

UNITED STATES PATENT OFFICE.

NELLIE S. HAWLEY, OF OMAHA, NEBRASKA.

HAIR-DRESSING.

SPECIFICATION forming part of Letters Patent No. 416,606, dated December 3, 1889.

Application filed September 21, 1889. Serial No. 324,661. (No specimens.)

To all whom it may concern:

Be it known that I, NELLIE S. HAWLEY, a citizen of the United States, residing at the city of Omaha, in the county of Douglas and State of Nebraska, have invented a new and useful composition of matter to be used upon the human hair before the crimping or curling thereof to cause it to retain for a longer period than it otherwise would the position in which it has been placed by the crimping or curling process to which it has been subjected.

Said composition consists of the following ingredients, combined in the proportions, viz: Gum-arabic, eight ounces; pure water, three quarts; alcohol, one quart; balsam copaiba, five ounces; oil organum, one ounce; extract of white rose, two ounces.

Said composition is produced or made in the manner following, to wit: Put together the oil organum and balsam copaiba, to which add eight ounces of pure alcohol and thoroughly agitate the mixture. Then place the gum-arabic in one quart of pure water and put same over a slow fire, continually stirring it until the gum-arabic is completely dissolved. Then let the solution of gum-arabic cool. Then take twenty-four ounces of pure alcohol and stir slowly the cooled solution of gum-arabic therein. Then add the oil

of organum and balsam copaiba, which have been cut by the alcohol as aforesaid, and thoroughly agitate the mixture thus produced. To the last-named mixture add two quarts of pure water and strain the mixture so produced through extra-fine bolting-cloth. To the strained mixture add the two ounces of extract of white rose and bottle the same.

In using the above-named composition the hair to be curled or crimped should be first saturated with it, then crimped or curled by means of a warm iron or winding the hair upon any substance, such as cloth, tin-foil, &c.

What I claim, and desire to secure by Letters Patent of the United States, is—

The herein-described composition of matter to be used upon the human hair before the crimping or curling thereof to make it retain for a longer time than it otherwise would the position in which the hair has been placed by the crimping or curling process to which it has been subjected, consisting of gum-arabic, water, alcohol, balsam copaiba, oil organum, and extract of white rose, in the proportions specified.

NELLIE S. HAWLEY.

Witnesses:

W. A. CORSON,
EDWIN M. WOOD.