

UNITED STATES PATENT OFFICE.

GEORGE S. HUNT, OF SACRAMENTO, CALIFORNIA.

IMPROVEMENT IN ANTI-FRICTION METALS.

Specification forming part of Letters Patent No. **136,163**, dated February 25, 1873.

To all whom it may concern:

Be it known that I, GEORGE S. HUNT, of the city and county of Sacramento, State of California, have invented or discovered a new Combination of Metals for Producing an Anti-Friction Metal or Alloy; and I do hereby declare that the following is a true description of the same, together with the names of the different metals employed in forming my alloy, and the proportions of each to be used.

My invention relates to a new and useful combination of metals for the purpose of producing an alloy suitable for lining axle-boxes and other frictional surfaces as an anti-friction metal, and which I call I X L metal.

My new alloy consists in the combination of the following metals, in the proportion given:

Lead, five (5) pounds; antimony, one (1) pound; plumbago, one (1) ounce.

This combination gives a soft metal for frictional surfaces which is much superior to the ordinary Babbitt metal.

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

An anti-friction metal compounded of the materials above mentioned, in the proportions specified.

In witness whereof I hereunto set my hand and seal.

GEORGE SIMMONS HUNT. [L. S.]

Witnesses:

EDW. CADWALADER,

WM. B. LUDLOW.