

4-11-03

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RE



U.S. DEPARTMENT OF COMMERCE

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102425397

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

1. Name of conveying party:

Keiji Mine, Hiroshi Nakagawa and Takeshi Isoda

Additional names attached

Yes No

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

Hosiden Corporation
4-33, Kitakyuhoji 1-chome, Yao-shi
Osaka, Japan

3. Nature of Conveyance:

Assignment Change of Name
 Other:

Execution Date: 3-27-03

Additional name(s) & address(es)

Yes No

4. Application Number or Patent Number

If this document is being filed together with a new application, the execution date of the application is: 3-27-03

Application Number

10411778

Patent Number

If checked, additional numbers are attached

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

David N. Lathrop, Esquire
GALLAGHER & LATHROP
A Professional Corporation
601 California Street, Suite 1111
San Francisco, CA 94108-2805

6. Total Number of applications and patents involved: 1

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

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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 or the original document.

David N. Lathrop

Name

Signature

April 11, 2003

Date

Total # pages including cover sheet:

3

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

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Rev. 01/01

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40.00 DP

Atty. File No.: KPO167

PATENT
REEL: 013968 FRAME: 0384

ASSIGNMENT

I am an inventor of a new invention entitled

"OPTICAL PART FOR TWO-WAY OPTICAL COMMUNICATION"

by Keiji MINE, Hiroshi NAKAGAWA and Takeshi ISODA, such invention being described in and identified by

- the patent application filed herewith and executed on March 27, 2003.
- United States application Serial Number _____ filed on _____.
- international application number _____ filed under the Patent Cooperation treaty on _____.

HOSIDEN CORPORATION, whose address is 4-33, Kitakyuhoji 1-chome, Yao-shi, Osaka, Japan, hereinafter referred to as ASSIGNEE, is desirous of acquiring my entire right, title and interest in and to said application and said invention, in and to any and all improvements relating to said invention, and in and to each and every Patent thereon, when granted in the United States.

For good and valuable consideration, the receipt of which is acknowledged:

1. I sell, assign, transfer and convey unto ASSIGNEE, my entire right, title and interest:
 - (a) in and to said invention and application, any and all improvements relating to said invention and application, and each and every additional application filed in the United States of America, which additional application is a division, substitution, continuation or continuation-in-part of, is based on or claims priority of said application, or which additional application relates to said invention and improvements;
 - (b) all priority rights associated with the filing of each and every such application, and
 - (c) in and to each and every Patent on said invention and improvements that may be granted, including each and every Patent that may be granted on any of the applications referred to in sub-section (a), and in and to each and every reissue, re-examination or extension of each and every such Patent.
2. I warrant, covenant and represent the fact that I have not heretofore granted any license, right or privilege in the United States of America with respect to said invention or said application to any other, or in any other way encumbered the same, and that I have the full right to sell, assign, transfer and convey, free of all licenses and encumbrances, the entire interest hereby assigned.

Docket: KPO167

- 1 -

Initials: _____

3. I covenant that, at the request and expense of ASSIGNEE, I will promptly execute all papers necessary or desirable to perfect ownership of said invention, applications and said each and every Patent to ASSIGNEE, and execute all oaths, declarations and other papers necessary or desirable for prosecuting said applications, for use in interference proceedings involving said invention, applications and each and every Patent, for use in opposition proceedings involving said invention, applications and each and every Patent, for refiling said applications, for filing of divisional, substitution, continuation or continuation-in-part applications deemed necessary or desirable by ASSIGNEE, for reissuance or re-examination of said each and every Patent. I further covenant and agree that, at the expense and request of ASSIGNEE, I will promptly assist ASSIGNEE in interference and opposition proceedings involving said invention, applications and each and every Patent, and in litigation involving said invention, applications and each and every Patent, and will assist in the ascertainment of facts and the production of evidence relating to said invention, applications and each and every Patent.

4. The terms, covenants and provisions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon me, my heirs, legal representatives and assigns.

Keiji MINE, a resident of Osaka, Japan

Keiji Mine
Signature

March 27, 2003
Date

Hiroshi NAKAGAWA, a resident of Kyoto, Japan

Hiroshi Nakagawa
Signature

March 27, 2003
Date

Takeshi ISODA, a resident of Osaka, Japan

Takeshi Isoda
Signature

March 27, 2003
Date

Docket: KPO167

- 2 -

Initials: _____