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Execution Date
Month Day Year
9/14/00

Name (line 1) Shuji KOBAYAKAWA

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

09/16/00

Receiving Party

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Name (line 1) FUJITSU LIMITED

Name (line 2)

Address (line 1) 1-1, Kamikodanaka 4-chome, Nakahara-ku,

Address (line 2) Kawasaki-shi,

Address (line 3) Kanagawa Japan 211-8588
City State/Country Zip Code

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Enter PCT application number only if a U.S. Application Number has not been assigned.

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Number of Properties Enter the total number of properties involved. #

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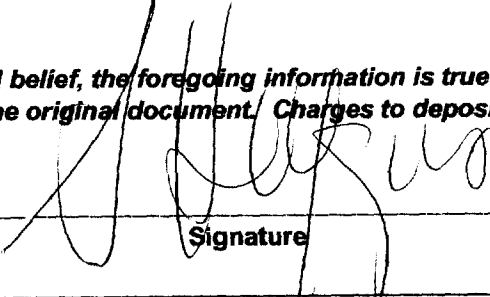
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Samson Helfgott  9/20/00

Name of Person Signing Signature Date

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in: _____
COMMUNICATION DEVICE WITH ADAPTIVE ANTENNA

for which
(check one) an application is being filed concurrently herewith,
 an application for a Patent of the United States was filed on _____
and given Application Serial No. _____

and WHEREAS, _____ FUJITSU LIMITED _____

having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi,
Kanagawa 211-8588 Japan _____ ASSIGNEE
is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith; and

ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full name of sole or first inventor Shuji KOBAYAKAWA
Inventor's Signature Shuji Kobayakawa Date September 14, 2000
Residence Yokohama, Japan Citizenship Japan
Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 Japan

Full name of second joint inventor, if any _____
Second Inventor's Signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of third joint inventor, if any _____
Third Inventor's Signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____