

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>Samuli Turtinen</td><td>05/12/2011</td></tr><tr><td>Timo Koskela</td><td>05/16/2011</td></tr><tr><td>Sami Jukka Hakola</td><td>05/12/2011</td></tr></tbody></table>	Name	Execution Date	Samuli Turtinen	05/12/2011	Timo Koskela	05/16/2011	Sami Jukka Hakola	05/12/2011			
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Sami Jukka Hakola	05/12/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Renesas Mobile Corporation</td></tr><tr><td>Street Address:</td><td>6-2, Otemachi 2-chome</td></tr><tr><td>Internal Address:</td><td>Chiyoda-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>	Name:	Renesas Mobile Corporation	Street Address:	6-2, Otemachi 2-chome	Internal Address:	Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	
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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>13112480</td></tr></tbody></table>	Property Type	Number	Application Number:	13112480							
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Application Number:	13112480										
CORRESPONDENCE DATA											
Fax Number: (704)444-1111 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 704-444-1000											
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ATTORNEY DOCKET NUMBER:	058108/405870										
NAME OF SUBMITTER:	Guy R. Gosnell										
Total Attachments: 4 source=405870 - Assignment (Signed)#page1.tif source=405870 - Assignment (Signed)#page2.tif source=405870 - Assignment (Signed)#page3.tif source=405870 - Assignment (Signed)#page4.tif											

CH \$40.00 13112480

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PATENT
REEL: 026316 FRAME: 0330

ASSIGNMENT

Title of Invention	Apparatus and method for controlling communication		
Filing Details	This assignment is directed to (check all that apply) :		
	<input type="checkbox"/> US Provisional Application No. _____	Filed On _____	
	<input checked="" type="checkbox"/> US Application No. _____	Filed On _____	
	<input type="checkbox"/> a 371 national stage of _____	Filed On _____	
	<input checked="" type="checkbox"/> United Kingdom Patent Application _____	Filed On _____	
	<input type="checkbox"/> PCT Application No. _____	Filed On _____	

As the below named inventor(s), I/we have invented certain improvements in the patent application for which I/we have filed an application for Letters Patent as identified above;

WHEREAS, I/we authorize the attorney of record to update this document to include Filing Details as listed above (i/e., filing date, serial number, etc.) to correspond to the Title of the Invention and Docket Number if such Filing Details are not available at the time I/we signed this document;

WHEREAS, RENESAS MOBILE CORPORATION, a corporation organized under the laws of Japan, having its principal office in 6-2, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and under the said invention and the said application, and in and to any and all Letters Patent which shall be granted therefore in any and all countries where it has been filed, including all rights to claim priority, and to any and all improvements which are disclosed in the invention entitled.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under said invention, and said application, and all divisional, renewal, substitutional, non-provisional, and continuing applications thereof, and all Letters Patent of any and all countries which may be granted thereon and all reissues, reexaminations, and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries, and all extensions, renewals, reexaminations, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we hereby authorize and request the official of any country or countries, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.


AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

Assignee docket RM115101.

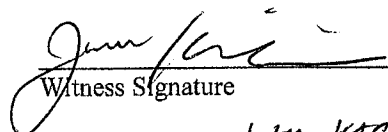
AND WE HEREBY further covenant and agree that we will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, reexamination, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

This Assignment is deemed to be effective at least as early as _____ (the first filing priority date).

Inventor Name: Samuli Turtinen
Residence Address: Poolatie 3 A
FI-91100 Ii, Finland


Inventor Signature

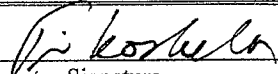
Dated: May 12, 2011


Witness Signature

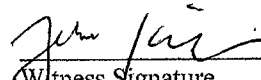
Witness Name: J. M. KARJALAINEN

Assignee docket RM115101.

Inventor Name: Timo Koskela
Residence Address: Rautatiekatu 50 as 5
FI-90120 Oulu, Finland


Inventor Signature

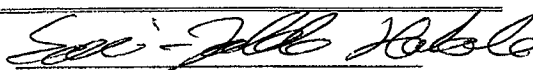
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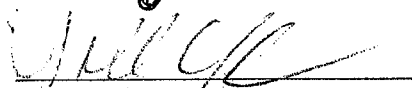
Witness Name: JUHANI KARSANNE

Assignee docket RM115101.

Inventor Name: ^{Sakka} Sami Hakola
Residence Address: Peikontie 7
FI-90450 Kempele, Finland


Inventor Signature

Dated: May 12 2011


Witness Signature

Witness Name: Ville Varjonen