solution composed of the nitrate of silver and ammonia, and stir the whole thoroughly until the mass commences to thicken, when it may be put into proper molds or otherwise formed into shape.

Before using this compound the hair and whiskers should be thoroughly washed; then apply a solution composed of one part of pyrogallic

acid and eight parts of water, and let the hair dry; then apply the preparation above described to the hair, rubbing, brushing, or combing it into the hair until the preparation has been brought into contact with all parts thereof; then, should any of the preparation have touched the face or skin, it may be removed with a wet sponge or cloth, care being taken not to use any soap until after water has been applied; then lather the hair and the color will be set, leaving the hair soft, black, and glossy without injury to the skin.

The preparation may be used for the hair and whiskers without the use of the pyrogallic solution, if desired, as a cosmetic.

To obtain a lighter shade apply the cosmetic with a comb, and then dip the comb into the acid and apply to the hair until the required shade is attained; then wipe the hair with a cloth.

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

1. The combination of fatty substances with nitrate of silver and ammonia as a hair-dye and cosmetic.

2. A hair-dye and cosmetic, composed of the ingredients and substantially in the proportion as set forth.

JOHN L. WILD.

Witnesses:

H. G. ROBBINS,

A. G. MCPHERSON.