UNITED STATES PATENT OFFICE.

WILLIAM M. SEIGEL AND HERMAN SEIGEL, OF DENVER, COLORADO.

CLEANING AND BLEACHING COMPOSITION.

1,165,027. Specification of Letters Patent. Patented Dec. 21, 1915.

No Drawing. Application filed May 10, 1915. Serial No. 27,284.

To all whom it may concern:

Be it known that we, WILLIAM M. SEIGEL and HERMAN SEIGEL, citizens of the United States of America, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful Improvements in Cleaning and Bleaching Compositions, of which the following is a specification.

Our invention relates to cleaning and bleaching compositions adapted particularly for use on Panama hats. As is well known, these hats are very valuable and very durable; also, when new they are quite white and are therefore rather easily soiled and discolored from handling, from sunburn, and from the gradual accumulation of dust upon them. Their great value and their fine lasting qualities makes it very desirable to have for them a cleaning and bleaching composition which will thoroughly clean and whiten the hats without injuring the most delicate fiber, and without in any way changing or distorting the shape of the hat.

It is our object to produce such a composition, and this we have done by uniting the following ingredients in approximately the proportions mentioned below, viz.:—

Precipitated sulfur	34⅔%
Denatured alcohol	60 %
Benzol	5 %
Oxalic acid	⅓ of 1 %

One application of the above composition will ordinarily beautifully clean and bleach a Panama hat.

What we claim is:—

A cleaning and bleaching composition composed of the following ingredients in approximately the following proportions:—

Precipitated sulfur	34⅔%
Denatured alcohol	60 %
Benzol	5 %
Oxalic acid	⅓ of 1 %

In testimony whereof we affix our signatures in presence of two witnesses.

WILLIAM M. SEIGEL,
HERMAN SEIGEL.

Witnesses:
EDGERTON CROUTER,
GORDON W. KING.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."