

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASUO OKU	01/14/1999
HIRONORI KOMI	01/14/1999
KEISUKE INATA	01/14/1999
RYOSUKE TOYA	01/14/1999
KENJI KATSUMATA	01/14/1999
SHIGERU KOMATSU	01/18/1999
SHINOBU TORIKOSHI	01/18/1999
TAKAAKI MATONO	01/18/1999
FUMIHITO TANAKA	01/18/1999
MASAAKI HISANAGA	01/18/1999

RECEIVING PARTY DATA

Name:	HITACHI, LTD.
Street Address:	6, KANDA SURUGADAI 4-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	101-8010
Name:	HITACHI ULSI SYSTEMS CO., LTD.
Street Address:	5-22-1 JOUSUIHON-CHO, KODAIRA-SHI
City:	TOKYO
State/Country:	JAPAN
Postal Code:	187-8522

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	09984508
Application Number:	10761335
Application Number:	12120472

CORRESPONDENCE DATA

Fax Number:

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent***PATENT**

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 7036841120
Email: escotti@mmpiaw.com
Correspondent Name: MATTINGLY & MALUR, PC
Address Line 1: 1800 DIAGONAL ROAD
Address Line 2: SUITE 210
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	T&A-GENERAL/Z-1674(USMA)2
NAME OF SUBMITTER:	JOHN R. MATTINGLY
SIGNATURE:	/John R. Mattingly/
DATE SIGNED:	11/01/2016

Total Attachments: 2

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source=(b) Assignment from Inventors to Hitachi, Ltd. and Hitachi ULSI Systems Co., Ltd#page2.tif

ASSIGNMENT

(JOINT INVENTORS)

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to

Masuo OKU, Hironori KOMI, Keisuke INATA, Ryosuke TOYA, Kenji KATSUMATA, Shigeru KOMATSU, Shinobu TORIKOSHI, Takaaki MATONO, Fumihito TANAKA, and Masaaki HISANAGA

citizens of Japan by

Hitachi, Ltd., and Hitachi ULSI Systems Co., Ltd.

located at

6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010, Japan, and 5-22-1 Jousuihon-cho, Kodaira-shi, Tokyo 187-8522, Japan

receipt of which is hereby acknowledged, we, the said

Masuo OKU, Hironori KOMI, Keisuke INATA, Ryosuke TOYA, Kenji KATSUMATA, Shigeru KOMATSU, Shinobu TORIKOSHI, Takaaki MATONO, Fumihito TANAKA, and Masaaki HISANAGA

do hereby sell and assign to said

Hitachi, Ltd., and Hitachi ULSI Systems Co., Ltd.

their successors and assigns, all our right, title and interest, in and for the United States of America, its

in and to
DECODER DEVICE AND RECEIVER USING THE SAME.

invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extentions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said

Hitachi, Ltd., and Hitachi ULSI Systems Co., Ltd.

their Successors, assigns or other legal representatives, to the full end of term for which said Letters Patent its may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extention, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said

Hitachi, Ltd., and Hitachi ULSI Systems Co., Ltd.

Signed on the dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Masuo Oku</u> (Masuo OKU)	January 14, 1999	<u>Yasuji Moriyama</u>
2) <u>Hironori Komi</u> (Hironori KOMI)	January 14, 1999	<u>Yasuji Moriyama</u>
3) <u>Keisuke Inata</u> (Keisuke INATA)	January 14, 1999	<u>Yasuji Moriyama</u>
4) <u>Ryosuke Toya</u> (Ryosuke TOYA)	January 14, 1999	<u>Yasuji Moriyama</u>
5) <u>Kenji Katsumata</u> (Kenji KATSUMATA)	January 14, 1999	<u>Yasuji Moriyama</u>
6) <u>Shigeru Komatsu</u> (Shigeru KOMATSU)	January 18, 1999	<u>Yasuji Moriyama</u>
7) <u>Shinobu Torikoshi</u> (Shinobu TORIKOSHI)	January 18, 1999	<u>Yasuji Moriyama</u>
8) <u>Takaaki Matono</u> (Takaaki MATONO)	January 18, 1999	<u>Yasuji Moriyama</u>

PATENT

REEL: 011286 FRAME: 0917

REEL: 040186 FRAME: 0178

INVENTORS
(発明者フルネームサイン)

Date Signed
(署名日)

Witnesses
(立会人サイン)

9) Fumihito Tanaka
(Fumihito TANAKA)

January 18, 1999

Yasuji Moriyama

10) Masaaki Hisanaga
(Masaaki HISANAGA)

January 18, 1999

Yasuji Moriyama

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