

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	EXECUTIVE ORDER 9424, CONFIRMATORY LICENCE
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Stanford University	07/10/2003
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	National Science Foundation
<b>Street Address:</b>	4201 Wilson Blvd.
<b>Internal Address:</b>	rm 1265
<b>City:</b>	Arlington
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	22230
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	10291089
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)292-9041
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	703-292-8060
<b>Email:</b>	sbattle@nsf.gov
<b>Correspondent Name:</b>	Robin C. Fritsch
<b>Address Line 1:</b>	4201 Wilson Blvd.
<b>Address Line 2:</b>	rm 1265
<b>Address Line 4:</b>	Arlington, VIRGINIA 22230
<b>NAME OF SUBMITTER:</b>	R. Fritsch
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**LICENSE TO THE UNITED STATES GOVERNMENT**

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Invention Title: **Photonic Waveguide with Large Bandwidth**

Inventors: **Shanhui Fan  
WahTung Lau**

Patent or Application Serial No: **10/291089**

U.S. Filing / Issue Date: **11/8/02**

Agency: **National Science Foundation**

Grant / Contract: **NSF ECS-0200445**

Grantee / Contractor File: **S02-162**

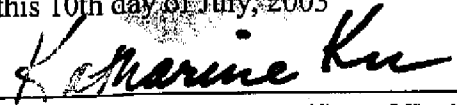
**Foreign Applications:**

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 of FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the above agency. This document is confirmatory of:

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

Signed this 10th day of July, 2003

By:   
Katharine Ku, Director, Office of Technology Licensing

For: The Board of Trustees of the Leland Stanford Junior University  
At: Stanford University, Office of Technology Licensing, 1705 El Camino Real, Palo Alto, CA  
94306-1106

**PATENT**