

## PATENT ASSIGNMENT

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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>Lars Christensen</td> <td>11/30/2011</td> </tr> <tr> <td>Carsten Juncker</td> <td>11/30/2011</td> </tr> </tbody> </table>		Name	Execution Date	Lars Christensen	11/30/2011	Carsten Juncker	11/30/2011				
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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											
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CORRESPONDENCE DATA											
<p>Fax Number: (704)444-1111          Phone: 7044441000          Email: patent-mail@alston.com  <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 &amp; Bird LLP          Address Line 1: Bank of America Plaza/101 S. Tryon St.          Address Line 2: Suite 4000          Address Line 4: Charlotte, NORTH CAROLINA 28280-4000</p>											
ATTORNEY DOCKET NUMBER:	058108/412396										
NAME OF SUBMITTER:	Nathaniel T. Quirk										
Total Attachments: 3 source=412396-ASSIGNMENT#page1.tif source=412396-ASSIGNMENT#page2.tif source=412396-ASSIGNMENT#page3.tif											

CH \$40.00 13301924

## ASSIGNMENT

<b>Title of Invention</b>	CELL SEARCH AND SYNCHRONIZATION USING NON-CIRCULARITY OF SIGNAL STATISTICS		
<b>Filing Details</b>	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. <u>13/301,924</u>	Filed On	<u>November 22, 2011</u>
	<input type="checkbox"/> a 371 national stage of _____	Filed On	_____
	<input 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 RM115202.

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.

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Inventor Name: Lars Christensen  
Residence Address: Bernstofflund Alle 8A  
2920 Charlottenlund  
DENMARK

Lars P. B. Christensen  
Inventor Signature

Dated: 30/11-2011

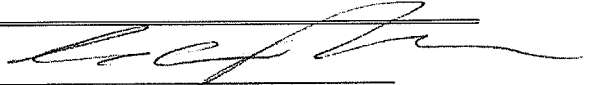
Morten W. Pedersen  
Witness Signature

Witness Name: Morten With Pedersen


Assignee docket RM115202.

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Inventor Name: Carsten Juncker  
Residence Address: Gavlbacken 19  
2730 Herlev  
DENMARK

  
Inventor Signature

Dated: 30/11-2011

  
Witness Signature

Witness Name: NIELS MØRCH

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