

01-17-2002

PTO Form: 1595



Docket No.:NOVA-P022

101949605

**RECORDATION COVER SHEET FOR ASSIGNMENT**

The Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:  
Please record the attached original documents or copy thereof.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

J1017 U.S. PTO  
10/039526  
11/07/01

<b>1. Name of conveying party:</b>	<b>Execution Date:</b>
Inventor (s): <b>Lo, Yu-Hwa</b>	<u>10/30/01</u>
Serial No: (Not yet assigned)	Group Art Unit: (Not yet assigned)
Filed: <u>11/07/01</u>	Examiner: (Not yet assigned)

**2. Name and Address of**  
Receiving party: **Nova Crystals, Inc.**  
**174 Component Drive**  
**San Jose, CA 95131**

**3. Nature of Conveyance:** Assignment

**4. Patent Application(s) / Patent Number(s):** (not yet assigned)  
New Patent Application Entitled:  
**“Broadly Tunable Distributed Bragg Reflector Structure Processing”**

**5. Name and address of party to whom correspondences concerning document should be mailed:**  
Name: **DENNIS S. FERNANDEZ, ESQ.**  
Address: **FERNANDEZ & ASSOCIATES, LLP**  
**PATENT ATTORNEYS**  
**PO BOX D**  
**MENLO PARK, CA 94026-6204**  
**PHONE: (650) 325-4999 FAX: (650) 325-1203**  
**EMAIL: *iploft@iploft.com***

**6. Total Number of applications and patents involved:** ONE

**7. Fee Calculation**  
Assignment Recordation Fee \$40.00  
**Total Fees (37 CFR 3.41):** \$40.00  X  Enclosed  
\_\_\_\_\_ Authorized to be charged to Deposit Account

**8. Deposit Account Number:**  
In case Applicant inadvertently miscalculated any required fee, the Commissioner is hereby authorized to charge the necessary additional amount associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

**9. Statement and signature:**  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

\_\_\_\_\_  
**DENNIS S. FERNANDEZ, ESQ**

Date: 11/07/01

01/14/2002 WABDELRI 00000031 10039526  
03 FC:581 40.00 DP

**PATENT**  
**REEL: 012465 FRAME: 0020**

## ASSIGNMENT

Whereas, I, YU-HWA LO having agreed to assign the below identified invention to NOVA CRYSTALS, INC. ("NOVA CRYSTALS"), a DELAWARE corporation having its principal place of business at 174 COMPONENT DRIVE, SAN JOSE, CA 95131 for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign, and transfer unto NOVA CRYSTALS, its successors and assigns, the entire right, title, and interest, including the right of priority in, to and under an application for Letters Patents of the United States entitled:

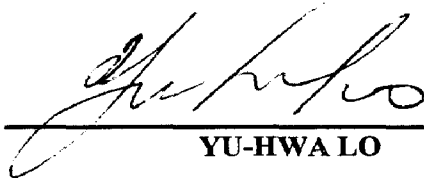
### **Broadly Tunable Distributed Bragg Reflector Structure Processing**

  X   filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: \_\_\_\_\_, filed on \_\_\_\_\_ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, we agree promptly upon request of NOVA CRYSTALS, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional, or reissue, or other papers which may be necessary or desirable fully to secure to NOVA CRYSTALS, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent.

Inventor's Signature: \_\_\_\_\_

  
YU-HWA LO

Date: 10/30/01