

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kenji KAWAMURA	06/13/2007
Takashi FUNADA	06/13/2007
Masatoshi SHIBASAKI	06/13/2007
Yoshimasa KUSANO	06/13/2007
Yusuke HONDA	06/13/2007
Hiromi MURAKAMI	06/13/2007
RECEIVING PARTY DATA	
Name:	Hitachi Communication Technologies, Ltd.
Street Address:	26-3, Minami Ooi 6-chome
Internal Address:	Shinagawa-ku
City:	Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11754425
CORRESPONDENCE DATA	
Fax Number:	(703)312-6666
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7033126600
Email:	ayoung@antonelli.com
Correspondent Name:	Antonelli, Terry, Stout & Kraus
Address Line 1:	1300 N. Seventeenth Street
Address Line 2:	Suite 1800
Address Line 4:	Arlington, VIRGINIA 22209
ATTORNEY DOCKET NUMBER:	520.47548X00

OP \$40.00 11754425

500338737

**PATENT
REEL: 019724 FRAME: 0089**

NAME OF SUBMITTER:

Melvin Kraus

Total Attachments: 1

source=47548X00asn#page1.tif

ASSIGNMENT
(譲 渡 証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi Communication Technologies, Ltd., a corporation organized under the laws of Japan, located at 26-3, Minami Ooi 6-chome, Shinagawa-ku, Tokyo Japan receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Communication Technologies, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

Transmitting Equipment and Receiving Equipment

invented by me (if only one is named below) or us (if plural inventors are named below) 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 extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi Communication Technologies, Ltd., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the 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, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi Communication Technologies, Ltd.

Signed on the date(s) indicated aside signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Kenji KAWAMURA</u> <u>Kenji KAWAMURA</u>	<u>6/13/2007</u>
2) <u>Takashi FUNADA</u> <u>Takashi FUNADA</u>	<u>6/13/2007</u>
3) <u>Masatoshi SHIBASAKI</u> <u>Masatoshi SHIBASAKI</u>	<u>6/13/2007</u>
4) <u>Yoshimasa KUSANO</u> <u>Yoshimasa KUSANO</u>	<u>6/13/2007</u>
5) <u>Yusuke HONDA</u> <u>Yusuke HONDA</u>	<u>6/13/2007</u>
6) <u>Hiromi MURAKAMI</u> <u>Hiromi MURAKAMI</u>	<u>6/13/2007</u>
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____