To the Director of the U.S. Patent  To the Director of the U.S. Patent  103637194  L.S. DEPARTMENT OF Counited States Patent and Train Internal Address of the new address(et al. Name of conveying party(ies)  Massachusetts Institute of Technology F49620-96-1-0126  Additional name(s) of conveying party(ies) attached? Yes Internal Address: AFOSR/PK  Additional name(s) of conveyance/Execution Date(s):  Execution Date(s) 13 June 2011  U.S. DEPARTMENT OF Counited States Patent and Train Internal Address Patent and Train Internal Address Patent and Train Internal Address of receiving party(ies)  Street Address: AFOSR/PK		
To the Director of the U.S. Patent  103637194  1. Name of conveying party(ies)  Massachusetts Institute of Technology F49620-96-1-0126  Additional name(s) of conveying party(ies) attached? Yes V No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 13 June 2011		
1. Name of conveying party(ies)  Massachusetts Institute of Technology F49620-96-1-0126  Additional name(s) of conveying party(ies) attached? Yes ✓ No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 13 June 2011		
Massachusetts Institute of Technology F49620-96-1-0126  Name: UNITED STATES AIR FORCE Internal Address: AFOSR/PK  Additional name(s) of conveying party(ies) attached? Yes ✓ No  3. Nature of conveyance/Execution Date(s):  Street Address: 875 N. RANDOLPH STREET  Execution Date(s) 13 June 2011		
Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 13 June 2011	es)	
Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 13 June 2011		
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Execution Date(s) 13 June 2011	dditional name(s) of conveying party(ies) attached? Yes 🗸 No	
Execution Date(s) 13 June 2011	e of conveyance/Execution Date(s): Street Address: 875 N. RANDOLPH STREET	
SUITE 325, RM 3112		
Assignment Merger		
Security Agreement Change of Name City: ARLINGTON		
Joint Research Agreement State: VA		
Government Interest Assignment	·	
Executive Order 9424, Confirmatory License  Country: USA Zip: 22203		
Other Additional name(s) & address(es) attached?	Yes ☑ 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)		
6411752	070	
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Additional numbers attached? Yes No	5	
5. Name and address to whom correspondence 6. Total number of applications and pater	nts	
concerning document should be mailed: involved:		
Name: UNITED STATES AIR FORCE  7. Total fee (37 CFR 1.21(h) & 3.41) \$0		
Internal Address: AFOSR/PK		
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✓ None required (government interest not a	ffecting title)	
City: ARLINGTON 8. Payment Information		
a. Credit Card Last 4 Numbers		
Expiration Date	·	
Phone Number: 703-696-7295 b. Deposit Account Number		
Fax Number: 703-696-9733  Authorized User Name		
Email Address: geraldine.wilson@afosr.af.mil		
9. Signature: Traldene Wilson 23 Nugust 2011		
Signature Da <b>ké</b>		
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Invention Title: VERTICALLY COUPLED OPTICAL RESONATOR DEVICES OVER A CROSS-GRID WAV	'EGUIDE
ARCHITECTURE	
Inventor(s): BRENT E LITTLE, Sai Chu, Wugen Pan, Yasuo Kokubun	
U.S. Filing/Issue Date: 06/25/2002	
Patent or Application Serial No.: 6411752	
Grant/Contract Number(s): F49620-96-1-0126	
Foreign Applications filed/intended in (countries):	
The invention identified above is a Subject Invention under <b>35 U.S.C. 200</b> , et seq., and the Standard Pat at <b>37 CFR 401.14</b> , FAR <b>52.227-11</b> or FAR <b>52.227-12</b> (if applicable) which are included among the te identified grant or contract award from the United State Government. This document is confirmatory	rms of the abov
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