

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>Hannu Tapani Talvitie</td> <td>06/23/2011</td> </tr> <tr> <td>Kim Kaltiokallio</td> <td>06/22/2011</td> </tr> <tr> <td>Ekaterina Pogosova</td> <td>06/23/2011</td> </tr> </tbody> </table>		Name	Execution Date	Hannu Tapani Talvitie	06/23/2011	Kim Kaltiokallio	06/22/2011	Ekaterina Pogosova	06/23/2011		
Name	Execution Date										
Hannu Tapani Talvitie	06/23/2011										
Kim Kaltiokallio	06/22/2011										
Ekaterina Pogosova	06/23/2011										
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
Name:	Renesas Mobile Corporation										
Street Address:	6-2, Otemachi 2-chome										
Internal Address:	Chiyoda-ku										
City:	Tokyo										
State/Country:	JAPAN										
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>13371677</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13371677						
Property Type	Number										
Application Number:	13371677										
CORRESPONDENCE DATA											
<p>Fax Number: (704)444-1111</p> <p>Phone: 704-444-1000</p> <p>Email: patent-mail@alston.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: ALSTON & BIRD LLP</p> <p>Address Line 1: BANK OF AMERICA PLAZA</p> <p>Address Line 2: 101 SOUTH TRYON STREET, SUITE 4000</p> <p>Address Line 4: CHARLOTTE, NORTH CAROLINA 28280-4000</p>											
ATTORNEY DOCKET NUMBER:	058108/414412										
NAME OF SUBMITTER:	Guy R. Gosnell										
<p>Total Attachments: 3</p> <p>source=414412 - Signed Assignment#page1.tif</p> <p>source=414412 - Signed Assignment#page2.tif</p> <p>source=414412 - Signed Assignment#page3.tif</p>											

CH \$40.00 13371677

ASSIGNMENT

Title of Invention	PROCESSOR ARRANGEMENT FOR MULTI MODE WIRELESS DEVICE	
Filing Details	This assignment is directed to (check all that apply) : <div style="display: flex; flex-direction: column; gap: 5px;"> <div> <input type="checkbox"/> US Provisional Application No. _____ Filed On _____ </div> <div> <input checked="" type="checkbox"/> US Application No. <u>13/173,767</u> Filed On <u>June 30, 2011</u> </div> <div> <input type="checkbox"/> a 371 national stage of _____ Filed On _____ </div> <div> <input type="checkbox"/> United Kingdom Patent Application _____ Filed On _____ </div> <div> <input type="checkbox"/> PCT Application No. _____ Filed On _____ </div> </div>	

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.

Applicant Docket No. RM115118

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 June 30, 2011 (the first filing priority date).

Inventor Name: TALVITIE, Hannu, Tapani
Residence Address: Torpparintie 12 C 11
33800 Tampere, Finland

Hannu Talvite
Inventor Signature

Dated: 23 June 2011

Ari Kuusala
Witness Signature

Witness Name: Ari Kuusala

Inventor Name: KALTIOKALLIO, Kim
Residence Address: Hiidenkukkaantie 1 A7
00340 Helsinki, Finland

Kim Kallio
Inventor Signature

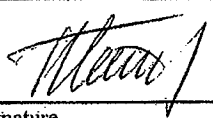
Dated: 22.06.2011

Ville Vintola
Witness Signature


Witness Name: Ville Vintola

Applicant Docket No. RM115118

Inventor Name: Pogosova, Ekaterina
Residence Address: Vesakonkatu 22
33820 Tampere, Finland


Inventor Signature

Dated: 23.06.2011


Witness Signature

Witness Name: ARI KULMALA
