

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the the Assignee previously recorded on Reel 030296 Frame 0653. Assignor(s) hereby confirms the second assignee is Automotive Energy Supply Corporation.

## CONVEYING PARTY DATA

Name	Execution Date
Youichi Matsuura	04/18/2013
Yoshitaka Fukagai	04/18/2013
Satoshi Yamada	04/18/2013
Etsuo Ogami	04/18/2013
Satoshi Okano	04/18/2013
Tomoyuki Ichikawa	04/18/2013

## RECEIVING PARTY DATA

Name:	Toray Advanced Film Co., Ltd.
Street Address:	3-16, Nihonbashi Hongoku-cho 3-chome, Chuo-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	103-0021

Name:	Automotive Energy Supply Corporation
Street Address:	10-1, Hironodai 2-chome
City:	Zama
State/Country:	JAPAN
Postal Code:	228-0012

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13881869

## CORRESPONDENCE DATA

Fax Number: 2156562498

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ATTORNEY DOCKET NUMBER:	HIP-13-1147
NAME OF SUBMITTER:	Carol Coney
Signature:	/cc/
Date:	05/07/2013

Total Attachments: 8  
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<b>PATENT ASSIGNMENT</b>
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Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Youichi Matsuura	04/18/2013
Yoshitaka Fukagai	04/18/2013
Satoshi Yamada	04/18/2013
Etsuo Ogami	04/18/2013
Satoshi Okano	04/18/2013
Tomoyuki Ichikawa	04/18/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Toray Advanced Film Co., Ltd.
<b>Street Address:</b>	3-16, Nihonbashi Hongoku-cho 3-chome
<b>Internal Address:</b>	Chuo-ku
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	103-0021
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13881869
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	2156562498
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<b>Email:</b>	pto.phil@dlapiper.com
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<b>Correspondent Name:</b>	IP GROUP OF DLA PIPER LLP (US)
<b>Address Line 1:</b>	ONE LIBERTY PLACE

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Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103	
ATTORNEY DOCKET NUMBER:	HIP-13-1147 (308870-020)
NAME OF SUBMITTER:	Leslie J. Hood
Signature:	/LJH/
Date:	04/26/2013
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	
<b>RECEIPT INFORMATION</b>  EPAS ID: PAT2367687 Receipt Date: 04/26/2013 Fee Amount: \$40	

ASSIGNMENT

WHEREAS, we, (1) Youichi MATSUURA, (2) Yoshitaka FUKAGAI, (3) Satoshi YAMADA, (4) Etsuo OGAMI, (5) Satoshi OKANO and (6) Tomoyuki ICHIKAWA, citizens of Japan,

(1) and (2) residing at c/o Takatsuki Plant, Toray Advanced Film Co., Ltd., 1-5, Sakura-machi, Takatsuki-shi, Osaka 569-0807 Japan,

(3) residing at c/o Toray Advanced Film Co., Ltd., 3-16, Nihonbashi Hongoku-cho 3-chome, Chuo-ku, Tokyo 103-0021 Japan, and

(4) - (6) residing at c/o Automotive Energy Supply Corporation, 10-1, Hironodai 2-chome, Zama-shi, Kanagawa 228-0012 Japan

respectively, (hereinafter referred to as "the undersigned"), having made an invention entitled

SECONDARY BATTERY, METHOD FOR MANUFACTURING SAME, AND  
HEAT-SEALABLE INSULATING FILM FOR SECONDARY BATTERY

identified in International Application No. PCT/JP2011/072145, and US Application No. 13/881,869, (DLA Piper is authorized to insert the Serial No. when known),

WHEREAS, (1) Toray Advanced Film Co., Ltd., with a head office at 3-16, Nihonbashi Hongoku-cho 3-chome, Chuo-ku, Tokyo 103-0021 Japan, and (2) Automotive Energy Supply Corporation, with a head office at 10-1, Hironodai 2-chome, Zama-shi, Kanagawa 228-0012 Japan,

(hereinafter referred to as "assignee"), are desirous of acquiring the entire right, title and interest in said invention, said US application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said US application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on the date(s) set forth below.

April 18, 2013  
Date

April 18, 2013  
Date

(1) Youichi Matsuura  
Youichi MATSUURA

(2) Yoshitaka Fukagai  
Yoshitaka FUKAGAI

ASSIGNMENT  
(Page 2)

April 18, 2013  
Date

April 18, 2013  
Date

April 18, 2013  
Date

April 18, 2013  
Date

(3) Satoshi Yamada  
Satoshi YAMADA

(4) Etsuo Ogami  
Etsuo OGAMI

(5) Satoshi Okano  
Satoshi OKANO

(6) Tomoyuki Ichikawa  
Tomoyuki ICHIKAWA