

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																																		
NATURE OF CONVEYANCE:	ASSIGNMENT																																		
CONVEYING PARTY DATA																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; text-align: center; padding: 5px;">Name</td> <td style="width: 30%; text-align: center; padding: 5px;">Execution Date</td> </tr> <tr> <td style="padding: 5px;">Hitachi, Ltd.</td> <td style="padding: 5px;">11/07/2007</td> </tr> </table>	Name	Execution Date	Hitachi, Ltd.	11/07/2007																															
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 5px;">Name:</td> <td style="padding: 5px;">Hitachi Communication Technologies, Ltd.</td> </tr> <tr> <td style="padding: 5px;">Street Address:</td> <td style="padding: 5px;">26-3, Minamiohi 6-chome, Shinagawa-ku</td> </tr> <tr> <td style="padding: 5px;">City:</td> <td style="padding: 5px;">Tokyo</td> </tr> <tr> <td style="padding: 5px;">State/Country:</td> <td style="padding: 5px;">JAPAN</td> </tr> </table>	Name:	Hitachi Communication Technologies, Ltd.	Street Address:	26-3, Minamiohi 6-chome, Shinagawa-ku	City:	Tokyo	State/Country:	JAPAN																											
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PROPERTY NUMBERS Total: 21																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%; text-align: center; padding: 5px;">Property Type</th> <th style="text-align: center; padding: 5px;">Number</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">08117326</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">08042380</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">08409804</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">08375409</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">08928628</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">08956787</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">09126435</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">09285050</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">08944997</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">09482312</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">09579473</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">09642770</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">09984610</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">10042270</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">10022736</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">09588002</td></tr> </tbody> </table>	Property Type	Number	Application Number:	08117326	Application Number:	08042380	Application Number:	08409804	Application Number:	08375409	Application Number:	08928628	Application Number:	08956787	Application Number:	09126435	Application Number:	09285050	Application Number:	08944997	Application Number:	09482312	Application Number:	09579473	Application Number:	09642770	Application Number:	09984610	Application Number:	10042270	Application Number:	10022736	Application Number:	09588002	
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Application Number:	09588002																																		

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**PATENT**  
**REEL: 020281 FRAME: 0435**

Application Number:	09759115
Application Number:	10441064
Application Number:	09617837
Application Number:	10376310
Application Number:	11114178

# CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Carl I. Brundidge
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Total Attachments: 2

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## Assignment

Whereas, Hitachi, Ltd., of 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, hereinafter referred to as "Assignor", is the owner of the entire right, title and interest in United States Patent Numbers listed on the attached Schedule; and

Whereas, Hitachi Communication Technologies, Ltd., of 26-3, Minamiohi 6-chome, Shinagawa-ku, Tokyo, Japan, hereinafter referred to as "Assignee", desires to acquire the entire right, title, and interest of the Assignor in the said U.S. Patents;

Now, therefore, for valuable consideration, receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to the above-named Assignee, its successors and assigns, the entire right, title and interest in the said U.S. Patents, and any reissues or re-examinations thereof, together with all claims for damages by reason of past infringement of the said U.S. Patents with the right to Assignee to sue for and collect the same for their own use and enjoyment.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Hitachi, Ltd.

Date: 11/7/2007

By: 

Hiroyuki HIRAYAMA  
Corporate Officer  
Managing Director, Intellectual Property Group  
(Authorized Signing Officer)

Schedule

Serial No.	Patent No.
08/117,326	5,436,954
08/042,380	5,515,196
08/409,804	5,719,943
08/375,409	5,742,912
08/928,628	5,825,969
08/956,787	5,937,360
09/126,435	6,031,677
09/285,050	6,094,586
08/944,997	6,144,694
09/482,312	6,204,985
09/579,473	6,334,049
09/642,770	6,388,831
09/984,610	6,628,970
10/042,270	6,635,971
10/022,736	6,731,451
09/588,002	6,785,225
09/759,115	6,798,757
10/441,064	7,003,268
09/617,837	7,054,265
10/376,310	7,120,457
11/114,178	