REEL: 011916 FRAME: 0473

ASSIGNMENT

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of an invention described in an application for United States patent entitled:

SOLID SUBSTANCE REMOVING DEVICE

sell and assign to NIPPON SHOKUBAI CO., LTD.
a corporation of duly organized under the laws of Japan
having a business address at 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

SERIAL NO .:

FILING DATE:

INVENTOR: SIGNATURE	DATE	ADDRESS	
Sign:	Date:	Address:	
Lei Hamamoto	25 /May/2001	3-29, Otsu-cho, Otsu-ku,	
Туре:	Witness:	Himeji-shi, Hyogo 671-1146 Japan	
Кеі НАМАМОТО	Kershi Taubor		
Sign:	Date: Keishi TSUBOI	Address:	
Yukihiro Mateumoto	25/May/2001	1-45, Goshikiyama 1-chome,	
Туре:	Witness:	Tarumi-ku, Kobe-shi,	
Yukihiro MATSUMOTO	Keishi Tantoi	Hyogo 655-0035 Japan	
Sign:	Date: Keishi TSUBOI	Address:	
See Makaner	28/May/2001	448-1-509, Waku, Aboshi-ku,	
Туре:	Witness:	Himeji-shi, Hyogo 671-1227 Japan	
Sei NAKAHARA	Kishi Tantoi		
Keishi TSUBOI			

RECORDING OFFICER:

NOTES: MUST BE DATED.

After recording, please return to:

WITTNESS DESIRABLE.

PATENT REEL: 011916 FRAME: 0474

LEGALIZATION NOT REQUIRED.

RECORDED: 06/13/2001

ASSIGNMENT

INVENTOR: SIGNATURE	DATE	ADDRESS
Sign:	Date:	Address:
Nauto, Kasaya	25/May/200/	1329-10, Okihama, Aboshi-ku,
Туре:	Witness:	Himeji-shi, Hyogo 671-1242 Japan
Naoto KASAYA	V5/May/200/ Witness: Kershi Tantoi	
Sign:	Date: Keishi TSUBOI	Address:
Mosakater Mori	30/Mey /200/ Witness:	1182, Iwami, Mitsu-cho, Ibo-gun,
Туре:		Hyogo 671-1311 Japan
Masakatsu MORI	S. Obeda.	
Sign:	Date: Shigemi IKEDA	Address:
Type:	Witness:	
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Sign:	Date:	Address:
Type:	Witness:	
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Sign:	Date:	Address:
Туре:	Witness:	
	Date	Address:
Sign:	Date:	Address.
Туре:	Witness:	
Sign:	Date:	Address:
Туре:	Witness:	

PATENT REEL: 011916 FRAME: 0475