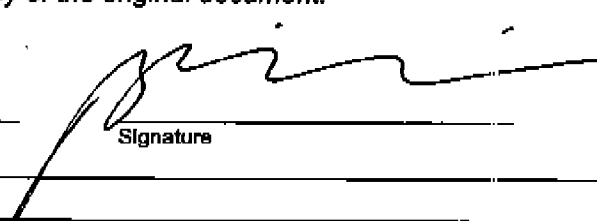


Substitute Form PTO-1595  
Attorney Docket No.: 12227-068001

## RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
<b>1. Name of conveying party(ies):</b> Bo Pi, Wei-cheng Wilson Lin and Zhihao Chen Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies):</b> Oluma, Inc. 5803 Newton Drive, Suite B Carlsbad, CA 92008  Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: 7/13/2004; 7/14/2004; 7/16/2004	
<b>4. Application number(s) or patent number(s):</b> If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/785,718 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name/address of party to whom correspondence concerning document should be mailed:</b>  Bing Ai Fish & Richardson P.C. 12390 El Camino Real San Diego, California 92130	<b>6. Total number of applications/patents involved:</b> 1  <b>7. Total fee (37 CFR §3.41):</b> \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account.  <b>8. Deposit Account No.:</b> 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
<b>9. Statement and Signature:</b> <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>	
Bing Ai Reg. No. 43,312 Name of Person Signing	<div style="text-align: center;">           Signature       </div> <div style="text-align: right; margin-top: 20px;">         July 19, 2004          Date       </div>

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### CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

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Attorney Docket No: 12227-068001

ASSIGNMENT

For valuable consideration, we, BO PI of Carlsbad, California, WEI-CHENG WILSON LIN of Carlsbad, California, ZHIHAO CHEN of Carlsbad, CA, hereby assign to Oluma, Inc., a corporation having a place of business at 5803 Newton Drive, Suite B, Carlsbad, CA 92008; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled REFLECTION-MODE FIBER SENSING DEVICES, filed February 23, 2004, and assigned U.S. Serial Number \_\_\_\_\_, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date

7/13/04

Date

7/14/04

Date

BO PI

WEI-CHENG WILSON LIN

ZHIHAO CHEN

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To: BO PI

From: Zhihao

Attorney Docket No: 12227-068001

**ASSIGNMENT**

For valuable consideration, we, BO PI of Carlsbad, California, WEI-CHENG WILSON LIN of Carlsbad, California, ZHEHAO CHEN of Carlsbad, CA, hereby assign to QinetiQ, Inc., a corporation having a place of business at 5803 Newton Drive, Suite B, Carlsbad, CA 92008; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled REFLECTION-MODE FIBER SENSING DEVICES, filed February 23, 2004, and assigned U.S. Serial Number \_\_\_\_\_ and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date

BO PI

Date

WEI-CHENG WILSON LIN

Date

ZHEHAO CHEN

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