PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takuo Ohshida	11/30/2007
Koichi Kanno	11/30/2007

RECEIVING PARTY DATA

Name:	Hitachi Gas Chemical Company, Inc.	
Street Address:	5-2, Marunouchi 2-chome	
Internal Address:	Chiyoda-ku	
City:	Tokyo	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	11912777	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 396.48074X00

NAME OF SUBMITTER: William I. Solomon

Total Attachments: 1

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PATENT REEL: 022296 FRAME: 0449

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ASSIGNMENT

	valuable consideration, th	_	-	•	~ ,
	by sell and assign to				Inc.
	<u>, Marunouchi 2-ch</u> c				
its successors and assig America, in and to	ns or other legal represen	tatives all my rig	hts, title and inte	erest, in and f	or the United States of
PROCESS	FOR PRODUCING CA	RBON MATERIA	L AND ALKAL	I ACTIVATI	ON APPARATUS
tion for United States which may be granted	ly one is named below) o Letters Patent therefor, e I therefor, and all divisio e said Letters Patent when	executed by me evens, continuations	en date herewith and extensions	, and all Unit thereof, the	ed States Letters Patent
by me or us if this assig And I hereby	any, Inc., inters Patent may be grant and sale had not be agree to sign and execute secution of the above-name	ed, as fully and ence een made; any further docu	ntirely as the sam ments or instrum	e would have	ay be necessary, lawful,
continuation-in-part, su	Ibstitute, divisional, renevings, or otherwise to secur	wal, reviewed or	reissue applicatio	ns or in any	
	by authorize and request t is Chemical Company		of Patents to iss	ue said Letter	s Patent to said
		(Full Nan	ne)		(Signature),
1) Date November 3	30, 2007 Inventor	Takuo OHS	HIDA	Jakus	o Ofshida
	Kanagawa, Japan		Citize	nship	Japan
Post Office Addres	s <u>c/o Mitsubishi Ga</u>	is Chemical Co	ompany, Inc.,	Hiratsuka	Research Laboratory
	6-2, Higashiyawat	a 5-chome, Hi	ratsuka-shi,	Kanagawa,	Japan
2) Date November 3	30, 2007 Inventor	Koichi K	ANNO	Hoich	Vi Lamo.
	kayama, Japan		Citize	nship	Japan
Post Office Addres	_s _c/o Mitsubishi Ga	s Chemical Co	ompany, Inc.,	Mizushima	Plant, 10,
	Mizushima-kaigand				
3) Date	Inventor				
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	3			_	
4) Data	Inventor		·		
	inventor				
	3			-	
Fost Office Address					
Witness(es)					
All)	2)		4)		
1)	3)		5)		

RECORDED: 02/23/2009

PATENT REEL: 022296 FRAME: 0450