

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>Tero HENTTONEN</td> <td>08/07/2012</td> </tr> <tr> <td>Brian Alexander MARTIN</td> <td>08/07/2012</td> </tr> <tr> <td>Keiichi KUBOTA</td> <td>08/07/2012</td> </tr> <tr> <td>Wei BAI</td> <td>08/07/2012</td> </tr> <tr> <td>Samuli TURPINEN</td> <td>08/07/2012</td> </tr> <tr> <td>Jari ISOKANGAS</td> <td>08/08/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Tero HENTTONEN | 08/07/2012 | Brian Alexander MARTIN | 08/07/2012 | Keiichi KUBOTA | 08/07/2012 | Wei BAI | 08/07/2012 | Samuli TURPINEN | 08/07/2012 | Jari ISOKANGAS | 08/08/2012 |
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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> <tr> <td>Postal Code:</td> <td>100-0004</td> </tr> </table> | | Name: | RENESAS MOBILE CORPORATION | Street Address: | 6-2 Otemachi 2-chome | Internal Address: | Chiyoda-ku | City: | TOKYO | State/Country: | JAPAN | Postal Code: | 100-0004 | | |
| Name: | RENESAS MOBILE CORPORATION | | | | | | | | | | | | | | |
| Street Address: | 6-2 Otemachi 2-chome | | | | | | | | | | | | | | |
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| State/Country: | JAPAN | | | | | | | | | | | | | | |
| Postal Code: | 100-0004 | | | | | | | | | | | | | | |
| 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>13863936</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13863936 | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | |
| Application Number: | 13863936 | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | |
| Fax Number: | 2126618002 | | | | | | | | | | | | | | |
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| Correspondent Name: | Robert P. Michal | | | | | | | | | | | | | | |
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| Address Line 4: | New York, NEW YORK 10016 | | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 44522-1079 | | | | | | | | | | | | | | |

OP \$40.00 13863936

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|---|--------------------|
| NAME OF SUBMITTER: | Robert P. Michal |
| Signature: | /Robert P. Michal/ |
| Date: | 04/16/2013 |
| <p>Total Attachments: 7</p> <p>source=44522-1079-ASSIGN#page1.tif</p> <p>source=44522-1079-ASSIGN#page2.tif</p> <p>source=44522-1079-ASSIGN#page3.tif</p> <p>source=44522-1079-ASSIGN#page4.tif</p> <p>source=44522-1079-ASSIGN#page5.tif</p> <p>source=44522-1079-ASSIGN#page6.tif</p> <p>source=44522-1079-ASSIGN#page7.tif</p> | |

ASSIGNMENT

| | | | |
|-------------------------------|--|----------|-----------------------|
| Title of Invention | MEASUREMENT REPORTING | | |
| 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. <u>13/863,936</u> | Filed On | <u>April 16, 2013</u> |
| | <input type="checkbox"/> a 371 national stage of _____ | Filed On | _____ |
| | <input type="checkbox"/> United Kingdom Patent Application _____ | Filed On | _____ |
| | <input checked="" type="checkbox"/> PCT Application No. <u>PCT/CN2012/079646</u> | Filed On | <u>August 3, 2012</u> |

As the below named inventor(s), I/we,

- (1) Tero Henttonen, a citizen of Finland and residing at Neulaspolku 1D39, 02110 Espoo, Finland;
- (2) Brian Alexander Martin, a citizen of United Kingdom and residing at 67 Brickbury Hill, Farnham, Surrey GU9 0LY, United Kingdom;
- (3) Keiichi Kubota, a citizen of Japan and residing at 71A Thames Street, Weybridge, Surrey KT13 8LP, United Kingdom;
- (4) Wei Bai, a citizen of the People's Republic of China and residing at Room 1201, Building 14, Xi Ba He Zhong Li, Chaoyang District, Beijing 100028, China;
- (5) Samuli Turtinen, a citizen of Finland and residing at Poolatie 3a, 91100 Li, Finland;
- (6) Jari Isokangas, a citizen of Finland and residing at Suuruspaankatu 28, 33240 Tampere, Finland;

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.

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 August 3, 2012 (the first filing priority date).

Inventor Name: Tero Henttonen


Inventor Signature

Dated: AUGUST 7TH, 2012


Witness Signature

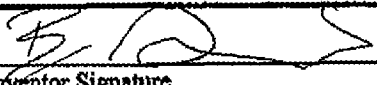
Witness Name: Kimmo Kettunen

Atty docket 44522-1079

Assignee docket RM126222.

Inventor Name:

Brian Alexander Martin


Inventor Signature

Dated:

07-19-2012


Witness Signature

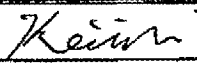
Witness Name:

JAMES TOOLEY


Atty docket 44522-1079

Assignee docket RM126222.

Inventor Name: Keiichi Kubota

Inventor Signature: 

Dated: 07-Aug-2012

Witness Signature: 

Witness Name: JAMES TOOLEY

Atty docket 44522-1079

Assignee docket RM126222.

Inventor Name: Wei Bai

Wei Bai
Inventor Signature

Dated: 2012-08-07

Samantha Wan
Witness Signature

Witness Name: SAMANTHA WAN

Atty docket 44522-1079
Assignee docket RM126222.

Inventor Name: Samuli Turtinen


Inventor Signature

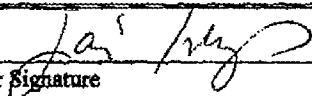
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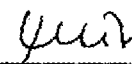
Witness Name: JARKKO KEMPPAINEN

Atty docket 44522-1079
Assignee docket RM126222.

Inventor Name: Jari Isokangas

Inventor Signature: 

Dated: 8.8.2012

Witness Signature: 

Witness Name: KIRSI LEHTO
