MRD	OIPE vez			
Atty Docket No.; 223310US0X/pmh	JUL 0 8' 10-28-2002			
FORM PTO-1595 . 7 . 08. 02 RECORDATION FORM CO PATENTS O	VER SHEET			
To the Honorable Commissioner of Patents and Trademarks. Please	e record the attached 0.15. 102260112			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Manabu MIZOBUCHI, Kensaku KINUGAWA, Noboru HASHIMOTO, Akira IGARASHI and Hajime IIDA	Name: 1) Matsushita Electric Works, Ltd. 2) Akira IGARASHI			
Additional name(s) of conveying party(ies) attached? □Yes ■No	Address: 1) 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686, Japan			
3. Nature of Conveyance:	2) 6-3-5-111, Uchiya, Saitama-shi, Saitama 336-0034, Japan			
■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other				
Execution Date: May 9, 2002	Additional name(s) and address(es) attached? □Yes ■No			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the	execution date of the application is:			
A. Patent Application No.(s) 10/147,864	B. Patent No.(s)			
Additional numbers atta	ched? □Yes ■No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1			
	7. Total fee (37 CFR 3.41): \$40.00  ■ Enclosed  □ Authorized to be charged to deposit account			
22850	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 of the original document.	on is true and correct and any attached copy is a true copy			
Norman F. Oblon	1/8/02			
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91 FC:581

**PATENT REEL: 013201 FRAME: 0169** 

## **Assignment of Application**

Page 1 of 2

	WHEREAS, I (WE)	Manabu MIZOBUCHI of Kobe-shi, Japan,	
SERT NAMES ID RESIDENCE		Kensaku KINUGAWA of Ikoma-gun, Japan,	
DDRESS OF LE INVENTORS:		Noboru HASHIMOTO of Suita-shi, Japan,	
		Akira IGARASHI of Saitama-shi, Japan and	
		Hajime IIDA of Hachioji-shi, Japan	
	•		
	entanti nu		
		,r	espectively,
ERT TITLE INVENTION:	have invented certain n	new and useful improvements in: CATALYST FOR REMOVING CARBON	
	MONOXIDE IN	HYDROGEN RICH GAS AND PRODUCTION METHOD THEREFOR	
ERT DATE IN- NTORS SIGNED CLARATION:	for which an applicatio	on for Letters Patent was executed on May 9, 2002	
PDT VILLE	(Application No. 10	)/147,864 , filed May 20, 2002	), and
ERT NAME D ADDRESS OF MPANY OR ŒR ASSIGNEE	WHEREAS, Ma	atsushita Electric Works, Ltd.	
	(hereinafter referred to	as "ASSIGNEE") having a place of business at:	
		Kadoma-shi Osaka 571-8686 Japan	
		d Akira IGARASHI	
		as "ASSIGNEE") having a place of business at:	
		aitama-shi, Saitama 336-0034, Japan	
	are desirous of acquiring may be granted therefo	g the entire right, title and interest in and to said invention and in and to any Letters ore in the United States and its territorial possessions and in any and all foreign cour	s Patent that atries;
	NOW THEREPO		

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.

10/01

PATENT REEL: 013201 FRAME: 0170 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: _	May 9, 2002	manaba mizobachi	
		(Signature of Inventor) Manabu MIZOBUCHI	
Date: _	May 9, 2002	Kensaku Kinugawa	
		(Signature of Inventor) Kensaku KINUGAWA	
Date: _	May 9, 2002	Mohore Hashimoto	
		(Signature of Inventor) Noboru HASHIMOTO	
Date: _	May 9, 2002	apria Garashi	
		(Signature of Inventor) (Akira IGARASHI	
Date: _	May 9, 2002	Majime Dida	
		(Signature of Inventor) Hajime IIDA	
Date:			
_		(Signature of Inventor)	
Date:			
		(Signature of Inventor)	
Date:			
		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW FOURTH FLOOR

1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

10/01

RECORDED: 07/08/2002

PATENT REEL: 013201 FRAME: 0171