

UNITED STATES PATENT OFFICE.

DANIEL O'HARA, DANIEL W. ELDREDGE, AND JOHN LOGAN, OF WALTHAM,
MASSACHUSETTS.

ALLOY.

SPECIFICATION forming part of Letters Patent No. 385,955, dated July 10, 1888.

Application filed March 2, 1888. Serial No. 265,935. (No specimens.)

To all whom it may concern:

Be it known that we, DANIEL O'HARA, DANIEL W. ELDREDGE, and JOHN LOGAN, of Waltham, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Alloys, of which the following is a specification.

Our invention has for its object to provide an alloy or compound metal which shall be practically non-magnetic, inoxidizable, and will have a suitable coefficient of expansion to adapt it for use as a material for one of the parts of the rim of a compensation-balance for watches or chronometers.

Our improved alloy consists of a compound of silver, zinc, tin, lead, arsenic, and cadmium in about the following proportions, viz: silver, sixty (60) parts; zinc, thirty-five (35) to sixty (60) parts; tin, four and one-half (4½) parts; lead, three and one-half (3½) parts; arsenic, one-half (½) part; cadmium, one and one-half (1½) part.

We do not limit ourselves to the exact pro-

portions of silver, tin, lead, arsenic, and cadmium above specified, but may vary the same within reasonable limits without departing from the spirit of our invention.

We claim—

An alloy or compound metal composed of silver, zinc, tin, lead, arsenic, and cadmium, in substantially the following proportions, viz: silver, sixty parts; zinc, from thirty-five to sixty parts; tin, four and one-half parts; lead, three and one-half parts; arsenic, one-half part, and cadmium, one and one-half part.

In testimony whereof we have signed our names to this specification, in the presence of two subscribing witnesses, this 28th day of February, A. D. 1888.

DANIEL O'HARA.
DANIEL W. ELDREDGE.
JOHN LOGAN.

Witnesses:

HENRY N. FISHER,
EDWARD A. MARSH.