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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING DADTY DATA		

CONVEYING PARTY DATA

Name	Execution Date
Harri Petteri Luhtala	09/05/2013

RECEIVING PARTY DATA

Name:	Nokia Corporation
Street Address:	Keilalahdentie 4
City:	Espoo
State/Country:	FINLAND
Postal Code:	02150

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14003320

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	NC75054-US-PCT
NAME OF SUBMITTER:	Thao Pham
Signature:	/Thao Pham/
Date:	09/05/2013

Total Attachments: 2

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PATENT REEL: 031143 FRAME: 0328 H \$40.00 140033

ASSIGNMENT - WORLDWIDE

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

Harri Petteri Luhtala

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 Keilalahdentie 4 FI-02150 Espoo Finland.

An invention entitled (invention Title):

RADIO BROADCAST RECEPTION

<u>X</u>	RIGHTS referred to in this agreement are: a PCT/ European Patent Application No. PCT/IB2011/050970; filed on March 8, 2011 on, executed by the ASSIGNOR(S)
	U.S. Patent Application Serial No. 14/003320 , filed September 5, 2013 U.S. Patent No. issued
The PATENT XX	RIGHTS assigned under this agreement are: U.S. Patent rights 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.

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

the full and exclusive right to the invention;

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.

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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:

Harri Petteri Luhtala

5 - 3-cys - 20/3 Date

5~ S#g ^ 2013 Date