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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Shulai Zhao and Bo Pi Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Oluma, Inc. 5803 Newton Drive, Suite B Carlsbad, CA 92008 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <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: September 17, 2001	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 09/884,883 B. Patent No(s): JAN 3 2002 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: SCOTT C. HARRIS PTO Customer No. 20985 Fish & Richardson P.C. 4350 La Jolla Village Drive, Suite 500 San Diego, California 92122	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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9. Statement and Signature: <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 Signature October 23, 2001 Date Total number of pages including coversheet, attachments and document: 2	

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

October 23, 2001
Date of Deposit

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Typed Name of Person Signing Certificate

PATENT
REEL: 012414 FRAME: 0800

Attorney Docket 12227-018001

ASSIGNMENT

For valuable consideration, I, SHULAI ZHAO of 2229 Lagoon View Drive, Encinitas, California 92007, and BO PI of 7862 Via Coscoja, Carlsbad, California 92009, hereby assign to: Oluma, Inc., a Delaware corporation having a place of business at: 5803 Newton Drive, Suite B, Carlsbad, California 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 me, entitled MACH-ZEHNDER INTEFEROMETERS AND APPLICATIONS BASED ON EVANESCENT COUPLING THROUGH SIDE-POLISHED FIBER COUPLING PORTS, filed June 18, 2001, and assigned U.S. Serial Number 09/884,883; 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 I authorize the Assignee to apply in all countries in my 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 I agree for me and my 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: _____

9/17/01

SHULAI ZHAO

Date: _____

9/17/01

BO PI