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RECORDATIO



'. Docket No.:	0054-0269P		
	Page 1 of	l	

WATRADEM!		466367
	To the Honorable Commi Please record the attached 6	102466367 10246marks:
1. Name of conveying part	• • •	2. Name and address of receiving party(ies)
[FAMILY NAME (ALL CA	APS), Given Name	Name: MITSUBISHI DENKI KABUSHIKI KAISHA
YANAGISAWA, Taka	ayuki	Internal Address:
HIRANO, Yoshihito		Street Address: 2-3, Marunouchi 2-chome, Chiyoda-ku
,		City: Tokyo State: ZIP:
,		Country: Japan Postal Code: 100-8310
,		Additional name(s) & address(es) attached? YES NO
Additional name(s) of conv		Additional name(s) & address(es) attached:
3. Nature of conveyance:		
Assignment	☐ Merger	
Security Agreemen	t Change of Name	
Other:		
Execution Date: Decembe	er 26, 2002	
4. Application number(s) of	or patent number(s):	
If this document is being fi	led together with a new application, the	ne execution date of the application is:
A. Patent Application No(s	s).	B. Patent No.(s).
10/329,471		
	Additional numbers attac	ched? YES NO
	rty to whom correspondence	6. Total No. of applications/patents involved: one (1)
concerning document should be mailed:		7. Total fee (37 C.F.R. § 3.41): \$40.00
Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP		⊠ Enclosed
Street Address: P. O. BOX 747		Authorized to be charged to deposit account,
City: FALLS CHURCH	State: VA ZIP: 22040-0747	if no fee attached.
Country: USA		8. Deposit account number: <u>02-2448</u>
		(Attach triplicate copy of this page if paying by deposit account)
	DO NOT USI	E THIS SPACE
9. Statement and signature Michael K. Mutter, Name of Person Signing.	#29,680	Signature June 3, 2003 Date
		-
То	tal number of pages including cover s	heet, attachments, and document: two (2)

06/05/2003 ECOOPER 00000059 10329471

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MKM:JPK

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00), and otheration, the receipt of which is hereby acknowledged, the usual YANAGISAWA and Yoshihito HIRANO		
hereb	y sells, assigns and transfers to	· · · · · · · · · · · · · · · · · · ·	
	MITSUBISHI DENKI KABUSHIKI KA of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO		
(here in and	inafter called the Assignee), its successors and assigns, the ϵ d to:	entire right, title, and interest	
(i)	the application for United States Letters Patent entitled		
	which was executed by the undersigned on the dates incor was filed on (hereinafter called the Applie	and accorded Serial No.	
(ii)	any and all inventions and improvements which are descri	bed in the Application;	
(iii)	any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);		
(iv)	any and all divisions, continuations, substitutes, reexamin of the Application or Patent; and	nations, reissues, or extensions	
(v)	all benefits under the International Convention for the Pro	tection of Industrial Property.	
	Said Assignee of said patent application and the attorneys at application are authorized to insert in this instrument the fid application.		
Lette	The Commissioner of Patents and Trademarks is authorizers Patent, when granted, to said Assignee.	zed to issue any and all of said	
appli	Further, it is agreed that, when requested, without charge gnee, the undersigned will execute all divisional, continuing cations; execute all additional assignments and other writings; and provide all reasonable assistance requested by the Aspriate patent protection.	, substitute, or reissue patent gs, including reexamination	
	ENTOR(S):	DATE	
(Takayuki YANAGISAWA) Takayuki Yangisawa (Yoshihito HIRANO) Yoshihito Hirana		Pec. 26, 2002	
(Yos	hihito HIRANO) Yoshihito Hirana	Dec 26, 2002	
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RECORDED: 06/03/2003

PATENT REEL: 014130 FRAME: 0787