Box Assignments Washington, D.C. 20231

07/06/1999 NTHAI1 00000021 092/9099

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40.00 OP

PATENT REEL: 010060 FRAME: 0878

For Non-U.S. Clients

Assignment

Yasushi Maruta, Shousei Yoshida and Akihisa Ushirokawa Whereas, I**/We**, Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in

ADAPTIVE RECEIVING DEVICE

and executed an application for Letters Patent of the United States of America therefor on June 21, 1999; and

Whereas, NEC Corporation of 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number 09/249,099 , filed February 12, 1999) the filing date and application number of said application when known.

Date: June 21, 1999	Yazushi Maruta (Fi) Yasushi Maruta
Date: June 21, 1999	Shousei Yoshida ()
	Shousei Yoshida
Date: June 21, 1999	akihisa lishirokawa (1)
	Akihisa Ushirokawa
Date: s/_	
Date: s/_	
Date. St.	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

8/92

RECORDED: 06/30/1999 REEL

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