UNITED STATES PATENT OFFICE.

JOHN E. SAWYER, OF NAPA, CALIFORNIA.

LUBRICATING COMPOUND.

SPECIFICATION forming part of Letters Patent No. 268,546, dated December 5, 1882.

Application filed July 25, 1882. (No specimens.)

To all whom it may concern:

Be it known that I, JOHN E. SAWYER, a citizen of the United States, residing at Napa, in the county of Napa and State of California, have invented a new and useful Composition of Matter for Lubricating Purposes, of which the following is a specification.

My composition consists of the following ingredients, combined in the following proportions stated, to wit: tallow, sixteen (16) pounds; plumbago or black-lead, one (1) pound; fuller's-earth, one-half (½) pound; soapstone or steatite, one-half (½) pound; lard-oil, one (1) pint. The soapstone, plumbago, and fuller's-earth are pulverized and the tallow melted, when the soapstone, plumbago, fuller's-earth, and lard-oil are mixed with the tallow, and the whole passed through a grinding-mill and thoroughly mixed and incorporated by grinding while the tallow is in a hot or melted state. By this means the composition will always remain in a limpid or plastic state, and will not cake or harden in the containing-can, and when applied to axles will remain a long time without a new application; and it will also prevent the heating of the axle to which it is applied.

I am aware that steatite or soapstone and black-lead or plumbago have heretofore been employed in lubricating compounds; but I am not aware that all of the ingredients of my compound, in the proportions stated, have been used together.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The herein-described composition to be used as a lubricant, consisting of tallow, plumbago, soapstone, fuller's-earth, and lard-oil, mixed and compounded in the proportions stated.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 26th day of June, 1882.

J. E. SAWYER. [L. S.]

Witnesses:
CHAS. E. KELLY,
WILMER BRADFORD.