

## UNITED STATES PATENT OFFICE

1,944,367

COMPOSITION FOR TREATING CRUDE  
FIBERS AND TEXTILE FABRICS

Rainer Hermann Pott, Prien near Munich, Germany, assignor to Chemische Fabrik Pott & Co., Kommandit-Gesellschaft, Dresden, Germany

No Drawing. Application July 9, 1928, Serial No. 291,471, and in Germany June 15, 1921

6 Claims. (Cl. 87-5)

This application forms a continuation in part of my prior copending application Serial No. 614,308, filed January 22, 1923, now U. S. Patent No. 1,750,430.

## Example 2

|                                                          | Parts by weight |    |
|----------------------------------------------------------|-----------------|----|
| Tetra-hydro-naphthalene.....                             | 92              |    |
| Sodium salt of isopropyl-naphthalene-sulphonic acid..... | 8               |    |
|                                                          | 100.00          | 65 |

## I claim:

1. A composition for treating and cleansing textile fibers comprising hydrogenated naphthalenes which have been made water-miscible by means of small amounts of sulphonated fats.

2. A composition for treating and cleansing textile fibers comprising hydrogenated naphthalenes which have been made water-miscible by means of small amounts of water soluble salts of sulphonated fats which are characterized by the power of emulsifying fluids which are by themselves insoluble in water.

3. A composition for treating fibers and textile materials, comprising hydrogenated naphthalenes made water-miscible by being mixed with small amounts of an emulsifying agent selected from the group consisting of sulphonated fats, alkylated aromatic sulfonic acids, and the water soluble salts of such acids.

4. A composition for treating fibers and textile materials, comprising tetra-hydro-naphthalene made water-miscible by being mixed with a small amount of an emulsifying agent selected from the group consisting of sulfonated fats, alkylated aromatic sulfonic acids, and the water soluble salts of such acids.

5. A composition for treating and cleansing textile fibers containing as initial ingredients ricinoleic acid, ammonia, a hydrogenated naphthalene and methyl-hexalin, the hydrogenated naphthalene forming more than 80% of the composition.

6. A composition for treating and cleansing textile fibers containing as initial ingredients 3.5 parts of ricinoleic acid, 1.7 parts of ammoniacal liquor having a specific gravity of 0.910, 89.3 parts of tetra-hydro-naphthalene and 5.5 parts of methyl-hexalin.

RAINER HERMANN POTT. 105

## Example 1

|                                               | Parts by weight |  |
|-----------------------------------------------|-----------------|--|
| Ricinoleic acid.....                          | 3.5             |  |
| Ammoniacal liquor (0.910 specific gravity) .. | 1.7             |  |
| Tetra-hydro-naphthalene.....                  | 89.3            |  |
| Methyl-hexalin .....                          | 5.5             |  |
|                                               | 100.0           |  |

110