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TO THE ASSISTANT COMMISSIONER FOR

documents or copy thereof.

1. Name of conveying party:

Mingcui Cao

Additional name(s) of conveying party(ies) attached?  
( ) Yes (X) No

2. Name and address of receiving party:

Name: Huazhong University of Science & Technology  
Street Address: 1037# Luo Yu Way  
City: Wuhan State: People's Republic of China  
ZIP: 430074

Additional name(s) of receiving party(ies) attached?  
( ) Yes (X) No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

Execution Date: April 22, 2002

4. Application number(s) or Patent number(s):

( ) Application(s) filed herewith Execution Date(s):

Patent Application No.: 09/686,525  
Filing Date: October 11, 2000

( ) Patent No.:  
Issue Date:

Additional numbers attached? ( ) Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John M. Carson  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
Customer No. 20,995  
Internal Address: Fourteenth Floor  
Street Address: 2040 Main Street  
City: Irvine State: CA ZIP: 92614  
Attorney's Docket No.: CSPTAL5.001AUS

7. Total fee (37 CFR 1.21(h)): \$40

Enclosed

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

John M. Carson  
Name of Person Signing

Signature

Date

8/14/03

34,303  
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Total number of pages including cover sheet, attachments and document: 2

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Application No.: 09/686,525  
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PATENT  
Client Code: CSPTAL5.001AUS  
Page 1

### ASSIGNMENT

WHEREAS, I, Mingcui Cao, a People's Republic of China citizen, residing at Huazhong University of Science & Technology, National Laboratory of Laser Technology, 1037# Luo Yu Way, Wuhan 430074, People's Republic of China, have invented certain new and useful improvements in a **ROUTING OPTICAL MATRIX SWITCHING METHOD AND DEVICE** for which I have filed an application for Letters Patent in the United States, 09/686,525;


AND WHEREAS, Huazhong University of Science & Technology (hereinafter "ASSIGNEE"), a Corporation, with its principal place of business at 1037# Luo Yu Way, Wuhan 430074, People's Republic of China, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in light of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Date: April 22, 2002

Signature: \_\_\_\_\_

  
Mingcui Cao

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