

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Koichi HATANO</td> <td>05/28/2009</td> </tr> <tr> <td>Jun TSUTSUMI</td> <td>05/28/2009</td> </tr> </tbody> </table>		Name	Execution Date	Koichi HATANO	05/28/2009	Jun TSUTSUMI	05/28/2009						
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;">Name:</td> <td>FUJITSU MEDIA DEVICES LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>3-12, Shin-Yokohama 2-chome,</td> </tr> <tr> <td>Internal Address:</td> <td>Kohoku-ku,</td> </tr> <tr> <td>City:</td> <td>Yokohama-shi, Kanagawa</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>222-0033</td> </tr> </table>		Name:	FUJITSU MEDIA DEVICES LIMITED	Street Address:	3-12, Shin-Yokohama 2-chome,	Internal Address:	Kohoku-ku,	City:	Yokohama-shi, Kanagawa	State/Country:	JAPAN	Postal Code:	222-0033
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number:	(202)857-6395												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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OP \$40.00 12481069

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**PATENT
 REEL: 022803 FRAME: 0410**

Address Line 2: SUITE 400
Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20036

ATTORNEY DOCKET NUMBER:	025720-00182
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NAME OF SUBMITTER:	Charles M. Marmelstein
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Total Attachments: 1 source=025720-00182_assignment#page1.tif
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Docket No. _____

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert ASSIGNEE's Name(s) Address(es)] FUJITSU MEDIA DEVICES LIMITED of 3-12, Shin-Yokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 Japan, and FUJITSU LIMITED of 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154, to the invention entitled

[Title of Invention] DUPLEXER

[*If the assignment is being filed after the filing of the application, this section must be completed]

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on June 9, 2009, Serial No. 12/481,069
(Arent Fox LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof, and any other application claiming priority thereto, for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s) of Assignor(s)]

<u>Koichi Hatano</u> (SIGNATURE)	<u>Koichi HATANO</u> (TYPE NAME)	<u>28 May 2009</u> (DATE)
<u>Jun Tsutsumi</u> (SIGNATURE)	<u>Jun TSUTSUMI</u> (TYPE NAME)	<u>25 May 2009</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)