PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Susumu KOMORIYA	10/31/2008
Kyoichi MORI	10/31/2008
Noritaka SHIZAWA	10/31/2008
Takanori YAMASAKI	10/31/2008
Tetsuhiro HATOGAI	10/31/2008
Koji TSUSHIMA	10/31/2008

RECEIVING PARTY DATA

Name:	Hitachi High-Technologies Corporation
Street Address:	24-14, Nishi-Shimbashi, 1-chome, Minato-Ku
City:	Tokyo
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12270376

CORRESPONDENCE DATA

Fax Number: (703)684-1157

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 703-684-1120

Email: ncolston@msmbpatentlaw.com

Correspondent Name: MATTINGLY, STANGER, MALUR & BRUNDIDGE, P

Address Line 1: 1800 DIAGONAL ROAD

Address Line 2: SUITE 370

500703544

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: KY-6753

NAME OF SUBMITTER: Nora Colston

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OP \$40.00 12270:

Total Attachments: 2 source=6753Assignment#page1.tif source=6753Assignment#page2.tif

PATENT REEL: 021830 FRAME: 0341

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equivalent thereof, and	the sum of One Dollar other good and valuab	le consideration paid
to the undersigned by (N (If a corporation, then	lame) <u>HITACHI HIGH</u> -TEC	HNOLOGIES CORPORATION
located at (full address) 24-14, NISHI-SHIMBASHI 1-CI	HOME, MINATO-KU, TOKYO, JAPAN
receipt of which is here hereby warrant title to, successors and assigns, and for the United State including all rights of	and sell and assign all our/my right, titi of America and all fo	to said assignee, its le and interest, in preign countries.
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invented by us/me and de	escribed in the applic	ation for United States
Letters Patent therefor () Serial No		; or
() executed on even	date herewith; or	
foreign Letters Patent v	which may be granted to	and all United States and herefor, the said
interest being the entire granted, to be held and	enjoyed by said assign	nee, its successors
assigns or other legal much said Letters Pater	representatives, to the	e full end of terms for
the same would have been and sale had not been ma	n held and enjoyed by \imath	us/me if this assignment
And we/I hereby agr or instruments which may prosecution of said above and prosecution of any of divisional, renewal, rev amendment, extension, or secure the title thereto	the necessary, lawful to be ne	r in the preparation on in-part, substitute, ications or in any
Patents and Trademarks, to said assignee, and Th R. Mattingly, the power	nomas E. Beall, Robert to insert on this ass y be necessary or desi nited States Patent an	ue said Letters Patent E. Bushnell, or John ignment any further rable in order to comply
Signed this 31th	day of October	, 2008 .
	7.0	
Susumu Lomoviya Signature	Rysichi Mo	ri horitake Shizawa
Signature	Signature	Signature '
Susumu KOMORIYA Name (Typed or printed)	Kyoichi MORI Name (Typed or printed)	Noritake SHIZAWA Name (Typed or printed)
Witness:	· .	•
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or instruments which me prosecution of said about and prosecution of any divisional, renewal,	gree to sign and execute a ay be necessary, lawful, a ove-named application or i continuing, continuation eviewed or reissue applica or interference proceeding to in said assignee;	and proper in the In the preparation in-part, substitute, ations or in any
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hereby warrant title to successors and assigns and for the United Stat including all rights or	reby acknowledged, the undo, and sell and assign to, all our/my right, title te of America and all fore for priority, in and to the	said assignee, its and interest, in eigh countries.
	ss) <u>24-14, NISHI-SHIMBASHI 1-CHOM</u> E	E, MINATO-KU, TOKYO, JAPAN
to the undersigned by (If a corporation, then located at (full address	d other good and valuable (Name) HITACHI HIGH-TECHNOL n state of incorporation	OGIES CORPORATION

RECORDED: 11/13/2008 REEL: 021830 FRAME: 0343