

UNITED STATES PATENT OFFICE.

WILLIAM J. CORDER, OF ORANGE, TEXAS.

LUBRICANT.

SPECIFICATION forming part of Letters Patent No. 406,883, dated July 16, 1889.

Application filed September 24, 1888. Serial No. 286,252. (Specimens.)

To all whom it may concern:

Be it known that I, WILLIAM J. CORDER, a resident of the town of Orange, in the county of Orange and State of Texas, have invented ; and discovered a new and useful composition of matter to be used for the prevention of heat caused from friction and attrition in the use and operation of all kinds of machinery, including railroad engines and cars, and all
10 parts thereof, of which composition the following is a specification.

My composition consists of the following ingredients, combined and well mixed in the proportions stated, viz: sulphate of zinc, six
15 (6) parts; plumbago, six (6) parts; borax, two (2) parts; bicarbonate of soda, two (2) parts.

The above composition is to be thoroughly mixed with any good lubricating-oil in the proportion of about two (2) ounces to each
20 gallon of oil, and is then to be used and ap-

plied to such parts of railroad engines and cars and to such parts of all other machinery as are heating or liable to heat from friction or attrition in the same manner as any other lubricating-oil is applied.

By the use of lubricating-oil containing the above composition, in the proportion or thereabout as above stated, all heat from friction and attrition in the use and operation of all kinds of machinery will be prevented. 25 30

I claim as my invention and desire to secure by Letters Patent of the United States—

The herein-described lubricating compound, composed of sulphate of zinc, plumbago, borax, bicarbonate of soda, and lubricating-oil, in
35 about the proportions set forth.

WILLIAM J. CORDER.

Attest:

CHARLES E. WITHERSPOON,
SAML. W. SHOLARS.