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Patent Holder:					
Legal Name	Noki	a Technologies Oy			
Contact for license a	applica	ation:			
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	imme	ersive media – Part 3: Versa	tile video coding		

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The Pater	nt Holder believes that it holds granted and/or pending applications for Patents, the use of which would				
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	- granted patent number or patent application number (if pending);				
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Free of C respect to Holder w compensa situation implement condition	- a description of the Patents covering the above document. <u>Charge</u> : The words "Free of Charge" do not mean that the Patent Holder is waiving all of its rights with to the Patent. Rather, "Free of Charge" refers to the issue of monetary compensation; <i>i.e.</i> , that the Patent will not seek any monetary compensation as part of the licensing arrangement (whether such ation is called a royalty, a one-time licensing fee, etc.). However, while the Patent Holder in this is committing to not charging any monetary amount, the Patent Holder is still entitled to require that the nter of the same above document sign a license agreement that contains other reasonable terms and as such as those relating to governing law, field of use, warranties, etc.				
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Free of C respect to Holder w compensa situation implement condition <u>Reciproc</u> prospecti same abo <u>Patent</u> : T similar st such clain would be <u>Assignment</u> Patent Po as to the Holder w option 1 of declaration	<ul> <li>a description of the Patents covering the above document.</li> <li><u>Charge</u>: The words "Free of Charge" do not mean that the Patent Holder is waiving all of its rights with the patent. Rather, "Free of Charge" refers to the issue of monetary compensation; <i>i.e.</i>, that the Patent will not seek any monetary compensation as part of the licensing arrangement (whether such ation is called a royalty, a one-time licensing fee, etc.). However, while the Patent Holder in this is committing to not charging any monetary amount, the Patent Holder is still entitled to require that the net of the same above document sign a license agreement that contains other reasonable terms and as such as those relating to governing law, field of use, warranties, etc.</li> <li><u>ity</u>: The word "Reciprocity" means that the Patent Holder shall only be required to license any we licensee if such prospective licensee will commit to license its Patent(s) for implementation of the save document Free of Charge or under reasonable terms and conditions.</li> <li>The word "Patent" means those claims contained in and identified by patents, utility models and other tatutory rights based on inventions (including applications for any of these) solely to the extent that any ms are essential to the implementation of the same above document. Essential patents are patents that erequired to implement a specific Recommendation   Deliverable.</li> <li><u>ent/transfer of Patent rights</u>: Licensing declarations made pursuant to Clause 2.1 or 2.2 of the Common oblicy for ITU-T/ITU-R/ISO/IEC shall be interpreted as encumbrances that bind all successors-in-interest transferred Patents. Recognizing that this interpretation may not apply in all jurisdictions, any Patent who has submitted a licensing declaration according to the Common Patent Policy - be it selected as or 2 on the Patent Declaration form - who transfers ownership of a Patent that is subject to such licensing on shall include appropriate provisions in the relevant transfer doc</li></ul>				
Free of C respect to Holder w compensa situation implement condition <u>Reciprocti</u> prospecti same abo <u>Patent</u> : T similar st such clain would be <u>Assignment</u> Patent Po as to the Holder w option 1 of declaration	- a description of the Patents covering the above document. <u>Charge</u> : The words "Free of Charge" do not mean that the Patent Holder is waiving all of its rights with to the Patent. Rather, "Free of Charge" refers to the issue of monetary compensation; <i>i.e.</i> , that the Patent will not seek any monetary compensation as part of the licensing arrangement (whether such ation is called a royalty, a one-time licensing fee, etc.). However, while the Patent Holder in this is committing to not charging any monetary amount, the Patent Holder is still entitled to require that the neter of the same above document sign a license agreement that contains other reasonable terms and as such as those relating to governing law, field of use, warranties, etc. <u>ity</u> : The word "Reciprocity" means that the Patent Holder shall only be required to license any we licensee if such prospective licensee will commit to license its Patent(s) for implementation of the swe document Free of Charge or under reasonable terms and conditions. "The word "Patent" means those claims contained in and identified by patents, utility models and other tatutory rights based on inventions (including applications for any of these) solely to the extent that any ms are essential to the implementation of the same above document. Essential patents are patents that the required to implement a specific Recommendation   Deliverable. <u>ent/transfer of Patent rights</u> : Licensing declarations made pursuant to Clause 2.1 or 2.2 of the Common blicy for ITU-T/ITU-R/ISO/IEC shall be interpreted as encumbrances that bind all successors-in-interest transferred Patent Declaration form - who transfers ownership of a Patent that is subject to such licensing on shall include appropriate provisions in the relevant transfere and that the transferee will similarly				
Free of C respect to Holder w compensa situation implement condition <u>Reciproct</u> prospecti same abo <u>Patent</u> : T similar st such clain would be <u>Assignme</u> Patent Po as to the Holder w option 1 of declaration	- a description of the Patents covering the above document. <u>Charge</u> : The words "Free of Charge" do not mean that the Patent Holder is waiving all of its rights with to the Patent. Rather, "Free of Charge" refers to the issue of monetary compensation; <i>i.e.</i> , that the Patent will not seek any monetary compensation as part of the licensing arrangement (whether such ation is called a royalty, a one-time licensing fee, etc.). However, while the Patent Holder in this is committing to not charging any monetary amount, the Patent Holder is still entitled to require that the net of the same above document sign a license agreement that contains other reasonable terms and as such as those relating to governing law, field of use, warranties, etc. <u>ity</u> : The word "Reciprocity" means that the Patent Holder shall only be required to license any we licensee if such prospective licensee will commit to license its Patent(s) for implementation of the pwe document Free of Charge or under reasonable terms and conditions. "He word "Patent" means those claims contained in and identified by patents, utility models and other tatutory rights based on inventions (including applications for any of these) solely to the extent that any ms are essential to the implementation of the same above document. Essential patents are patents that required to implement a specific Recommendation   Deliverable. <u>ent/transfer of Patent rights</u> : Licensing declarations made pursuant to Clause 2.1 or 2.2 of the Common blicy for ITU-T/ITU-R/ISO/IEC shall be interpreted as encumbrances that bind all successors-in-interest transferred Patent. Recognizing that this interpretation may not apply in all jurisdictions, any Patent who has submitted a licensing declaration according to the Common Patent Policy - be it selected as or 2 on the Patent Declaration form - who transfers ownership of a Patent that is subject to such licensing on shall include appropriate provisions in the relevant transfere and that the transferee will similarly ppropr				

