

UNITED STATES PATENT OFFICE.

WALTHER GOSMANN, OF ESSEN-ON-THE-RUHR, GERMANY, ASSIGNOR TO FRIED. KRUPP AKTIENGESELLSCHAFT, OF ESSEN-ON-THE-RUHR, GERMANY.

ALUMINUM ALLOY.

No. 886,597.

Specification of Letters Patent.

Patented May 5, 1908.

Application filed August 2, 1907. Serial No. 386,842.

To all whom it may concern:

Be it known that I, WALTHER GOSMANN, a subject of the Emperor of Germany, and a resident of 1 Alfredstrasse, Essen-on-the Ruhr, Germany, have invented certain new and useful Improvements in Aluminum Alloys, of which the following is a specification.

The present invention relates to an aluminum alloy which has several valuable properties over the known aluminum alloys of small specific gravity, such as alloys of aluminum and zinc.

The new alloy consists of about 87% of aluminum, 8% of copper and 5% of tin. The content of copper in the alloy may vary between 7 and 8.5% and the content of tin may vary between 4.5 and 5.5%.

The alloy according to the present inven-

tion can be easily cast. The castings are completely homogeneous and have relatively high rigidity; they can be easily worked and the finished articles have a beautiful, lustrous appearance.

Having thus described the invention, what is claimed and desired to secure by Letters Patent is:

An alloy comprising about 87% of aluminum, about 8% of copper and about 5% of tin.

The foregoing specification signed at Düsseldorf, Germany, this seventeenth day of July, 1907.

WALTHER GOSMANN.

In presence of—
M. ENGELS,
E. BURKE.