

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KETAN DASHARATH MAYER-PATEL	06/04/2020
AARON JOSEPH SMITH	07/01/2020
RECEIVING PARTY DATA	
Name:	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
Street Address:	109 CHURCH STREET
Internal Address:	OFFICE OF TECHNOLOGY COMMERCIALIZATION
City:	CHAPEL HILL
State/Country:	NORTH CAROLINA
Postal Code:	27516
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16893406
CORRESPONDENCE DATA	
Fax Number:	(919)419-0383
<i>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.</i>	
Phone:	9194938000
Email:	eouellette@jwth.com
Correspondent Name:	GREGORY A. HUNT
Address Line 1:	3015 CARRINGTON MILL BOULEVARD
Address Line 2:	SUITE 550
Address Line 4:	MORRISVILLE, NORTH CAROLINA 27560
ATTORNEY DOCKET NUMBER:	421/455/2
NAME OF SUBMITTER:	GREGORY A. HUNT
SIGNATURE:	/Gregory A. Hunt/
DATE SIGNED:	07/06/2020
Total Attachments: 4	
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PATENT

Atty. Docket No.: 421/455/2

ASSIGNMENT

WHEREAS, we, Ketan Dasharath Mayer-Patel of Durham, North Carolina; and Aaron Joseph Smith of Chapel Hill, North Carolina; (hereinafter "Assignors"), have invented certain new and useful improvements in METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR DECODING VIDEO USING RATE SORTED ENTROPY CODING (hereinafter "Invention") for which application for a U.S. Patent was made on June 4, 2020 as Application Serial No. 16/893,406 (hereinafter "Application"), and claims priority to United States Patent Application No. 62/858,486 filed June 7, 2019 (hereinafter "Applications"). Assignors hereby authorize Jenkins, Wilson, Taylor & Hunt, P.A. to insert the filing date and Serial No. above.

AND, WHEREAS, The University of North Carolina at Chapel Hill, a non-profit organization located in Chapel Hill, North Carolina (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, their entire right, title and interest in and to the Invention and Applications, and in and to any and all U.S. and foreign patent applications filed on the Invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Patents of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon (hereinafter, "Patents"), for the full end of the term for which said Patents may be granted, together with their right to claim the priority of the Applications in all countries in accordance with the Paris Convention, the Patent Cooperation Treaty, or other agreement or national law under which priority can be claimed, the same to be held and enjoyed by said Assignee, its

successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made. It is expressly agreed by Assignors and Assignee that this Assignment fully conveys and transfers from Assignors to Assignee the right to sue for any and all patent infringement occurring prior to the date of this Assignment.

Assignors hereby request that said Patents be issued in accordance with this Assignment.

Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess the unencumbered right and authority to make this Assignment.

Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to the Invention, to testify and/or assist as requested by the Assignee in any interference or legal proceedings involving the Applications, Patents, or Invention, including cooperating in any enforcement proceedings involving the Applications, Patents, or Invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the Invention in all countries and to vest in the Assignee complete title to the Invention and Patents, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

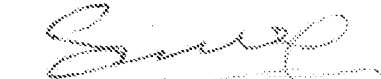
Atty. Docket No.: 421/455/2


Executed this 4th day of June 2020



Ketan Dasharath Mayer-Patel

Witnessed by:

 06/04/2020
Name Date

 06/04/2020
Name Date

Executed this _____ day of _____ 20__

Aaron Joseph Smith

Witnessed by:

Name Date

Name Date

Atty. Docket No.: 421/455/2

Executed this _____ day of _____ 20__.

Ketan Dasharath Mayer-Patel

Witnessed by:

Name Date

Name Date

Executed this 1st day of July 2020

Aaron Joseph Smith

Witnessed by:

Name Date

Name Date
