

## 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>Chao HUANG</td> <td>01/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Chao HUANG	01/19/2012
Name	Execution Date				
Chao HUANG	01/19/2012				
RECEIVING PARTY DATA					
Name:	Nokia Corporation				
Street Address:	Keilalahdenti 4				
City:	Espoo				
State/Country:	FINLAND				
Postal Code:	FIN-02150				
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>29410978</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29410978
Property Type	Number				
Application Number:	29410978				
CORRESPONDENCE DATA					
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ATTORNEY DOCKET NUMBER:	016089.05048				
NAME OF SUBMITTER:	Darrell G. Mottley				
Total Attachments: 2 source=Executed_Assignment_5048#page1.tif source=Executed_Assignment_5048#page2.tif					

CH \$40.00 29410978

ASSIGNMENT

WHEREAS, I, Chao HUANG, residing at Lauttasaarentie 24-26 B 36, Helsinki, FI 00200 (ASSIGNOR), am the inventor of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 016089.05048 and having the title:

CHARGER

which application was

filed on January 13, 2012 and assigned application number 29/410978;

and WHEREAS

Nokia Corporation  
Keilalahdentie 4  
FIN-02150 ESPOO  
FINLAND

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

I hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, design registrations, industrial designs, petty patents and utility model patents which may be granted therefore, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And I covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement or do anything in conflict herewith;

And I further covenant and agree that I will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and I agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And I authorize the ASSIGNEE or its NOMINEES to file in my name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and I authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And I hereby grant my attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

19.01.2012  
DATE

  
Chao Huang

Note: No legalization or other witness required.

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