PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4954112

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INTELLECTUAL VENTURES ASSETS 79 LLC	05/01/2018

RECEIVING PARTY DATA

Name:	NORDIC INTERACTIVE TECHNOLOGIES LLC
Street Address:	8105 RASOR BLVD., SUITE 210
City:	PLANO
State/Country:	TEXAS
Postal Code:	75024

PROPERTY NUMBERS Total: 4

Property Type	Number
Patent Number:	6968012
Patent Number:	8295358
Patent Number:	8971414
Patent Number:	6459708

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 9723222468

Email:info@longhornip.comCorrespondent Name:LONGHORN IP LLCAddress Line 1:8105 RASOR BLVD.

Address Line 2: SUITE 210

Address Line 4: PLANO, TEXAS 75024

NAME OF SUBMITTER:	CHRIS DUBUC	
SIGNATURE:	/chris dubuc/	
DATE SIGNED:	05/09/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3 source=A-1#page1.tif source=A-1#page2.tif

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PATENT REEL: 045757 FRAME: 0427

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures Assets 79 LLC, a Delaware limited liability company, with an address at 251 Little Falls Drive, Wilmington, DE 19808 ("Assignor"), does hereby sell, assign, transfer, and convey unto Nordic Interactive Technologies LLC, a Texas limited liability company with an office at \$105 Rasor Blvd., Suite 210, Plano TX 75024 ("Assignee"), all of Assignor's right, title, and interest in and to the following (collectively, the "Assigned Patent Rights"):

(a) the patents and patent applications listed in the table below (the "Patents");

Patent/		Issue Date/	
Application Number	Country	Filing Date	Title of Patent and Inventors
6968012	US	11/22/2005	METHODS FOR
(09/970059)	*	(10/2/2001)	ENCODING DIGITAL
			VIDEO FOR DECODING ON
			LOW PERFORMANCE
			DEVICES
			Jens Meggers
8295358	US	10/23/2012	Encoding digital video
(13/190108)		(7/25/2005)	
			Jens Meggers
8971414	US	3/3/2015	Encoding digital video
(13/204556)		(8/5/2011)	
			Jens Meggers
6459708	US	10/1/2002	APPARATUS AND
(09/468775)		(12/21/1999)	METHOD FOR PROVIDING
			T1/E1
			TELECOMMUNICATIONS
			TRUNKS OVER IP
			NETWORKS
			James Cox; Ralph Gerlach;
			James Mott; Robert Pearson

- (b) any future reissues, reexaminations, extensions, continuations, continuing prosecution application, requests for continuing examinations, divisions, and registrations of any of the Patents;
- (c) rights to apply in any or all countries of the world for future patents, certificates of invention, utility models, industrial design protections, design patent protections, or other future governmental grants or issuances of any type related to the Patents; and
- (d) causes of action and enforcement rights of any kind under, or on account of, any of the Patents and/or any of the items described in either of the foregoing categories (b) or (c), including, without limitation, all causes of action, enforcement rights and all other rights to seek and obtain any other remedies of any kind for past, current and future infringement.

*

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all future patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Assigned Patent Rights in the name of Assignee, as the assignee to the entire interest thorein. This Assignment of Patent Rights will inure for the benefit of any permitted successors or assigns of Assignee.

Assigner will, at the reasonable request of Assignee, take all reasonable steps accessary and proper, to confirm the assignment to Assignee of the Assigned Patent Rights pursuant to this Assignment of Patent Rights, including without limitation, the execution, acknowledgment, and recordation of specific assignments, onths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining and perfecting the Assigned Patent Rights.

IN WITNESS WHEREOF this Assignment of Putent Rights is executed on MMY. 2018. ASSIGNOR:

Intellectual Ventures Assets 79 LA.C	
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THATHERIZED PRESIVE	
STATE OF <u>Windinghon</u>	
COUNTY OF KING	
On <u>os a Aasy 1708</u> before me, <u>C.A. s. Søsen Å</u> Public in and for said State, personally appeared <u>Them.</u>	<u>en M. Bengel</u> Katay Waliofal penanak
known to me (or proved to me on the basis of satisfacts	
whose name is subscribed to the within instrument and ac	
executed the same in his/her authorized capacity, and the	
instrument the person, or the entity upon behalf of which	the person arted, executed the
instrument.	
promotion and hand and afficient soul	Notary Public
WITNESS my hand and official seal.	State of Washington CASSANDRA M BRAGET
Signature / L-M-B-A-	(S MY COMMISSION EXPIRES
	JULY 4, 2018
ASSIGNEE	
d	
Nordic Interaffice Technologies LLC	
· ///	
By: Name: HACHRISTIAN DUBLE	
Tale: MANAGER	

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STATE OF TEXAS) | ss. | county of could)

On May 3,2018 before me, Michael Le Notary Public in and for said State, personally appeared Lhristian Duble personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Consister -

PATENT
RECORDED: 05/09/2018 REEL: 045757 FRAME: 0430