

05-23-2006

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Xinhua GU
Yuzuru Uehara
Donald J. Harter

2. Name and address of receiving party(ies):

IMRA America, Inc.
1044 Woodridge Avenue
Ann Arbor, MI 48105Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: July 10, 2003, July 10, 2003 and July 14, 2003

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
10/606,829

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):

\$40.00

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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.

Richard C. Turner

Reg. No. 29,710

September 23, 2003

Date

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PATENT
REEL: 017905 FRAME: 0688

Docket No. A8583
For U.S. Clients

Assignment

Whereas, I/We, Xinhua GU, of 5611 Versailles Ave., Ann Arbor, MI 48103, Yuzuru Uehara, of 3119 Fairhaven Court, Ann Arbor, MI 48105 and Donald J. Harter of 3535 Sulgrave Place, Ann Arbor, MI 48105, respectively, hereinafter called assignor(s), have invented certain improvements in HIGH POWER FIBER CHIRPED PULSE AMPLIFICATION UTILIZING TELECOM-TYPE COMPONENTS and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, IMRA America, Inc., 1044 Woodridge Ave., Ann Arbor, MI 48105 (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number Not yet assigned and Confirmation number Not yet assigned, filed June 27, 2003) the application number and filing date of said application when known.

Date: 07/10/2003 [Signature]
s/Xinhua GU
Date: 7/10/2003 [Signature]
s/Yuzuru Uehara
Date: 7/14/2003 [Signature]
s/Donald J. Harter

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)