

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHUNSAKU YOSHIKAWA	12/25/2010
YOSHIE YAMANAKA	12/06/2010
TSUKASA OHNISHI	12/06/2010
SEIKO ISHIBASHI	12/06/2010
KOJI WATANABE	12/06/2010
HIROKI ISHIKAWA	12/13/2010
YUTAKA CHIBA	12/13/2010
RECEIVING PARTY DATA	
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Street Address:	23 SENJU-HASHIDO-CHO
City:	ADACHI-KU, TOKYO
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14314043
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DATE SIGNED:	08/11/2017

Total Attachments: 2

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ASSIGNMENT

In consideration of the premises and other good and valuable consideration paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Shunsaku YOSHIKAWA
- (2) Yoshie YAMANAKA
- (3) Tsukasa OHNISHI
- (4) Seiko ISHIBASHI
- (5) Koji WATANABE
- (6) Hiroki ISHIKAWA
- (7) Yutaka CHIBA

who have made a certain new and useful invention, hereby sell, assign, and transfer unto

SENJU METAL INDUSTRY CO., LTD. of 23 Senju-hashido-cho, Adachi-ku, Tokyo 120-8555, Japan.

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C.100 in the invention entitled

LEAD-FREE SOLDER ALLOY, CONNECTING MEMBER AND A METHOD FOR ITS MANUFACTURE, AND ELECTRONIC PART

(a) for which an application for United States Letters Patent was filed on March 2, 2012 and identified by United States Serial No. 13/261,199; or

(b) for which an application for United States Letters Patent was executed on _____

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

And the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, substitute, renewed, continuation, continuation-in-part, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

The undersigned authorize the assignee and its agents to insert or to have inserted in this instrument the execution date/or the filing date and serial number of our patent application.

SIGNED on the date(s) indicated aside my(our) signature(s):

INVENTORS

DATE SIGNED

1) Shunsaku Yoshikawa
Name: Shunsaku YOSHIKAWA

December 25 2010

INVENTORS

DATE SIGNED

2) Yoshie Yamanaka
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December 6, 2010

3) Tsukasa Ohnishi
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7) Yutaka Chiba
Name: Yutaka CHIBA

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