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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAISUKE OKUDA	03/26/2017
MANABU KANEMOTO	03/31/2017
TADASHI KAKEYA	03/28/2017
MITSUHIRO KODAMA	04/04/2017
PENG ZHANG	04/04/2017
ZHEN LIN	04/04/2017
JINHONG YANG	04/04/2017
WENLIAN QIAN	04/04/2017
LONG JIANG	04/04/2017

RECEIVING PARTY DATA

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Name: Street Address:	XIAMEN TUNGSTEN CO., LTD. NO. 300, KEJINGSHE, HAICANGZHEN, HAICANG DISTRICT
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15503942

CORRESPONDENCE DATA

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PATENT REEL: 047920 FRAME: 0009

505265330

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NAME OF SUBMITTER: KAZUTO ISHIHARA

SIGNATURE: /Kazuto Ishihara/

DATE SIGNED: 01/07/2019

Total Attachments: 3

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> PATENT REEL: 047920 FRAME: 0010

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Daisuke OKUDA, Manabu KANEMOTO, Tadashi KAKEYA, and Mitsuhiro KODAMA of c/o GS Yuasa International Ltd., 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyotoshi, Kyoto 601-8520, Japan; and Peng ZHANG, Zhen LIN, Jinhong YANG, Wenlian QIAN, and Long JIANG of c/o XIAMEN TUNGSTEN CO., LTD., No. 300, Kejingshe, Haicang Town, Haicang District, Xiamen, Fujian 361026 P.R. China

hereby sell and assign to GS Yuasa International Ltd. having a place of business at 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8520, Japan and XIAMEN TUNGSTEN CO., LTD. having a place of business at No. 300, Kejingshe, Haicangzhen, Haicang District, Xiamen, Fujian 361026 P.R. China, their successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

HYDROGEN STORING ALLOY AND PRODUCTION METHOD THEREOF

for which application for United States Letters Patent has been filed on February 14, 2017 under Serial No. 15/503942 or was executed by the undersigned on the date below and is being filed concurrently herewith, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing

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the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

The undersigned hereby appoint, request, and grant power to the following law firm to insert on this Assignment further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document, for example, the U.S. Serial No. and filing date.

RANKIN, HILL & CLARK LLP, 23755 Lorain Road, Suite 200, North Olmsted, Ohio 44070-2224

Signed:	Date:
Dalsuke Okuda	March, 26, 2017
Daisuke OKUDA	
Signed:	Date:
Manabu Kahemoto Manabu KANEMOTO	March, 31, 2017
Signed:	Date:
Tadashi Kakeya Tadashi KAKEYA	March. 28.207
Signed: Hifachiro Kodema Mitsuhiro KODAMA	Date: Apr. 4, 2017
Signed:	Date:
Peng ZhANG Peng ZHANG	Apr. 4. 201
Signed:	Date:
Zhon LIN Zhen LIN	Apr. 4, 2017

Signed: In hary (M) Jinhong YANG	Date: 4, 20, 7
Signed: WM WM (X) (M) Wenlian QIAN	Date:
Signed:	Date:

Long ЛАNG