| Attorney Docket No. 18 | 062L-008800US |
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U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 03/05) United States Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2005) 09-05-2006 T 103301640 To the Director of the U.S. Patent a locuments or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Name: Regents of the University of California Liwei Lin Firas Sammoura Internal Address: Street Address: 1111 Franklin Street, 12th Floor Additional name(s) of conveying party(ies) attached? \_\_\_\_ Yes 🔀 No 3. Nature of conveyance/Execution Date(s): Execution Date(s) August 1, 2006 City: Oakland **Assignment** Merger State: CA **Security Agreement** Change of Name \_\_\_ Joint Research Agreement Country: U.S.A. Government Interest Assignment Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? | Yes X No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 11/452,114 Additional numbers attached? Yes No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 🕏 Name: Babak Kusha Authorized to be charged by credit card Internal Address: Authorized to be charged to deposit account TOWNSEND AND TOWNSEND AND CREW LLP Enclosed Street Address: Two Embarcadero Center, None required (government interest not affecting title) Eighth Floor City: San Francisco 8. Payment Information a. Credit Card Last 4 numbers California Zip: 94111-3834 State: **Expiration Date** Phone Number: (415) 576-0200 呂 b. Deposit Account Number 20-1430 Fax Number: (415) 576-0300 Authorized User Name Townsend and Email Address: bkusha@townsend.com Townsend and Car LLP 9. Signature: August 29, 2006 Signature Date Babak Kusha Total number of pages including cover 2 sheet, attachments, and documents: Name of Person Signing Atty. Reg. No. 51,095

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, VA 22313-1450

PATENT REEL: 018251 FRAME: 0386

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TTC Attorney Docket No. 18062L-008800US

## **ASSIGNMENT**

| U.C. Case No. <u>B06-086-1</u>  |   |  |
|---|---|--|
| For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),  |   |  |
| 1. Liwei Lin  | 2, Fires Sammoura                               |  |
| 3   | 4   |  |
| hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin St., 12 <sup>th</sup> Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention UCB Case No. 806-088-1 entitled:  |   |  |
| WAVEGUIDE-BASED MEMS TUNABLE FILTERS AND PHASE SHIFTERS   |   |  |
| and which is found in   |   |  |
| (a) U.S. provisional application filed herewith and listing the above-named persons as inventors  |   |  |
| (b) U.S. patent application filed herewith and listing the above-named persons as inventors   |   |  |
| (c) X U.S. application serial no. 11/452.114, filed on June 12, 2006  |   |  |
| (d) U.S. Patent No.:  | , Issued  |  |
| and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all international Conventions for the Protection of Industrial Property;  |   |  |
| ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;   |   |  |
| ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or afficiavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known. |   |  |
| AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any release or extension thereof to the ASSIGNEE, The Regents of the University of California.   |   |  |
| day of August, 2006   | Ignature of Inventor(s)  Low Lin  Ives Sammoura |  |
| rev 10/03<br>60814883 v1  |   |  |

PATENT REEL: 018251 FRAME: 0387

RECORDED: 09/01/2006