

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE												
CONVEYING PARTY DATA													
<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>Massachusetts Institute of Technology</td><td>02/25/2011</td></tr></table>	Name	Execution Date	Massachusetts Institute of Technology	02/25/2011									
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Massachusetts Institute of Technology	02/25/2011												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>National Science Foundation</td></tr><tr><td>Street Address:</td><td>4201 Wilson Blvd</td></tr><tr><td>Internal Address:</td><td>Room 1265</td></tr><tr><td>City:</td><td>Arlington</td></tr><tr><td>State/Country:</td><td>VIRGINIA</td></tr><tr><td>Postal Code:</td><td>22230</td></tr></table>	Name:	National Science Foundation	Street Address:	4201 Wilson Blvd	Internal Address:	Room 1265	City:	Arlington	State/Country:	VIRGINIA	Postal Code:	22230	
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PROPERTY NUMBERS Total: 1													
<table border="1"><tr><th>Property Type</th><th>Number</th></tr><tr><td>Application Number:</td><td>09619926</td></tr></table>	Property Type	Number	Application Number:	09619926									
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Application Number:	09619926												
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PATENT
REEL: 026362 FRAME: 0011

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Invention Title: HIGHLY EFFICIENT CHANNEL DROP FILTER, C.I.P.#2 ABSORPTION INDUCED ON/OFF

SWITCH AND MODULATION

Inventor(s): Brent Little, Pierre R Villeneuve, John D Joannopoulos, Shanhui Fan, Hermann A

Haus Trust Fund

U.S. Filing/Issue Date: 07/20/2000

Patent or Application Serial No.: 09/619,926

Grant/Contract Number(s): 9400334

Foreign Applications filed/intended in (countries): _____

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

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2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this twenty fifth day of February, 20 11.

By Rolande Johndro (Signature)

Title _____

For MASSACHUSETTS INSTITUTE OF TECHNOLOGY
(Grantee/Contractor Organization)

At M.I.T. Technology Licensing Office Five Cambridge Center, Kendall Square Cambridge, MA

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