Atty Docket No.: 285617US0XCONT  FORM PTO-1595  RECORDA	02-13-2006  U.S. DEPARTMENT OF CO. Patent and Trade
06-C4 PAT	Patent and Trade
To the Director of the United States Patent and Trademarl	103177360 documents or copy the
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
<ol> <li>Satoshi NAKASHIMA</li> <li>Yasushi USAMI</li> </ol>	1) MITSUBISHI CHEMICAL CORPORA
3) Kazutaka SAKAKI	Name: 2) MITSUBISHI PLASTICS, INC.
	Address: 1) 33-8, Shiba 5-chome, Minato-ku Tokyo 108-0014 JAPAN
Additional name(s) of conveying party(ies) attached?   Yes	No 2) 5-2, Marunouchi 2-chome, Chiyoda-ka
3. Nature of Conveyance:	Tokyo 100-0005 JAPAN
Assignment	8
☐ Security Agreement ☐ Change of Name ☐ Other	7
Execution Date: January 25, 2006	Additional name(s) and address(es) attached?   Yes
4. Application number(s) or patent number(s):	
This document is being filed together with a new application	1
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers att	ached? □ Yes ■ No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1
Customer Number	7. Total fee (37 CFR 3.41): \$40.00
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22850 Tel. (703) 413-3000	☐ Authorized to be charged to deposit account
Fax. (703) 413-2220	8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)
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To the best of my knowledge and belief, the foregoing information	tion is true and correct and any attached copy is a true
copy of the original document.	2/1/20
Frederick D. Vastine, Ph.D.  Name of Person Signing  S.	1000 - 1/2/06
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PATENT REEL: 017547 FRAME: 0166

## **Assignment of Application**

Page 1 of 2

-	WHEREAS, I (WE)	Satoshi NAKASHIMA of Ibaraki, Japan	
NSERT NAMES		Yasushi USAMI and Kazutaka SAKAKI	
ND RESIDENCE DDRESS OF HE INVENTORS:		both of Shiga, Japan	
	<del></del>		
			, respectively,
NSERT TITLE IF INVENTION:	have invented certain n	NONAQUEOU wand useful improvements in: <u>SECONDARY</u>	JS ELECTROLYTE SOLUTION
	NONAQUEOUS ELE	CTROLYTE SOLUTION SECONDARY BAT	TERY USING THE SAME
NSERT DATE IN- ENTORS SIGNED ECLARATION:	for which an application	n for Letters Patent was executed on Janu	ary 25, 2006
NSERT NAME ND ADDRESS OF OMPANY OR THER ASSIGNEE	(Application No.	, filed	), and
	WHEREAS, 1.	MITSUBISHI CHEMICAL CORPORATION	2. MITSUBISHI PLASTICS, INC.
	(hereinafter referred to	as "ASSIGNEE") having a place of business at:	<ol> <li>33-8, Shiba 5-chome, Minato-ku, Tokyo</li> <li>108-0014 Japan</li> </ol>
	2. 5-2, Marunouchi 2-	chome, Chiyoda-ku, Tokyo 100-0005 Japan	
	is desirous of acquiring	the entire right, title and interest in and to said	invention and in and to any Letters Patent that

may be granted therefore in the United States and its territorial possessions and in any and all 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.

03/03

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, P.C. 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:	January 25,	2006	Satoshi	nukashima
			(Signature of Inventor)	Satoshi NAKASHIMA
Date:	····			
			(Signature of Inventor)	Yasushi USAMI
Date:				
_			(Signature of Inventor)	Kazutaka SAKAKI
Date:				
_			(Signature of Inventor)	
Date: _				
_			(Signature of Inventor)	
Date:				
_			(Signature of Inventor)	
Date:				
			(Signature of Inventor)	
Date:				
_			(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

03/03

PATENT REEL: 017547 FRAME: 0168

## Assignment of Application

Page 1 of 2

	WHEREAS, I (WE)	Satoshi NAKASHIMA of Ibaraki, Japan	
SERTNAMES		Yasushi USAMI and Kazutaka SAKAKI	
ND RESIDENCE DDRESS OF HE INVENTORS:		both of Shiga, Japan	
nsert title F invention:	have invented certain ne	NONAQUEO  we and useful improvements in: SECONDARY	, respectively, US ELECTROLYTE SOLUTION V BATTED V SEDADATOD AND
		CTROLYTE SOLUTION SECONDARY BAT	
NSERT DATE IN TENTORS SIGNED TECLARATION:			nuary 25, 2006
NSERT NAME IND ADDRESS OF IOMPANY OR ITHER ASSIGNEE	(Application No.	, filed	), and
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	(hereinafter referred to a	as "ASSIGNEE") having a place of business at:	<ol> <li>33-8, Shiba 5-chome, Minato-ku, Tokyo</li> <li>108-0014 Japan</li> </ol>
	2. 5-2, Marunouchi 2-	chome, Chiyoda-ku, Tokyo 100-0005 Japan	
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Date:		
		(Signature of Inventor) Satoshi NAKASHIMA
Date:	January 25, 2006	(Signature of Inventor) Yasushi USAMI
Date:	January 25, 2006	Kazutake Sakaki
		(Signature of Inventor) Kazutaka SAKAKI
Date:		
		(Signature of Inventor)
Date:	<u> </u>	(Signature of Inventor)
		(Signature of Inventor)
Date:		
		(Signature of Inventor)
Date:		
•		(Signature of Inventor)
Date:		
		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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PATENT REEL: 017547 FRAME: 0170