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Name of Person Signing

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Co	nveying Party(				Execution Date(	S)			
1.					March 13, 2000				
	Tsuyoshi Horik				March 13, 2000				
	Takaaki Kawal			March 13, 2000					
	Fusaoki Uchik				March 13, 2000				
	Shigeru Matsu				March 13, 2000				
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		nal Names of Conve	ying Parties Attache	d	- $=$ $0$	<del>32.100.7.</del>			
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		2-3, Marunouchi 2-ci	nome, Chiyoda-ku						
	Address	<b>-</b>	IADAN		100 9310				
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<u> </u>		nal Names of Receiv	ring Farties Attachet	1					
CO	rrespondent N	ame and Address							
Jeffrey A. Wyand Leydig, Voit & Mayer, Ltd. 700 Thirteenth St., N.W. Suite 300				Telephone: (202) 737-6770 Facsimile: (202) 737-6776 Attorney Docket No. 400583/ASAHI					
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PATENT

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		Attorney Docket No.400583/ASAHI
	RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY	U.S. Department of Commerce Patent and Trademark Office PATENT PATENT
Conveying Party(ies) 7. Akira Yamada 8. Masayoshi Tarutani 9. 10. 11.		Execution Date(s) March 13, 2000 March 13, 2000
Receiving Party(ies)		
Name Name Address Address Address City	State/Country	Zip Code
Name Name Address Address Address City	State/Country	Zip Code
Application Number(s) or F	atent Number(s)	Mark if additional numbers attached

**PATENT** 

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## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Shigeru Matsuno, Takehiko Sato, Akira Yamada and Masayoshi Tarutani, all residing at

hereby sells, assigns and transfers to

MITSUBISHI DENKI KABUSHIKI KAISHA

of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

(i) the application for United States Letters Patent entitled:

VAPORIZING DEVICE FOR CVD SOURCE MATERIALS

AND CVD APPARATUS EMPLOYING THE SAME

which	h was	execut	ed by	the u	nders	igno	ed or	า	
Marc	h 13,	2000		, \$3	99	or	was	filed on	
							and	accorded	Serial
No.			(here	inafte:	r cal	led	the	Applicat	ion);

- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called the Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

The Assignee and its agents are hereby authorized to insert in this instrument the filing date and serial number of said application.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.

appropriate patent protection.	
Signed atTOKYO, JAPAN	
this 13th day of March	_, 2000 .
WITNESS(ES):	INVENTOR(S):
How Yamada	Sligen mateune
Shigery matruna	Jakehiko Sato
Slegen matsuno	Akira Yamada
Shigem materina	nasayorh Tanta.

Further, it is agreed that, when requested, without charge

to but at the expense of said Assignee, the undersigned will

assistance requested by the Assignee to secure and maintain

execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable

## **ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Mikio Yamamuka, Tsuyoshi Horikawa, Takaaki Kawahara and Fusaoki Uchikawa, all residing at

c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

hereby sells, assigns and transfers to

MITSUBISHI DENKI KABUSHIKI KAISHA

of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

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(i) the application for United States Letters Patent entitled:

VAPORIZING DEVICE FOR CVD SOURCE MATERIALS

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whic	ch	was	execu <sup>1</sup> , 2000	ted	by	the	und	ders:	igne	ed or	n.	
Mar	ch	13,	, 2000				XXX	<b></b>	or	was	filed on	
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No.				(he	erei	inaf	ter	cal	led	the	Applicat:	ion);

- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called the Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

The Assignee and its agents are hereby authorized to insert in this instrument the filing date and serial number of said application.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.

applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection. this 13th day of March , 2000 . WITNESS(ES): INVENTOR(S): mikic Yamamuka Strigen mateuro - Jangski Horikawa Jakaaki Kawahara Jusahi Johikame Shigery matsimo

Shigery matsuno

Vingen materino

RECORDED: 03/23/2000

to but at the expense of said Assignee, the undersigned will

execute all divisional, continuing, substitute, or reissue patent

Further, it is agreed that, when requested, without charge