Patent Information (desired but not required for options 1 and 2; required in ITU, ISO and IEC for option 3 (NOTE)) **Granted Patent Number** Title No. Status Country or **Application Number (if** [granted/ pending] pending) AU 2012216719 SYSTEM AND METHOD FOR 1 granted IMPLEMENTING EFFICIENT DECODED BUFFER MANAGEMENT IN MULTI-VIEW VIDEO CODING AU 2016201810 SYSTEM AND METHOD FOR 2 granted IMPLEMENTING EFFICIENT DECODED BUFFER MANAGEMENT IN MULTI-VIEW VIDEO CODING AU 2007311476 SYSTEM AND METHOD FOR 3 granted IMPLEMENTING EFFICIENT DECODED BUFFER MANAGEMENT IN MULTI-VIEW VIDEO CODING PI0718206-6 4 granted BR SYSTEM AND METHOD FOR IMPLEMENTING EFFICIENT DECODED BUFFER MANAGEMENT IN MULTI-VIEW VIDEO CODING 5 granted CA 2858458 SYSTEM AND METHOD FOR IMPLEMENTING **EFFICIENT** DECODED BUFFER MANAGEMENT IN MULTI-VIEW VIDEO CODING CA 3006093 SYSTEM AND METHOD FOR 6 granted IMPLEMENTING EFFICIENT DECODED BUFFER MANAGEMENT IN MULTI-VIEW VIDEO CODING

Patent Information (desired but not required for options 1 and 2; required in ITU, ISO and IEC for option 3 (NOTE))

Status	Country	Granted Patent Number	Title
[granted/ pending]		or Application Number (if pending)	
granted	СА	2666452	SYSTEM AND METHOD FOR
			IMPLEMENTING EFFICIENT
			DECODED BUFFER MANAGEMENT
			IN MULTI-VIEW VIDEO CODING
granted	CN	ZL201410348567.8	SYSTEM AND METHOD FOR
			IMPLEMENTING EFFICIENT
			DECODED BUFFER MANAGEMENT
			IN MULTI-VIEW VIDEO CODING
granted	CN	ZL200780044464.0	SYSTEM AND METHOD FOR
			IMPLEMENTING EFFICIENT
			DECODED BUFFER MANAGEMENT
			IN MULTI-VIEW VIDEO CODING
granted	EP	2087741	SYSTEM AND METHOD FOR
			IMPLEMENTING EFFICIENT
			DECODED BUFFER MANAGEMENT
			IN MULTI-VIEW VIDEO CODING
granted	EP	2642756	SYSTEM AND METHOD FOR
			IMPLEMENTING EFFICIENT
			DECODED BUFFER MANAGEMENT
			IN MULTI-VIEW VIDEO CODING
granted	НК	1189108	SYSTEM AND METHOD FOR
			IMPLEMENTING EFFICIENT
			DECODED BUFFER MANAGEMENT
			IN MULTI-VIEW VIDEO CODING
granted	НК	1133761	SYSTEM AND METHOD FOR
			IM1PLEMENTING EFFICIENT
	Status [granted/pending] granted granted granted granted granted	StatusCountry[granted/pending]grantedCAgrantedCNgrantedCNgrantedEPgrantedEPgrantedHKgrantedHK	Status [granted/ pending]Country or Application Number (if pending)grantedCA2666452grantedCNZL201410348567.8grantedCNZL200780044464.0grantedEP2087741grantedEP2642756grantedHK1189108grantedHK1133761

