503067860 11/19/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MISKA MATIAS HANNUKSELA	10/15/2014

RECEIVING PARTY DATA

Name:	NOKIA CORPORATION	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14514044

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NAME OF SUBMITTER:	THAO PHAM
SIGNATURE:	/Thao Pham/
DATE SIGNED:	11/19/2014

Total Attachments: 2

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PATENT 503067860 REEL: 034209 FRAME: 0632

ASSIGNMENT

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

Miska Matias Hannuksela

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):

VIDEO ENCODING AND DECODING

The PAT	ENT RIGHTS referred to in this agreement ar	6;	
100	a national Patent Application No.	filed on	
	European Patent Application No.	filed on	
***	PCT application No.	filed on	
for this ir	ivention, executed by the ASS(GNOR(S)		
X	U.S. Patent Application Serial No. 14/514044, filed October 14, 2014		
•••		, Issued	
The PAT	ENT RIGHTS assigned under this agreement	are:	
X	U.S. Patent rights		
<u>X</u>	worldwide Patent rights. In this case, the assignee shall have the right to claim the		
	benefit of the filing date of any Patent Ap	oplication 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 paths 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:

PATENT REEL: 034209 FRAME: 0633

NC84287

[Miska Matias Hannuksela]

Witness Signature Printed Name VINOS KUMSK

15 oct, 2014

Date

PATENT REEL: 034209 FRAME: 0634

RECORDED: 11/19/2014