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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroyuki KATO	11/02/2010
Yuuji SAKAMOTO	11/02/2010
Yoshihiko TAKASE	11/02/2010

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13055150

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NAME OF SUBMITTER:	Craig A. McRobbie

Total Attachments: 2

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PATENT

REEL: 025678 FRAME: 0077

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ASSIGNMENT

	Application No. <u>13/055,150</u>	FiledJanuary 21, 201			
Insert Name(s) of Inventor(s)	***(FAMILY NAME (ALL CAPS), Given Name)***				
	WHEREAS, KATO, Hiroy	yuki ; SAKAMOTO, Yuuji			
	TAKASE, Yoshihiko ;				
*	·				
	•	<u>;</u>			
	;				
	;	<u> </u>			
	,	· · · · · · · · · · · · · · · · · · ·			
	(hereinafter designated as the undersigned) has (have) inven	ted certain new and useful improvements in			
Insert Title of Invention	CDVCΦλΙ CDΛώΦυ ΤΝΌΤΕΤΦΛΕ ΦΛΕ ΕλΦΟ ΧΝΈΝ ΛΤΙΟ				
	for which an application for Letters Patent of the United States of America has been executed undersigned (except in the case of a provisional application).				
Insert Date of Signing of Application	onNovember 2, 2010	; and			
Insert Name of Assignce	WHEREAS,Taiyo Kagaku Co.;	Ltd.			
Insert Address of Assignee	of800 Yamadacho, Yokkaichi-shi, Mie 512-1111 Japan				
CHECK BOX IF APPROPRIATE	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.				
	NOW, THEREFORE, in consideration of the sum of Ten D the receipt of which is hereby acknowledged, and other go has (have) sold, assigned and transferred, and by these properties and possessions and the entire right, title and which may be granted therefor in the United States of possessions, and if the box above is designated, in any and a	od and valuable consideration, the undersigned resents does sell, assign and transfer unto said in the United States of America, its territories, I interest in and to any and all Letters Patent(s) of America, its territories, dependencies and			
	and to any and all divisions, reissues, continuations, conver- terms for which the same may be granted.	sions and extensions thereof for the full term or			

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The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any 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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date November 2, 2010,	Name of Inventor	(signature) KATO, Hiroyuki
Date November 2. 2010,	Name of Inventor	Cal 7. Mayin
Date November 2_2010	Name of Inventor	(signature) Takase, Yoshihiko
Date,		(signature)
Date,	Name of Inventor	(signature)
Date,	Name of Inventor	(signature)

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January 2002

PATENT REEL: 025678 FRAME: 0079