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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUSSI-PEKKA KOSKINEN	10/29/2014
ILKKA KESKITALO	10/30/2014
JARKKO KOSKELA	10/29/2014
JORMA KAIKKONEN	10/27/2014
LARS DALSGAARD	10/30/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14523440

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NAME OF SUBMITTER:	ABORN C. CHAO
SIGNATURE:	/Aborn C. Chao/
DATE SIGNED:	12/18/2014

Total Attachments: 6



ASSIGNMENT

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

Jussi-Pekka Koskinen Ilkka Keskitalo Jarkko Koskela Jorma Kaikkonen Lars Dalsgaard

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

Nokia Corporation Karakaari 7 02610 Espoo Finland

An invention entitled (invention Title):

NETWORK SHARING FOR LTE-U/LAA CELLS OPERATING ON UNLICENSED SPECTRUM

The PATENT	RIGHTS referred to in this agreement a national Patent Application No. European Patent Application No. PCT application No.	are: filed on filed on filed on		
for this invention, executed by the ASSIGNOR(S) X U.S. Patent Application Serial No. 14/523440, filed October 24, 2014 U.S. Patent No, issued				
The PATENT RIGHTS assigned under this agreement are: X 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 re-examination 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 oaths 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.);

NC86459

Each Inventor: Please sign and date below:

[Jussi-Pekka Koskinen]

Witness Signature Printed Name

e9-0ct- 2014

03 - Nov - 2014 Date

· NC86459

[Ilkka Keskitalo]

Witness Signature
Printed Name MAUM NISSILA

30-Oct-2014

Date

03 - Nov - 2014 Date

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[Jarkko Koskela]

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Printed Name Machine Missier

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[Jorma Kaikkonen]

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03 - Nov - 2014 Date

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[Lars Dalsgaard]

Witness Signature
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PATENT REEL: 034551 FRAME: 0354

RECORDED: 12/18/2014