

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Jacobus Haartsen</td><td>03/12/2008</td></tr><tr><td>Henrik Sven Bengtsson</td><td>03/12/2008</td></tr></tbody></table>		Name	Execution Date	Jacobus Haartsen	03/12/2008	Henrik Sven Bengtsson	03/12/2008				
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Sony Ericsson Mobile Communications AB</td></tr><tr><td>Street Address:</td><td>Nya Vattentorget</td></tr><tr><td>Internal Address:</td><td>S-221 88</td></tr><tr><td>City:</td><td>Lund</td></tr><tr><td>State/Country:</td><td>SWEDEN</td></tr></table>		Name:	Sony Ericsson Mobile Communications AB	Street Address:	Nya Vattentorget	Internal Address:	S-221 88	City:	Lund	State/Country:	SWEDEN
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PROPERTY NUMBERS Total: 1											
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Application Number:	12047926										
CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	9342-428 / PS07 2202US1										
NAME OF SUBMITTER:	Susan E. Freedman										
Total Attachments: 3 source=9342-428_Assignment#page1.tif source=9342-428_Assignment#page2.tif source=9342-428_Assignment#page3.tif											

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PATENT

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REEL: 020648 FRAME: 0578

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Jacobus Haartsen**, a Dutch citizen, residing at 7772 BG, Hardenberg, the Netherlands; and **Henrik Sven Bengtsson**, citizen of Sweden, residing at Qvantenborsv. 33, 227 38 Lund, Sweden;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **WIRELESS COMMUNICATION TERMINALS AND METHODS USING ACOUSTIC RANGING SYNCHRONIZED TO RF COMMUNICATION SIGNALS**, for which an application has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. I hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 12/047,926, filed March 13, 2008) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, **Sony Ericsson Mobile Communications AB**, a corporation organized under the laws of Sweden, having a principal place of business at Nya Vattentornet, S-221 88 Lund, Sweden, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

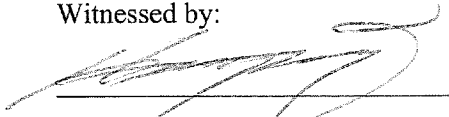
We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 12th day of March, 2008.



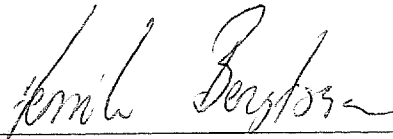
Jacobus Haartsen (SEAL)

Witnessed by:



Date: 3/12/08

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 12 day of
March, 2008



Henrik Sven Bengtsson (SEAL)

Witnessed by:



Date: 12 March 2008