Form PTO-1595 R (Rev. 03/01)  OMB No. 0651-0027 (exp. 5/31/2002)  Tab settings   □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
	V V V
The Board of Trustees of the Leland Stanford Junior University  Additional name(s) of conveying party(ies) attached?  Yes No	2. Name and address of receiving party(ies) Name: National Science Foundation Internal Address: Office of the General Counsel Suite 1265
Nature of conveyance:      Assignment	Street Address: 4201 Wilson Boulevard
12/30/94 Execution Date:  4. Application number(s) or patent number(s):  If this document is being filed together with a new application No.(s)	City:_ArlingtonState:_VA_Zip:_22230Additional name(s) & address(es) attached? Yes No No cation, the execution date of the application is:B. Patent No.(s) _5,277,911
Additional numbers att  5. Name and address of party to whom correspondence	ached? Yes No
Concerning document should be mailed:  Name: Robin Clay Fritsch  Office of the General Counsel  Internal Address:	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)
Suite 1265  Street Address: 4201 Wilson Boulevard	Authorized to be charged to deposit account  8. Deposit account number:
City: Arlington State: VA Zip: 22230	
DO NOT USE THIS SPACE  9. Signature.	
Robin Clay Fritsch  Name of Person Signing  Total number of pages including covers	Signature  Date  Date

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

## LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title: Monolithic Total Internal Reflection Resonators for Optical

Frequencies

Inventor(s): Schiller, S.; Sizmann, A.; Fejer, M.; Byer, R.

Patent or Application Serial No.: 5,277,911

U.S. Filing/Issue Date: 7/13/93 Agency: National Science Foundation

Grant/Contract Identification Number: PHY-89-13017

Grantee/Contractor File #: S91-020

Foreign Applications filed/intended in (countries): Europe, Canada, Japan

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 or 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:

- 1. The nonexclusive, nontransferable, irrevocable, paid-up license granted to the Federal Government in the invention described in the patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon; and
- 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations which are applicable to the award.

Signe	d this 30th day of December 1994
Ву	Latharine Ku
<b>,</b>	(Grantee/Contractor Official)
Title _	Director, Office of Technology Licensing
For	The Board of Trustees of the Leland Stanford Junior University
	(Organization)
At	900 Welch Road, Suite 350, Palo Alto, CA 94304-1850
	(Business Address)

SEAL

RECORDED: 07/12/2002

PATENT REEL: 013077 FRAME: 0053