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To the Honorable Director of Patent

al documents or copy thereof.



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ITO, Eiichi
FUJITA, Tomohiro
MINAKUCHI, Tadashi
ARIMOTO, Akira
IIMA, Mitsunori
OBARA, Yoshimi
TSUKAMOTO, Shinji
NAKANISHI, Ryoichi



Name: _____ address of receiving party(ies)

Name: PENTAX Corporation

Internal Address: _____

Street Address: 36-9, Maenochi 2-chome,

Itabashi-ku, Tokyo, JAPAN

City: _____ State: _____ ZIP: _____

Additional name(s) and address(es) attached? Yes No

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: January 7, 7, 7, 7, 7, 7, 7 and 13, 2004

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)
10/701,625

B. Patent No.(s)

Additional numbers attached: Yes No

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

Name: Bruce H. Bernstein

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City: Reston State: VA ZIP: 20191

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

8. Deposit account number:

19-0089

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

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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.

Bruce H. Bernstein, Reg. No. 29,027
Name of Person Signing

[Signature] Reg No 33329
Signature

2/27/04
Date

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office, Mail Stop Assignments
PO Box 1450 Alexandria, Virginia 22313-1450

03/02/2004 ECOOPER 0000092 10701625

01 FC:8021

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ASSIGNMENT

WHEREAS, **Masahiro FUSHIMI**, a citizen of Japan, whose post office address is c/o PENTAX Corporation, 36-9, Maenochō 2-chōme, Itabashi-ku, Tokyo, Japan, **Eiichi ITO**, a citizen of Japan, whose post office address is c/o PENTAX Corporation, 36-9, Maenochō 2-chōme, Itabashi-ku, Tokyo, Japan, **Tomohiro FUJITA**, a citizen of Japan, whose post office address is c/o PENTAX Corporation, 36-9, Maenochō 2-chōme, Itabashi-ku, Tokyo, Japan, **Tadashi MINAKUCHI**, a citizen of Japan, whose post office address is c/o PENTAX Corporation, 36-9, Maenochō 2-chōme, Itabashi-ku, Tokyo, Japan, **Akira ARIMOTO**, a citizen of Japan, whose post office address is c/o PENTAX Corporation, 36-9, Maenochō 2-chōme, Itabashi-ku, Tokyo, Japan, **Mitsunori IIMA**, a citizen of Japan, whose post office address is c/o PENTAX Corporation, 36-9, Maenochō 2-chōme, Itabashi-ku, Tokyo, Japan, **Yoshimi OBARA**, a citizen of Japan, whose post office address is c/o PENTAX Corporation, 36-9, Maenochō 2-chōme, Itabashi-ku, Tokyo, Japan, **Shinji TSUKAMOTO**, a citizen of Japan, whose post office address is c/o PENTAX Corporation, 36-9, Maenochō 2-chōme, Itabashi-ku, Tokyo, Japan, and **Ryoichi NAKANISHI**, a citizen of Japan, whose post office address is c/o PENTAX Corporation, 36-9, Maenochō 2-chōme, Itabashi-ku, Tokyo, Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

OPTICAL COMMUNICATION DEVICE

for which they have jointly executed an application for Letters Patent for the United States which was filed in the United States Patent and Trademark Office on November 6, 2003.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043 and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. 10/701,625, filed 11/06/2003) the filing date and application number of said application when known.

AND WHEREAS, **PENTAX Corporation**, a corporation organized and existing under the laws of Japan, whose post-office address is 36-9, Maenochō 2-chōme, Itabashi-ku, Tokyo, Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS

hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS on the respective dates indicated below.

Masahiro Fushimi Jan. 7. 2004
Masahiro FUSHIMI Date

Eiichi Ito Jan. 7. 2004
Eiichi ITO Date

Tomohiro FUJITA Jan. 7. 2004
Tomohiro FUJITA Date

Tadashi Minakuchi Jan. 7. 2004
Tadashi MINAKUCHI Date

Akira Arimoto Jan 7. 2004
Akira ARIMOTO Date

Mitsunori Iima Jan 7. 2004
Mitsunori IIMA Date

Yoshimi Obara Jan 7. 2004
Yoshimi OBARA Date

Shinji Tsukamoto Jan 7. 2004
Shinji TSUKAMOTO Date

Ryoichi Nakanishi Jan 13 2004
Ryoichi NAKANISHI Date