Patent Information (desired but not required for options 1 and 2; required in ITU, ISO and IEC for option 3 (NOTE))

No.	Status	Country	Granted Patent Number	Title
	[granted/ pending]		or Application Number (if pending)	
			pending)	DECODED BUFFER MANAGEMENT
				IN MULTI-VIEW VIDEO CODING
14	granted	ID	IDP0032345	SYSTEM AND METHOD FOR
				IMPLEMENTING EFFICIENT
				DECODED BUFFER MANAGEMENT
				IN MULTI-VIEW VIDEO CODING
15	granted	IN	275011	SYSTEM AND METHOD FOR
				IMPLEMENTING EFFICIENT
				DECODED BUFFER MANAGEMENT
				IN MULTI-VIEW VIDEO CODING
16	granted	KR	1120648	SYSTEM AND METHOD FOR
				IMPLEMENTING EFFICIENT
				DECODED BUFFER MANAGEMENT
				IN MULTI-VIEW VIDEO CODING
17	granted	MX	322704	SYSTEM AND METHOD FOR
				IMPLEMENTING EFFICIENT
				DECODED BUFFER MANAGEMENT
				IN MULTI-VIEW VIDEO CODING
18	granted	MX	337935	SYSTEM AND METHOD FOR
				IMPLEMENTING EFFICIENT
				DECODED BUFFER MANAGEMENT
				IN MULTI-VIEW VIDEO CODING
19	pending	MX	MX/a/2016/003924	SYSTEM AND METHOD FOR
				IMPLEMENTING EFFICIENT
				DECODED BUFFER MANAGEMENT
				IN MULTI-VIEW VIDEO CODING

pending) 20 NG NG/C/2009/213 SYSTEM AND METHOD FOR granted IMPLEMENTING EFFICIENT DECODED BUFFER MANAGEMENT IN MULTI-VIEW VIDEO CODING TW 21 granted I396451 SYSTEM AND METHOD FOR IMPLEMENTING **EFFICIENT** DECODED BUFFER MANAGEMENT IN MULTI-VIEW VIDEO CODING TW AND 22 I488507 SYSTEM METHOD FOR granted IMPLEMENTING **EFFICIENT** DECODED BUFFER MANAGEMENT IN MULTI-VIEW VIDEO CODING 23 US 8165216 SYSTEM AND METHOD FOR granted IMPLEMENTING **EFFICIENT** DECODED BUFFER MANAGEMENT IN MULTI-VIEW VIDEO CODING 24 US 8396121 SYSTEM AND METHOD FOR granted IMPLEMENTING **EFFICIENT** DECODED BUFFER MANAGEMENT IN MULTI-VIEW VIDEO CODING 25 granted ZA 2009/03322 SYSTEM AND METHOD FOR

Patent Information (desired but not required for options 1 and 2; required in ITU, ISO and IEC for option 3 (NOTE))

**Granted Patent Number** 

or Application Number (if

Country

No.

Status

[granted/ pending]

Check here if additional patent information is provided on additional pages.

DECODED BUFFER MANAGEMENT

IN MULTI-VIEW VIDEO CODING

EFFICIENT

IMPLEMENTING

Title

NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

Signature (include on final	page only):		
Patent Holder	Nokia Technologies Oy		
Name of authorized person	Merja Leväjärvi	Teemu Itälä	_
Title of authorized person	Authorized Signatory	Authorized Signatory	_
Signature	Hey Lem	<u>Теети Itälä</u> Teemu Itälä (Oct 24, 2022 13:29 GMT+3)	
Place, Date	Espoo, Finland Oct 24, 2022		_

FORM version: 2 November 2018