PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date	
Norimasa YOKOYAMA	02/25/2011	
Shuichi HAYASHI	02/25/2011	
Sawa IZUMI	02/25/2011	
Naoaki KABASAWA	02/25/2011	
Shigeru KUSANO	02/25/2011	

RECEIVING PARTY DATA

Name:	HODOGAYA CHEMICAL CO., LTD.		
Street Address:	4-1, Shibakoen 2-chome, Minato-ku		
City:	Tokyo		
State/Country:	JAPAN		
Postal Code:	105-0011		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13120665

CORRESPONDENCE DATA

Fax Number: 7034132220

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Signature:	/Jacqueline Taylor/ PATENT
NAME OF SUBMITTER:	Jacqueline Taylor
ATTORNEY DOCKET NUMBER:	377847US99PCT

502356180 REEL: 030464 FRAME: 0171

OP \$40.00 13120665

Date:	05/22/2013
Total Attachments: 2 source=377847USAssignment#page1.tif source=377847USAssignment#page2.tif	

PATENT REEL: 030464 FRAME: 0172

Assignment of Application

	E) Norimasa YOKOYAMA (Tokyo, Japan, Naoaki KA					
	Tokyo, Jupan, Tuouki 121	Ditorivir or roug	ar, rup ar, a			
						
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	tain new and useful improver					
RING STRUCTU	RE AND PYRIDOINDOLE	RING STRUCTU	RE AND O	RGANIC	ELECTROLU	<u>IMINESCENCE</u>
DEVICE						
(Application No.	13/120,665	, filed	March	24, 20	11), and
\ 11						
WHEREAS,	HODOGAYA CHEMICAL	L CO., LTD.				
	". ". acra (DD)"			1 (0) (1) -1	2 ahama	Minete les Teler
(hereinafter referi	red to as "ASSIGNEE") have s desirous of acquiring the	ing a place of bus	nd interest	in and to	caid invention	and in and to an
105-0011 Japan 1	s desirous of acquiring the	chine right, title at	na micrest	m and to	Said HIVCHLIOH	and in und to an

Letters Patent that may be granted therefore in the United States and its territorial possessions and in a foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	February 25, 2011	Novimasa Gokoyama.	
		(Signature of Inventor) Norimasa YOKOYAMA	
Date: _	February 25, 2011	Shuichi Hayeshi . (Signature of Inventor) Shuichi HAYASHI	_
Date: _	Febraury 25, 2011	Sawa Izumi (Signature of Inventor) Sawa IZUMI	_
Date: _	February 25, 2011	Nacaki Kahasawa (Signature of Inventor) Naoaki KABASAWA	_
Date: _	February 25, 2011	Shigeru Kusaro (Signature of Inventor) Shigeru KUSANO	_
Date: _		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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RECORDED: 05/22/2013

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