

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RUSSELL MORTON TAYLOR II	09/01/2018
CHONG SHAO	08/30/2018
KETAN DASHARATH MAYER-PATEL	08/28/2018
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<b>City:</b>	CHAPEL HILL
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27516
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16035016
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	421/408/2
<b>NAME OF SUBMITTER:</b>	GREGORY A. HUNT
<b>SIGNATURE:</b>	/Gregory A. Hunt/
<b>DATE SIGNED:</b>	10/16/2018
<b>Total Attachments: 4</b>	
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PATENT

Atty. Docket No.: 421/408/2

ASSIGNMENT

WHEREAS, we, Russell Morton Taylor, II of Pittsboro, North Carolina; Chong Shao of Chapel Hill, North Carolina; and Ketan Dasharath Mayer-Patel of Durham, North Carolina (hereinafter "Assignors"), have invented certain new and useful improvements in METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR RECONSTRUCTING IMAGES USING BLURRING AND NOISE-ENHANCED PIXEL INTENSITY RESAMPLING (hereinafter "Invention") for which application for a U.S. Patent was made on July 13, 2018 as Application Serial No. 16/035,016 (hereinafter "Application").

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 Application, 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 Application 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.

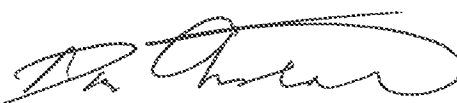
Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess the unencumbered right and authority to make this Assignment.

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 Application, Patents, or Invention, including cooperating in any enforcement proceedings involving the Application, 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.

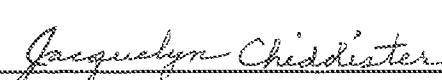
Executed this 15<sup>th</sup> day of September 2018.

  
\_\_\_\_\_  
Russell Morton Taylor, II

Witnessed by:

  
\_\_\_\_\_  
Name Date

DON CHIDDISTER

  
\_\_\_\_\_  
Name Date

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Executed this 30th day of August 2018.

/Chong Shao/  
Chong Shao

Witnessed by:

\_\_\_\_\_  
Name Date

\_\_\_\_\_  
Name Date

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Executed this \_\_\_\_\_ day of \_\_\_\_\_ 2018.

Ketan Dasharath Mayer-Patel

Witnessed by:

\_\_\_\_\_  
Name Date

\_\_\_\_\_  
Name Date

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Atty. Docket No.: 421/408/2

\_\_\_\_\_  
Name

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Date

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Executed this \_\_\_\_\_ day of \_\_\_\_\_ 2018.

\_\_\_\_\_  
Chong Shao

Witnessed by:

\_\_\_\_\_  
Name


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Date

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Name

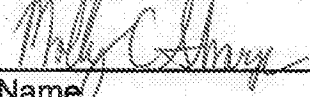
\_\_\_\_\_  
Date

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Executed this 28<sup>th</sup> day of August 2018.

  
\_\_\_\_\_  
Ketan Dasharath Mayer-Patel

Witnessed by:

  
\_\_\_\_\_  
Name

8/29/18  
\_\_\_\_\_  
Date

  
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Name

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Date

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