

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jens BACHMANN</td> <td>08/31/2010</td> </tr> <tr> <td>Shinkichi IKEDA</td> <td>08/05/2010</td> </tr> <tr> <td>Kilian WENIGER</td> <td>09/02/2010</td> </tr> <tr> <td>Takashi ARAMAKI</td> <td>08/04/2010</td> </tr> </tbody> </table>		Name	Execution Date	Jens BACHMANN	08/31/2010	Shinkichi IKEDA	08/05/2010	Kilian WENIGER	09/02/2010	Takashi ARAMAKI	08/04/2010
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Jens BACHMANN	08/31/2010										
Shinkichi IKEDA	08/05/2010										
Kilian WENIGER	09/02/2010										
Takashi ARAMAKI	08/04/2010										
RECEIVING PARTY DATA											
Name:	Panasonic Corporation										
Street Address:	1006 Oaza Kadoma, Kadoma-shi										
City:	Osaka-shi, Osaka-fu										
State/Country:	JAPAN										
Postal Code:	571-8501										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12812007</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12812007						
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Application Number:	12812007										
CORRESPONDENCE DATA											
Fax Number:	(202)659-1559										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	2026596960										
Email:	jledbetter@dickinsonwright.com										
Correspondent Name:	James E Ledbetter										
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Address Line 2:	SUITE 1200										
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20006										
ATTORNEY DOCKET NUMBER:	007725-10109										
NAME OF SUBMITTER:	James E. Ledbetter										
Total Attachments: 2											

OP \$40.00 12812007

501284953

**PATENT
 REEL: 024956 FRAME: 0981**

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Parasonic Ref*: _____
(* must be filled)
German Firm Name: Gruneber Kinkelley Stockmaier & Schwabhauser
US Firm Name: DW

Application Serial No. 12812.007
German Firm Ref: PAS6154US-DK127903ver
US Firm Ref: 007725-10109

ASSIGNMENT

WHEREAS, the undersigned has (have) invented the invention entitled:

Box 1		
Title of Invention: NON-3GPP TO 3GPP NETWORK HANDOVER OPTIMIZATIONS		
1. For use when signing Declaration prior to filing U.S. patent application. (check only one box below)		
<input type="checkbox"/> (a) for which an application for U.S. patent has been executed by the undersigned concurrently herewith, or		
<input type="checkbox"/> (b) for which an application for U.S. patent has been executed on the following date(s): _____, or <i>(If Declaration & Assignment are signed on the same day, check (a) and make no entry in the blank; if the Declaration was signed before this Assignment, enter the date(s) on which you signed the Declaration)</i>		
<input type="checkbox"/> (c) for which an international Application has been filed as:	PCT Application No.	PCT/EP2009/000070 and,
2. For use when signing Declaration after filing U.S. patent application		
<input type="checkbox"/> (d) for which an application for U.S. patent has been filed on:	Application Filing Date	July 7, 2010 and,

WHEREAS, Panasonic Corporation of 1006 Oaza, Kadoma, Kadoma-shi, Osaka 571-8501, JAPAN, its/their heirs, successors, legal representatives and assigns (hereinafter designated as "Assignee(s)") is/are desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and intended to be legally bound hereby, the undersigned, by these presents, does sell, assign and transfer unto said Assignee(s) the entire and exclusive right, title and interest in and to: (i) said invention in the United States of America, its territories, dependencies and possessions (hereinafter designated as the United States) and in all countries foreign to the United States; and (ii) this patent application and any and all related patent application(s) disclosing said invention, including provisionals, non-provisionals, conversions, divisions, continuations, continuations-in-part and reissues thereof in the United States and all countries foreign to the United States (hereinafter designated as "Related Applications"), along with all rights of priority created by this patent application under any treaty relating thereto; and (iii) any and all Letters Patent(s); including all renewals, extensions, reissues and reexamination certificates which may be granted thereto, and all rights to sue for past and future infringement thereunder, in the United States and in all countries foreign to the United States for the full term or terms thereof.

The undersigned agrees to execute all papers necessary in connection with this application and any and all Related Applications thereof, all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, all papers necessary in connection with any interference which may be declared concerning this application or any and all Related Applications thereof and to cooperate with the Assignee(s) in every way possible in obtaining and producing evidence and proceeding with such interference, and for any and all litigations regarding, or for the purpose of protecting the right, title and interest in and to said invention, this application and any and all Related Applications or Letters Patent(s) hereof, and to testify in any legal proceeding relating thereto and in support thereof, for the benefit of Assignee(s), and also to execute separate assignments in connection with such applications as the Assignee(s) may deem necessary or expedient.

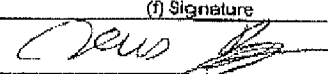
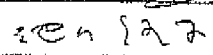

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States and any foreign patent(s) to the Assignee(s) and to vest all rights hereby conveyed to the Assignee(s) as fully and entirely as the same would have been held by the undersigned if this Assignment had not been made.

The undersigned hereby authorizes and requests the Commissioner of Patents, and officials of all foreign countries, whose duty is to issue patents, to issue any and all Letters Patent(s) resulting from said application or any and all Related Applications thereof to said Assignee(s) and hereby covenants that the undersigned has (have) full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed, and will not execute, any assignment, sale, agreement or encumbrances in conflict herewith.

The undersigned hereby does sell, assign and transfer unto said Assignee(s) the full and exclusive authority for revoking power of attorney(s) executed by the undersigned in connection with this application and for appointing a new power of attorney in place thereof. The undersigned hereby grants to the Assignee(s) and the appointed U.S. patent attorneys and agents the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent Office for recordation of this document.

The undersigned hereby agrees that the above obligations shall apply to the undersigned both individually and collectively. The undersigned hereby agrees that this Assignment shall be construed in accordance with the law of the appropriate jurisdiction within the United States.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) following the undersigned name(s) and signature(s).

Box 2 (Each Inventor, please Sign and Date below)			
	(e) First Name, Last Name	(f) Signature	(g) Date signed Month, Day, Year
(1)	Jens BACHMANN		08/13/2010
(2)	Shinkichi IKEDA		Aug. 5, 2010
(3)	Kilian WENIGER		
(4)	Takashi ARAMAKI		Aug. 4, 2010

Check if additional paper(s) is/are attached. Total of 1 pages are submitted.

Panasonic Ref*: _____
(* must be filled)
 German Firm Name: Gruencker Kinkstey Stossmajr & Schwanhauser
 US Firm Name: DW

Application Serial No. 12812007
 German Firm Ref: PA561541 US-DK137903 ver.
 US Firm Ref: 007725-10109

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<input type="checkbox"/> (c) for which an International Application has been filed as: <small>(for the PCT-US national entry, check entry (c) and enter PCT application number in the right)</small>	PCT Application No.	<u>PCT/EP2009/060970 and</u>
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(2) Shinkichi IKEDA		
(3) Killian WENIGER	<i>Kilian Wf</i>	<u>09/02/2010</u>
(4) Takashi ARAMAKI		

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