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EXAMINER

UNITED STATES PATENT OFFICE.

ARNOLD FROIDEVAUX, OF BROOKLYN, ASSIGNOR TO FROIDEVAUX & CO.,
OF NEW YORK, N. Y.

DETERGENT.

SPECIFICATION forming part of Letters Patent No. 522,708, dated July 10, 1894.

Application filed September 11, 1893. Serial No. 485,274. (No specimens.)

To all whom it may concern:

Be it known that I, ARNOLD FROIDEVAUX, a citizen of the Republic of Switzerland, at present residing in the city of Brooklyn, county of Kings, and State of New York, have invented a new and Improved Compound for Laundry Purposes, of which the following is a specification.

The object of my invention is to provide a compound for cleansing clothing. It is of such character that the laundry operation may be conducted without rubbing and merely by boiling the clothing in water, to which the compound is added in suitable proportions according to the work to be done. To this end I have provided a combination of several ingredients each of which supplements, co-acts with and modifies the action of the other in such a way as to thoroughly clean and whiten the garments without injury to them. I also employ in the compound lavender spike, because it also aids materially in whitening and cleaning the clothes.

My improved compound may be in the form of a liquid, which will be put up in bottles, or in the form of a paste or powder, the paste or powder being obtained by the evaporation of the liquid and either will be readily soluble in water. The proportions in which I compound the ingredients may be somewhat varied, but those which I prefer are herein-after specifically recited.

I first make an infusion of the bark of Panama wood in water in about the proportions of about one gallon of water for each pound of bark. I then compound all the ingredients in about the following proportions:—one thousand parts of the infusion of Panama bark, one hundred parts soap, one hundred and fifty parts soda carbonate, one hundred and twenty-five parts potash carbonate, twenty parts oil of terebinth, twenty parts aqua ammonia, twenty-five parts chloride of lime, and four parts oil of lavender spike. In compounding these ingredients no

particular order in which they are added need be followed. The soap while acting as a cleansing agent serves also as a vehicle for holding the other ingredients in proper suspension or solution. The lavender imparts an agreeable odor to the laundered clothing and at the same time tends to whiten them. The other ingredients each act as a cleansing agent and all co-operate to produce a thorough cleansing and whitening.

The mixture above described may be put up in bottles or may be evaporated to a pasty condition in which it may be packed in jars, or the evaporation may be carried to such a point as to produce a powder.

In using the compound, the liquid, paste or powder may be added to a small quantity of water, and then this solution added to the water in the wash boiler, or the original liquid, paste or powder may be put directly into the water in the boiler.

I claim as my invention—

1. The herein-described compound for laundry purposes consisting of the combination of an infusion of Panama bark, soap, soda carbonate, potash carbonate, oil of terebinth, aqua ammonia, chloride of lime and oil of lavender spike.

2. The herein-described compound for laundry purposes consisting of the following ingredients in about the proportions stated, viz., one thousand parts of the infusion of Panama bark, one hundred parts soap, one hundred and fifty parts soda carbonate, one hundred and twenty-five parts potash carbonate, twenty parts oil of terebinth, twenty parts aqua ammonia, twenty-five parts chloride of lime and four parts oil of lavender spike.

In testimony whereof I have hereunto subscribed my name.

ARNOLD FROIDEVAUX.

Witnesses:

JACOB C. GOEBEL,

EDWARD C. DAVIDSON.