

UNITED STATES PATENT OFFICE.

WILLIAM H. ALLEN AND WILLIAM J. WEAVER, OF DETROIT, MICHIGAN, ASSIGNORS TO
DETROIT WHITE LEAD WORKS, OF DETROIT, MICHIGAN, A CORPORATION.

SUBSTANCE FOR REMOVING VARNISH OR PAINT.

No. 876,251.

Specification of Letters Patent.

Patented Jan. 7, 1908.

Application filed March 22, 1906. Serial No. 307,380.

To all whom it may concern:

Be it known that we, WILLIAM H. ALLEN and WILLIAM J. WEAVER, citizens of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Substances for Removing Varnish or Paint, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same.

This invention relates to a substance for removing varnish or paint from wood or iron surfaces. We find that for this purpose it is desirable to employ a fluid which is a solvent or partial solvent for a varnish or paint, which fluid has dissolved therein a substance which will crystallize as the fluid evaporates. Thus the formation of the crystals acts to disrupt the coat of varnish or paint in such a manner that it is easily wiped or scraped off. It is also desirable that the crystallizable substance should form separate crystals, and not a united mass.

To accomplish the above purpose, we take one quart of some ketone, such as acetone, and one quart of benzol and mix the same

together. In this mixture we dissolve two ounces of stearic acid (double pressed practically free from oleic acid) and two ounces of vaseline. When the menstruum of this compound evaporates, the stearic acid will crystallize in separate crystals, the vaseline preventing the crystals from uniting together to form a solid mass. The compound will accomplish its purpose without the presence of vaseline, but it will not do it as well. This compound will soften and dissolve the paint or varnish, and will carry the stearic acid and vaseline into the body of the varnish so that the crystals formed, as above described, will effectually loosen the coating of varnish or paint.

We claim:—

A compound, consisting of a ketone and benzol, a crystalline fatty acid and vaseline dissolved therein.

In testimony whereof, we sign this specification in the presence of two witnesses.

WILLIAM H. ALLEN.

WILLIAM J. WEAVER.

Witnesses:

RICHARD E. ROGERS,
H. B. LEVAN.