

0124/00

03-14-2000

cket No. 14940-10-1

FORM PTO-1595 (Rev. 6-93) Recordation (Pa)



Department of Commerce and Trademark Office

To the Honorable Asst. Commissioner for Patents, Please Record.

101287902

ereof

1. Name of conveying party(ies): Suzanne Wakelin; Matthew W. Derstine; and James S. Wong
Additional name(s) of conveying parties attached?
 Yes No

RECEIVED
2100 JAN 24 AM 10:08
OPR/FINANCE

2. Name and address of receiving party(ies)
Name: OPTICAL NETWORKS, INC.
Internal Address:
Street Address: 166-Baypointe Parkway
City: San Jose State: CA ZIP: 95134

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:
Execution Date: Suzanne Wakelin - December 28, 1999; Matthew W. Derstine - December 15, 1999; and James S. Wong - January 10, 2000

Additional names and addresses attached?
 Yes No

4. Application Number(s) or Patent Numbers.
If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No(s): 09/432,293 B. Patent No(s):
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: David N. Slone
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(650) 326-2400

6. Total number of applications and patents involved 1
7. Total fee (37 CFR 3.41): \$40.00
 Enclosed Charge Fees to Deposit Account
 Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.
8. Deposit account number: 20-1430

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.
David N. Slone David Slone
Name of Person Signing Signature
Atty Reg. No.28,572 Total number of pages including cover sheet, attachments and document 7
Date January 20, 2000

10. Change Correspondence Address to that of Part 5? Yes No

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover to:
Do not detach this portion
Asst. Commissioner for Patents
Box: Assignments
Washington, D.C. 20231

03/13/2000 VBROWN 00000165 201430 09432293

40.00 CH

PATENT

REEL: 010599 FRAME: 0129

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **SUZANNE WAKELIN** of 2635 Miller Avenue #2, Mountain View, California 94040; **MATTHEW W. DERSTINE** of 1480 Chukar Court, Sunnyvale, California 94087; and **JAMES S. WONG** of 1901 Rock Street, Apt. #106, Mountain View, California 94043, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **MICROLENS ARRAY WITH SPATIALLY VARYING
OPTICAL PROPERTY**

Filing Date: November 2, 1999

Application No.: 09/432,293; and

WHEREAS, **OPTICAL NETWORKS, INC.**, 166 Baypointe Parkway, San Jose, CA 95134, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Signature of Inventor 1:

Date: 12/28/17



SUZANNE WAKELIN

Signature of Inventor 2:

Date: _____

MATTHEW W. DERSTINE

Signature of Inventor 3:

Date: _____

JAMES S. WONG

PA 3039402 v1

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **SUZANNE WAKELIN** of 2635 Miller Avenue #2, Mountain View, California 94040; **MATTHEW W. DERSTINE** of 1480 Chukar Court, Sunnyvale, California 94087; and **JAMES S. WONG** of 1901 Rock Street, Apt. #106, Mountain View, California 94043, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **MICROLENS ARRAY WITH SPATIALLY VARYING
OPTICAL PROPERTY**

Filing Date: November 2, 1999

Application No.: 09/432,293; and

WHEREAS, **OPTICAL NETWORKS, INC.**, 166 Baypointe Parkway, San Jose, CA 95134, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

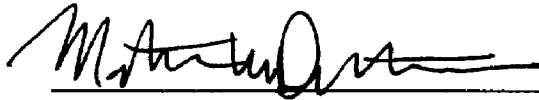
Signature of Inventor 1:

Date: _____

SUZANNE WAKELIN

Signature of Inventor 2:

Date: Dec 15, 1999



MATTHEW W. DERSTINE

Signature of Inventor 3:

Date: _____

JAMES S. WONG

PA 3039402 v1

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **SUZANNE WAKELIN** of 2635 Miller Avenue #2, Mountain View, California 94040; **MATTHEW W. DERSTINE** of 1480 Chukar Court, Sunnyvale, California 94087; and **JAMES S. WONG** of 1901 Rock Street, Apt. #106, Mountain View, California 94043, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: MICROLENS ARRAY WITH SPATIALLY VARYING
 OPTICAL PROPERTY

Filing Date: November 2, 1999

Application No.: 09/432,293; and

WHEREAS, **OPTICAL NETWORKS, INC.**, 166 Baypointe Parkway, San Jose, CA 95134, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Signature of Inventor 1:

Date: _____

SUZANNE WAKELIN

Signature of Inventor 2:

Date: _____

MATTHEW W. DERSTINE

Signature of Inventor 3:

Date: 1/10/2000



JAMES S. WONG

PA 3039402 v1