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OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar P08A/REV02		Patent	t and Trademark Offic
Tab settings → → → ▼       ▼       ▼       1009         To the Honorable Commissioner of Patents ,       1009	941034		▼
1. Name of conveying party(ies):		hed original documents of receiving party(ies):	
Masaaki Ohtsuki	2. Marile and address	s or receiving party(les):	0
Mitsuru Tokuyama Mihaha Tanjanung	Name: Sharp Kab	ushiki Kaisha	PT PT
Mihoko Tanimura Masatsugu Nakamura	Address: 22-22 Na	agaike-cho Abeno-ku	2130. 16/9
Additional names(s) of conveying party(ies)	Osaka 54	45-8522 Japan	12 00 22
3. Nature of conveyance:			j.
🛛 Assignment 🗌 Merger	·		
Security Agreement     Change of Name	City:	State/P	Prov.:
Other	Country:	ZIP:	
Execution Date: December 1, 1998	Additional name(s) & add	ress(es) 🗆 Ye	s 🖾 No
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Additional numbers Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed: Name: David G. Conlin Registration No. 27,026 Address: Dike, Bronstein, Roberts & Cushman, LLP 130 Water Street City: Boston State/Prov.: MA Join 1998 BFLOYD 00000016 09213083 FC Genutry: USA 49.99 0FIP: 02109 DO NOT U 9. Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document.	<ul> <li>☐ Yes X No</li> <li>6. Total number of app</li> <li>7. Total fee (37 CFR 3</li> <li>X Enclosed - Any credited or debi</li> <li>L Authorized to b</li> <li>8. Deposit account nu</li> <li>04-1105</li> </ul>	plications and patents ir 3.41):\$ 40.0 v excess or insufficiency ited to deposit account re charged to deposit ac	00 should be count <i>is a true copy</i> 6, 1998

PATENT REEL: 9681 FRAME: 0714 Masaaki OHTSUKI

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including all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration we agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

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IN WITNESS WHEN	EOF, I, Masaaki OF	<b>T</b> TSUKT	, hereunto set my
hand and seal this	1st day of [	December	, hereunto set my
	, hereunto set	my hand and sea.	L this 1st day of December
19 <u>98</u> , and I, <u>Mihe</u>	oko TANIMURA	, 1	pereunto set my hand and seal
this 1st da	y of <u>December</u>	, 19 <u>98</u> .	
		_	Masaaki Ohtenki
		_	Masaaki Ohtouki <u>Mitsuru Tokuyama</u> Mihoko Janimura
		_	Mikoko Sanimura
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Commonwealth [State	a] of		
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Before me this the foregoing inst	day of, who is rument of assignment	to me personall to be [her] his	, 19, personally appeared y known, and acknowledged free act and deed.
			Notary Public
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\*Where the application is assigned before it is filed, and hence has no Serial No., this shall be left blank.

> PATENT REEL: 9681 FRAME: 0715

We Masatsugu NAKAMURA

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or good and valuable considerat.		
	, a Japanese	corporation,
aving its principal place of bus	siness in Osaka, Japan	
ereinafter called the Assignee,	receipt of which is hereby	acknowledged, do hereby
ell, assign and transfer unto the	he Assignee, its successors	and assigns, the entire
ight, title and interest in, to	and under an application for	r Lattors Batant of the
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or Improvements in IMAGE FOR	RMING DEVICE	
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including all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration we agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

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IN WITNESS WHEREOF, I, Masatsugu NAKAMURA	, hereunto set my
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	Masatsugue Mabamura
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Before me thisday of	, 19, personally appeared
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	Notary Public
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the foregoing instrument of assignment to be [her]	his free act and deed.
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*Where the application is assigned before it is file	ed,
and hence has no Serial No., this shall be left bl.	ank.

**RECORDED: 12/16/1998**