PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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JIANGWEI LI	06/05/2014
HE YAN	06/05/2015

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14720074

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ATTORNEY DOCKET NUMBER:	NC85512-US-NP
NAME OF SUBMITTER:	JACQUELINE LINEBARGER
SIGNATURE:	/jacqueline linebarger/
DATE SIGNED:	09/04/2015

Total Attachments: 4

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ASSIGNMENT

I/we, (The ASSIGNOR(S)):

Konggiao Wang Jiangwei Li He Yan

For good and valuable consideration, the receipt and sufficiency of which are hereby sixknowledged, hereby assign to (hereafter referred to as The ASSIGNEE);

Nokia Corporation Karakaan 7 02810 Espao Finland

An invention entitled (invention Title):

X	a national Patent Application No. 2			na on <u>May 27, 201</u> 4	1
***	European Patent Application No.		led on		
***	PCT application No.	filed on			
for this invent	on, executed by the ASSIGNOR(S)			N. 22 2015	
X	U.S. Patent Application Serial No.	14/720074	, filed _	May 22, 2015	
	U.S. Palent No.	, issued			
The PATENT	RIGHTS assigned under this agree	ment are:			

The PATENT RIGHTS referred to in this agreement are:

U.S. Patent rights X

worldwide Patent rights. In this case, the assignee shall have the right to claim the

benefit of the filing date of any Patent Application Identified above.

X the full and exclusive right to the invention;

The ASSIGNOR(S) do hereby assign the following to each ASSIGNEE; their successors and assigns:

an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention, all continuations, continuations-in-part, divisionals, re-issues, and reexamination patents and patent applications; and

the right to claim priority under 35 U.S.C. § 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(S), their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE(S), or their representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(S), make all rightful deiths and generally do everything necessary or desirable to aid said ASSIGNEE(S), their successors and assigns, to obtain and enforced proper protection for said invention.

Further, I/We authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

Each Inventor: Please sign and date below:

31714 Wang Kong gian	I. June, 2011
Kongqiao Wangi	Date
LiaWi	2014-6-5
Witness Signature	Date

Li Jiangwei	214-6-5
(Jiangwei U)	Date
Liu Wei	2014-6-5
Witnese Signature	Date

	3		

He Van	2014-6-5
[He Yan]	Date
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Witness Signature	Dale

PATENT REEL: 036554 FRAME: 0765

RECORDED: 09/04/2015