

UNITED STATES PATENT OFFICE

LEBBEUS W. LATHROP AND THEODORE A. WEBER, OF NEW YORK, N. Y.

IMPROVEMENT IN ANTI-FRICTION COMPOUNDS FOR BEARINGS.

Specification forming part of Letters Patent No. **165,340**, dated Ju'y 6, 1875; application filed May 17, 1875.

To all whom it may concern:

Be it known that we, **LEBBEUS WISNER LATHROP** and **THEODORE ALEXANDER WEBER**, both of the city, county, and State of New York, have invented a new and useful Improvement in Machinery-Bearings, consisting in the compound of carbonated sugar and graphite, the same being compressed in solid mass or form, as desired; of which improvement the following is a specification:

To prepare this anti-friction compound, take, for example, one pound of crystallized sugar; heat it gradually up to about 400°, while being rapidly stirred. This process causes the largest portion of the hydrogen

and oxygen to escape and increases in same proportion the carbon. Then add to this one-quarter pound of graphite for the purpose of toughening. Then press it into solid shape, as desired, for anti-friction bearings.

We claim as our invention—

The compound, consisting of carbonized sugar and graphite, as described, for purpose specified.

LEBBEUS WISNER LATHROP.
THEODORE ALEXANDER WEBER.

Witnesses:

A. S. HENNING,
J. H. FEURBACH.