PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILFRED M. BATES	07/20/2009
BO HUANG	07/20/2009
WENQIN WANG	07/20/2009
XIAOWEI ZHUANG	07/20/2009

RECEIVING PARTY DATA

Name:	President and Fellows of Harvard College
Street Address:	17 Quincy Street
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02138

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14821569

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	3114
NAME OF SUBMITTER:	KAREN SINCLAIR
SIGNATURE:	/K.S./
DATE SIGNED:	02/19/2019

Total Attachments: 3

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PATENT REEL: 048368 FRAME: 0416

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Wilfred M. Bates, Bo Huang, Wenqin Wang, and Xiaowei Zhuang

(hereafter "Assignors") hereby assign, sell, and transfer to:

President and Fellows of Harvard College 17 Quincy Street, Cambridge, Massachusetts 02138

(hereafter "Assignee") its successors and assigns, Assignors' entire right, title and interest throughout the world in and to any and all inventions and improvements for:

Sub-diffraction Limit Image Resolution in Three Dimensions

described in international PCT Patent Application No. PCT/US2008/013915 filed December 19, 2008 which claims priority to provisional Patent Application No. 61/008,661 filed December 21, 2007; and in and to the aforesaid application(s), in any form or embodiment thereof, and in and to any application filed in this and any foreign country based thereon, including the right to file said applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

Assignors hereby warrant that they have full right to convey their entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

Assignors further agree, without further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its representatives or agents, or its successors or assigns to secure, obtain and enforce proper patent protection for said invention or inventions in this and any foreign country.

7/20/09 Plan (Rates)

Plante Wilfred M. Bates

7/2/04 All Homess Signature

MAthew Kilroy

7/20/09 Date

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Bo Muang/

Witness Signature

Witness's Printed Name

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Date	Wenqin Wang
7/20109	Mersel
Date	Winess Strainer
	Whitness's Printed Name

7/24/07 SCACO Xisowel Zhuang

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<u>Milness's Printed Name</u>