

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hirohito Satoh	05/10/2012
RECEIVING PARTY DATA	
Name:	JX Nippon Mining & Metals Corporation
Street Address:	6-3, Otemachi 2-chome
City:	Chiyoda-ku, Tokyo
State/Country:	JAPAN
Postal Code:	100-0004
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13582087
CORRESPONDENCE DATA	
Fax Number:	5088982020
Phone:	508 898 1818
Email:	rob.frame@iplawboutique.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Nields, Lemack & Frame, LLC
Address Line 1:	176 E. Main Street
Address Line 2:	Suite #5
Address Line 4:	Westborough, MASSACHUSETTS 01581
ATTORNEY DOCKET NUMBER:	763P019
NAME OF SUBMITTER:	Kevin S. Lemack
Total Attachments: 1 source=763P019-Assignment#page1.tif	

OP \$40.00 13582087

A S S I G N M E N T

WHEREAS, I, Hirohito Satoh, a citizen of Japan residing at c/o Isohara Works, JX Nippon Mining & Metals Corporation, 187-4, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535, Japan, hereinafter generally referred to as "ASSIGNOR", have invented a certain new and useful improvements in

POSITIVE ELECTRODE ACTIVE MATERIAL FOR LITHIUM-ION BATTERY, POSITIVE ELECTRODE FOR LITHIUM-ION BATTERY, AND LITHIUM-ION BATTERY

for which I have on May 10, 2012 executed an application for Letters Patent of the United States under 35 U.S.C. 371 resulting from the International Application No. PCT/JP2011/053710 filed on February 21, 2011, and

WHEREAS, JX Nippon Mining & Metals Corporation, a Japanese Corporation having a place of business at 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 Japan, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said application for Letters Patent,

NOW, THEREFORE, in good and valuable consideration paid to me by said ASSIGNEE, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, I, the undersigned ASSIGNOR, hereby agree to sell, assign, transfer and convey, and by these presents do sell, assign, transfer and convey unto the above named ASSIGNEE, the whole and entire right, title and interest

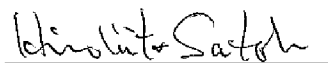
in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and for all foreign countries, and

in and to the above patent application and any and all United States Letters Patent which may be granted on said patent application and all United States and all foreign Letters Patent which may be granted on said invention including divisions, reissues, and continuations;

said invention, patent application and Letters Patent to be held and enjoyed by the above named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR had this assignment and sale not been made; and for the aforesaid considerations ASSIGNOR hereby covenants, agrees and undertakes to execute whenever requested by the above named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patent hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR.

Executed at Ibaraki, Japan

this 10th day of
May, 20 12

 (L.S.)
Hirohito Satoh

PATENT