PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kozo TAKATSU	03/18/2009
Yoshimi KAWASHIMA	03/18/2009
Satoshi NAKAI	03/18/2009
Takashi UMEKI	03/18/2009

RECEIVING PARTY DATA

Name:	IDEMITSU KOSAN CO., LTD.	
Street Address:	1-1, Marunouchi 3-chome, Chiyoda-ku	
City:	Tokyo	
State/Country: JAPAN		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12445389

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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

Phone: (703) 413-3000
Email: ajoya@oblon.com
Correspondent Name: Oblon, Spivak, et al.
Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 340386US

NAME OF SUBMITTER: Abdul Joya

Total Attachments: 2

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PATENT

REEL: 022553 FRAME: 0621

F \$40.00 1244538

	WHEREAS, I (WE) (1) Kozo TAKATSU, (2) Yoshimi KAWASHIMA,		
	(3) Satoshi NAKAI and (4) Takashi UMEKI		
SERT NAMES OD RESIDENCE DORESSES OF IE INVENTORS:	residing at all of 1280, Kamiizumi, Sodegaura-shi, Chiba, Japan		
	, respectively,		
NSERT TITLE IF INVENTION:	have invented certain new and useful improvements in:		
	CATALYST FOR CARBON MONOXIDE CONVERSION AND METHOD OF CARBON MONOXIDE MODIFICATION WITH THE SAME		
NSERT DATE IN- ENTORS SIGNED ECLARATION:	for which an application for Letters Patent was executed on		
	(Application No, filed), and		
NSERT NAME IND ADDRESS OF COMPANY OR OTHER ASSIGNEE:	WHEREAS,IDEMITSU KOSAN CO., LTD.		
THE ALGICALE.	(hereinafter referred to as "ASSIGNEE") having a place of business at:		
	1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 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.

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PATENT REEL: 022553 FRAME: 0622 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.

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 Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 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:	MAR. 1 8.2009	Kozo Takaten
		(Signature of Inventor) Kozo TAKATSU
Date:	MAR. 1 8.2009	Yoshimi Kamashima
		(Signature of Invantor) Yoshimi KAWASHIMA
Date:	MAR. 1 8. 2009	Satoshi Makai
Date:	MAR. 1 8.2009	Satoshi NAKAI Takashi Cmehi
		(Signature of Inventor) Takashi UMEKI
Date:		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202

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