

PATENT ASSIGNMENT

Electronic Version v1.1
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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Shinsaku Hirano | 03/15/2010 |
| RECEIVING PARTY DATA | |
| Name: | Sony Ericsson Mobile Communications AB |
| Street Address: | Nya Vattentornet |
| City: | Lund |
| State/Country: | SWEDEN |
| Postal Code: | SE-221 88 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 29357302 |
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| ATTORNEY DOCKET NUMBER: | SVALP0108US |
| NAME OF SUBMITTER: | M. David Galin |
| Total Attachments: 1 source=SVALP0108US_ExecutedAssignment#page1.tif | |

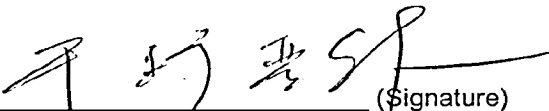
OP \$40.00 29357302

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

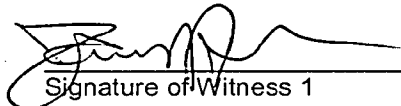
| | |
|-----------------|---|
| Inventor Name: | Address: |
| Shinsaku HIRANO | c/o Sony Ericsson Mobile Communications AB, Nya Vattentornet, SE-221 88 Lund, Sweden |

hereby sell(s) and assign(s) to Sony Ericsson Mobile Communications AB (the "Assignee"), a company of Sweden having a place of business at Nya Vattentornet, SE-221 88 Lund, Sweden, its successors and assigns, the entire right, title and interest in and to the inventions in **MOBILE PHONE** set forth in application for United States Letters Patent No. 29/357,302 filed March 10, 2010 and said patent application.

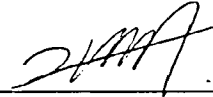


Shinsaku HIRANO (Signature)

15 March 2010
Today's Date



Signature of Witness 1
DANIEL MAURITSSON
Name of Witness 1
100315
Date



Signature of Witness 2
Dongkyu Kim
Name of Witness 2
2010 3/15
Date