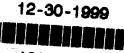
0039-7468-2RD/mer Atty Docket No.:



U.S. DEPARTMENT OF COMMERCE

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Mitsuko SHIMIZU, Takayuki ABE, Hirohito ANZE, Susumu OGI, Takashi KAMIKUBO, Eiji MURAKAMI, Yoshiaki HATTORI, Tomohiro IIJIMA, Hitoshi HIGURASHI and

Kazuto MATSUKI

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2. Name and address of receiving party(ies):

Kanagawa-Ken, Japan

KABUSHIKI KAISHA TOSHIBA

72, Horikawa-Cho, Saiwai-Ku, Kawasaki-Shi,

4. Application number(s) or patent number(s): 09/459648

If this document is being filed together with a new application, the execution date of the application is:

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A. Patent Application No.(s)

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5. Name and address of party to whom correspondence concerning document should be mailed:

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Attorneys at Law Fourth Floor

1755 Jefferson Davis Highway Arlington, Virginia 22202

6. Total applications and patents involved: 1

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> PATENT REEL: 010466 FRAME: 0988

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Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the undersigned,
Mitauko SHIMIZU, Takayuki ABE, Hirohito ANZE,
Susumu COGI, Takashi KAMIKUBO, Eiji MURAKAMI,
Yoshiaki HATTORI, Tomohiro IIJIMA, Hitoshi
HIGURASHI and Kazuto MATSUKI

who have created a certain invention for which an application for United States Letters Patent

	executed by ME/US on even date herewith,		
_	(respectively).		
		and assigne	
_	Serial No.		
Ц	filed as International Application No.		
and entit	Hed:		

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表現によってのみ解釈されることに同意する。

上記を証明するため、私/私達は下記日付で署名する。

undersigned.

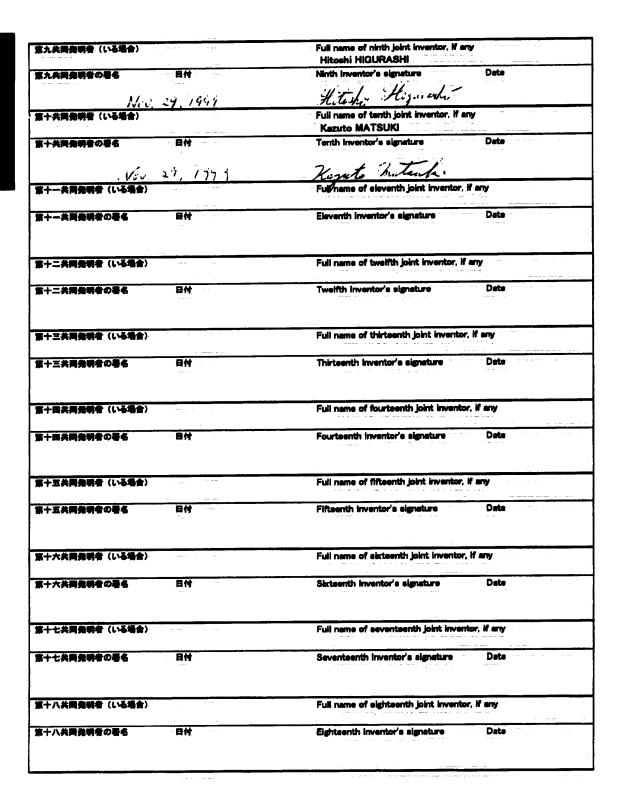
さらに,下記に署名した私/私途はこの譲渡者は英語の部分の I/WE, the undersigned do further agree that this Assignment is to be construed solely according to the terms of the English language portions thereof.

> IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR - signature seal on the date indicated below.

唯一家たは第一発明者名		Full name of sole or first inventor Mitsuko SHIMIZU	
発明者の著名	日付	inventor's signature	Date
	Mar. 27 1997	Mu trissite blancapte. Full name of second joint inventor, if any	· -
第二共同発明者(いる場合)		Full name of second joint inventor, if any Takeyuki ABE	
第二共同発明者の著名	日付 ******	Second Inventor's signature	Date
	Vev. 27. 1994	Takayuki Ate	
第三共同発明者(いる場合)	-	Full name of third joint inventor, if any Hirohito ANZE	
第三共同発明者の著名	- 8件	Third inventor's signature	Date
	hout 20 479	Workith ame	
第四共同発明者(いる場合)		Full name of fourth joint inventor, if any Susumu OOG!	
第四共同発明者の書名	- BM	Fourth inventor's eignature	Date
	No. 37. 119	Busuma Cogi	
第三共同発明者(いる場合)		Full name of fifth joint inventor, if any Takashi KAMIKUBO	
第五共同発明者の著名	日付 *****	Fifth Inventor's signature	Date
	now 17 1777	Takashi kamikun	:
第六共同発明者(いる場合)		Full name of sixth joint inventor, if any Eiii MURAKAMI	
第六共同発明者の著名	- 日付	Sixth inventor's signature	Dete
	Nas 21 . 1797	Eiji hun hans	
第七共開発明告(いる場合)		Full name of seventh joint inventor, if an Yoshiaki HATTORI	
第七共同発明者の著名	日付	Seventh Inventor's signature	Dete
	Ev. 36 1999	Yeskiake/Latter	
第八共同発明者(いる場合)		Full name of eighth joint inventor, if any Tomohiro IIJIMA	
第八共同発明者の著名	B#	Eighth Inventor's signature	Date
	nov. 12 1444	Tomehiro Lijimo	

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