

UNITED STATES PATENT OFFICE.

FERDINAND KREUTZER, OF NEW YORK, N. Y.

WATERPROOFING COMPOUND.

SPECIFICATION forming part of Letters Patent No. 370,545, dated September 27, 1887.

Application filed July 6, 1887. Serial No. 243,579. (No specimens.)

To all whom it may concern:

Be it known that I, FERDINAND KREUTZER, a subject of the Emperor of Germany, at present residing in the city, county, and State of New York, have invented a new and Improved Waterproofing Compound, of which the following is a full, clear, and exact description.

My invention relates to an improved waterproofing compound for application to leather and fabrics, and has for its object to render the same soft and durable without injury to the material or action upon the dyes.

My composition consists of the following ingredients, combined in substantially the proportions stated—viz., equal parts of raw linseed oil; zinc-vitriol, and fat-soap.

In compounding the above ingredients the zinc-vitriol is first dissolved in water, and the soap having been cut in small particles is also dissolved in water in a separate receptacle and allowed to come to a boil. The dissolved zinc-vitriol is then added to the hot soap and water, and the receptacle being removed from the fire the mass is stirred until completely mixed, allowed to settle, and the water poured off. Fresh water is added and the compound

permitted to boil slowly, being stirred all the time. The receptacle, after the compound has boiled for about a half-hour, is removed from the fire and cold water added. The compound will now settle in the bottom of the receptacle in one lump, whereupon the water is once more poured off. The water having been dispensed with, the linseed-oil is added, and the entire mass is placed over a slow fire, but not allowed to boil, being stirred constantly until a perfectly smooth plastic paste is obtained.

This compound when well rubbed in leather or fabrics will render the same thoroughly water-proof, soft, and pliable, and also add greatly to the durability of the same.

I claim—

The herein-described composition of matter to be used for waterproofing leather and fabrics, consisting of raw linseed-oil, zinc-vitriol, and fat-soap, in the proportions substantially as specified.

FERDINAND KREUTZER.

Witnesses:

J. F. ACKER,
E. M. CLARK.