11-24-2010 PCT 19 NOV 2010 U.S. DEPARTMENT OF COMMERCE OMB No 0651-0027 (exp 02/28/2009 United States Patent and Trademark Office 103611940 To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the new address(es) below 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Yukiko Fujino (11/08/2010), Yoshinobu Yasunaga GS Yuasa International Ltd. (11/08/2010), Akıhiro Fujii (11/08/2010), Yohei Shibata (11/08/2010), Internal Address Additional name(s) of conveying party(ies) attached? X Yes Street Address 3. Nature of conveyance/Execution Date(s): 1. Inobaba-cho, Nishinosho, Execution Date(s) <u>in parentheses after inventor name</u> Kisshoin, Minami-ku, Kyoto-shi x Assignment Merger Change of Name Security Agreement Joint Research Agreement City Government Interest Assignment State Executive Order 9424, Confirmatory License Country JAPAN 601-8520 Zıp Additional name(s) & address(es) Yes Х attached? 4. Application or patent number(s): x This document is being filed together with a new application A Patent Application No (s) B Patent No (s) This application Additional numbers attached? 5. Name and address to whom correspondence 6. Total number of applications and 1 concerning document should be mailed: patents involved: Name RADER, FISHMAN & GRAUER PLLC 7. Total fee (37 CFR 1 21(h) & 3 41) 40 00 Internal Address Atty Dkt GSY-0004 Street Address 1233 20th Street, N W Authorized to be charged to deposit account Suite 501 Enclosed

Washington

Zıp

Signature

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9. Signature:

sheet, attachments, and documents 11/23/2019 ANULLINS 99999992 01 F(:8021

8. Payment Information

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18-0013

Sterling D. Fillmore

November 19, 2010

Date

Total number of pages including cover

None required (government interest not affecting title)

	RECORDATION (!	FORM COVER SHEET (PTO-15 supplemental sheet)	1 52/73690
Additional Conve		cution Date(s) (1. Continued	
Mariko Kohmoto (11. Nakagawa (11/10/20	/08/2010), Takashı Ega 010), Tokuo Inamasu (1	wa (11/12/2010), Toru Tabuchi (1 1/08/2010), and Toshıyukı Nukuda	1/17/2010), Hiroe a (11/12/2010)
Additional Assign	ees (2. Continued):		
Assignee Name Internal Address Street Address			
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Assignee Name Internal Address Street Address			
City	State	Country	Zıp
Additional Applica	itions and/or Patents	s (4. Continued):	
Additional Patent Applicati 4A Continued	on Numbers	Additional Patent Numbers 4B Continued	
	Additional numbers	attached? Yes X No	ם

REEL: 025309 FRAME: 0042

12/736901 IAPO1Rec'd PCT 19 NOV 2010

Docket Number: GSY-0004

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

POSITIVE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY AND LITHIUM SECONDARY BATTERY

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, GS YUASA INTERNATIONAL LTD., a Japanese corporation with offices at 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8520 JAPAN, (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of Ten Dollar (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States

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and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow:

Serial Number:

, Filing Date:

This assignment executed on the dates indicated below.

Yukiko FUJINO	藤野有希子	November 8, 2010
	Signature	Date
Yoshinobu YASUNAGA	Fignature Signature	Rovember 8,20/0 Date
Akihiro FUJII	版中 刚博 Signature	<u>November</u> 8, 2010 Date
Yohei SHIBATA	柴田洋平 Signature	November 8. 2010 Date
Mariko KOHMOTO	河本真強子 Signature	November 8, 2010 Date

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Takashi EGAWA	ジェル 第	(1, 12,20/0
	Signature	Date
Toru TABUCHI	田沙 領 Signature	November 17, 2010 Date
Hiroe NAKAGAWA	中叫添江 Signature	[[, [0, 20]0]
Tokuo INAMASU	稻益德雄 Signature	November 8, 20/0 Date
Toshiyuki NUKUDA	想 说 数之 Signature	November 12,200

PATENT REEL: 025309 FRAME: 0045

RECORDED: 11/19/2010