

10-01-2003



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Form PTO-1595 R
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)

Mail Stop Assignment
Recordation Services
Director of the US Patent and
Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies): 9-29-03

Xiao-Mei Zhao, (September 19, 2003)
Ramakrishna Ravikiran, (September 19, 2003)
Phillip S. Neal, (September 19, 2003)
Robert A. Shick, (September 19, 2003)
James E. Watson, (August 28, 2003)
Thomas M. Kafka, (August 27, 2003)
Davy Chum, and (August 25, 2003)
Raymond P. Johnston (September 4, 2003)

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

2. Name and address of receiving party(ies)

Name: PROMERUS LLC
a Delaware limited liability corporation

Street Address:

9921 Brecksville Road

City: Brecksville

State: OH Zip: 44141-3289

Additional name(s) & address(es) attached: Yes No

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Dates: See above (Box 1)

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

A. Patent Application No.: 09/916,463 filed July 27, 2001 | B. Patent No.(s): _____

Additional numbers attached? Yes No

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

Name: James P. Zeller
MARSHALL, GERSTEIN & BORUN LLP

Client/Matter No.: 29900/37538

Street Address:

6300 Sears Tower
233 S. Wacker Drive

City: Chicago State: IL Zip: 60606-6357

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed
 Authorized to be charged to deposit account
 Authorized to be charged to credit card
(Form 2038 enclosed)

8. Deposit account number:

13-2855
(Attach duplicate copy of this page if paying by deposit account)

10/01/2003 BYTME 00000147 09916463

01 FC:8021

40.00 BP

DO NOT USE THIS SPACE

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.

Michael Muczynski - 48,642
Name of Person Signing

Michael Muczynski
Signature

September 24, 2003
Date

Total number of pages including cover sheet, attachments, and documents: 6

RECORDATION FORM COVER SHEET
(continued)

Additional Conveying Party(ies) (1. Continued):

Additional Assignees (2. Continued):

Assignee Name: 3M INNOVATIVE PROPERTIES COMPANY
a Delaware corporation

Street Address: P.O. Box 33427

City: St. Paul State: MN Zip Code: 55133-3427

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:

Additional Patent Numbers
4B. Continued:

Additional numbers attached?

Yes

No

ASSIGNMENT

Serial No: 09/916,463
Filed: July 27, 2001
Title: Optical Waveguides and Methods for Making the Same

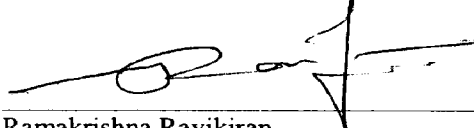
For ten dollars (\$10.00), and good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to, Promerus, LLC, a Delaware limited liability corporation, having its principal place of business at 9921 Brecksville Road, Brecksville, Ohio 44141 and 3M Innovative Properties Company, a wholly-owned subsidiary of 3M Company and a corporation of Delaware, having its principal place of business at P.O. Box 33427, St. Paul, Minnesota 55133-3427 (hereinafter "assignees"), their successors and assigns, the entire undivided right, title and interest in the invention or improvements of the undersigned disclosed in the above-identified application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignees.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignees, their successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignees, their successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignees, their successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignees, their successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignees, their successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignees, their successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS my hand this 19th day of September, 2003



Ramakrishna Ravikiran

State of _____ }
 } SS
County of _____ }

On this _____ day of _____, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Ramakrishna Ravikiran, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: _____

Notary Public

WITNESS my hand this 19th day of September 2003

Phillip S. Neal
Phillip S. Neal

State of _____ }
County of _____ } SS

On this _____ day of _____, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Phillip S. Neal, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: _____

Notary Public

WITNESS my hand this 28th day of August, 2003

[Signature]
James E. Watson

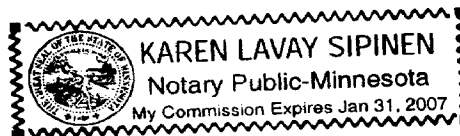
State of Minnesota }
County of Ramsey } SS

On this 28th day of August, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared James E. Watson, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: 1/31/2007

[Signature]
Notary Public



WITNESS my hand this 27 day of August, 2003

[Signature]
Thomas M. Kafka

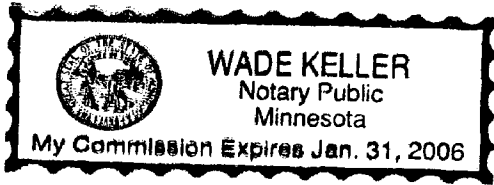
State of Minnesota }
County of Hennepin } SS

On this 27th day of August, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Thomas M. Kafka, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given

My Commission Expires: 1/31/06

[Signature]
Notary Public



WITNESS my hand this 25 day of Aug, 2003

Davy Chum
Davy Chum

State of MN
County of WASHINGTON

}
} SS
}

On this 25 day of Aug, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Davy Chum, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: 1-31-05

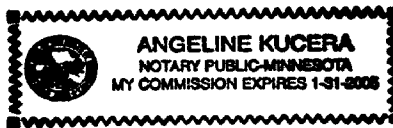
Kathleen Marie Bossen
Notary Public



WITNESS my hand this 4th day of September, 2003

Raymond P. Johnston
Raymond P. Johnston

State of Minnesota)
County of Ramsey) SS



On this 4th day of Sept., 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Raymond P. Johnston, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: 1-31-2005

Angeline Kucera
Notary Public