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Docket No.: **BEAR-P002**

2-23-01

101633379

RECORDATION COVER SHEET FOR ASSIGNMENT

JC821 U.S. PTO 09/792220 02/23/01

The Assistant 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

1. **Name of conveying party:** **Execution Date:**
   Inventor (s): **HILL, MARC E.** **2/23/2001**
   KING, JONATHAN P. **2/23/2001**
   WU, HUI **2/23/2001**
   Serial No: (Not yet assigned) Group Art Unit: (Not yet assigned)
   Filed: 2/23/2001 Examiner: (Not yet assigned)

2. **Name and Address of**
   Receiving party: **BIG BEAR NETWORKS, INC.**
   1591 McCARTHY BLVD
   MILPITAS, CA 95035

3. **Nature of Conveyance**: Assignment

4. **Patent Application(s) / Patent Number(s):** (not yet assigned)
   New Patent Application Entitled:
   "TRI-ELECTRODE TRAVELING WAVE OPTICAL MODULATORS AND METHODS"

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.

Date: 2/23/2001

PETER C. SU
Reg. No. 43,939

40.00 OP

PATENT
REEL: 011565 FRAME: 0876

ASSIGNMENT

Whereas, We, **MARC E. HILL, JONATHAN P. KING, AND HUI WU,** having agreed to assign the below identified invention to **BIG BEAR NETWORKS, INC. ("BIG BEAR"),** a **DELAWARE** corporation having its principal place of business at **1591 McCARTHY BLVD., MILPITAS, CA 95035** for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign, and transfer unto **BIG BEAR**, 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:

TRI-ELECTRODE TRAVELING WAVE OPTICAL MODULATORS AND METHODS

__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 **BIG BEAR**, 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 **BIG BEAR**, 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: _____ Date: 23 Feb 2001
MARC E. HILL

Inventor's Signature: _____ Date: 23 Feb 2001
JONATHAN P. KING

Inventor's Signature: _____ Date: 02/23/2001
HUI WU