



To the Director of the U.S. Patent a.

102043818

ached original documents or copy thereof.

1. Name of conveying party(ies):

Masanori Goto
Tohru Kineri

30 22-02

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

TDK Corporation
1-13-1, Nihonbashi,
Chuo-ku, Tokyo, 103-8272 Japan

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

A Japanese corporation

Additional name(s) & addresses attached? Yes No

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other: _____

Execution Date: March 6, 2002

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 March 6, 2002

A. Patent Application No.(s)

10,104594

B. Patent No.(s)

Additional numbers attached Yes No

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

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Attorney Docket No. 165987

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: 50-0573

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9. 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.

Gregory J. Lavorgna
Name of Person Signing

[Signature]
Signature

March 22, 2002
Date

Total number of pages including cover sheet, attachments, and document: 3

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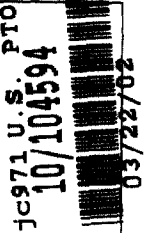
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A S S I G N M E N T

WHEREAS, we,

Masanori Goto, a citizen of Japan, c/o TDK Corporation, 1-13-1,
Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan

Tohru Kineri, a citizen of Japan, c/o TDK Corporation, 1-13-1,
Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan

have invented certain new and useful improvements in

OPTICAL WAVEGUIDE MODULE-MOUNTED PACKAGE

for which we have on March 6, 2002 executed an application for
United States Letters Patent; and

WHEREAS, TDK Corporation, a Japanese Corporation,
located at 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan
(hereinafter called the "Assignee"), is desirous of acquiring the entire right,
title and interest in and to said application and the inventions and
improvements therein disclosed so far as the United States of America is
concerned.

NOW, THEREFORE, in good and valuable consideration paid to us by
said Assignee, receipt whereof is hereby acknowledged, we do hereby assign,
sell, transfer and set over unto said Assignee the entire right, title and
interest in and to said application and the inventions and improvements
therein disclosed for the United States and any Letters Patent which may
issue therefor in the United States and all divisions, re-issues, continuations,
renewals and/or extensions thereof, said Assignee to have and to hold the
interests herein assigned to the full ends of the terms of said Letters Patent
and any and all divisions, re-issues, continuations, renewals and/or
extensions thereof, respectively, a fully and entirely as the same would have
been held and enjoyed by us had this Assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue
such Letters Patent in accordance herewith. We covenant that we are the
lawful owners of the said application, and of the right to make, use or sell the
inventions and improvements disclosed therein within the United States and
that we have the full right to make this Assignment.

And for the consideration aforesaid, we agree that we will communicate to said Assignee or the representatives thereof any facts known to us respecting the inventions and improvements of the said United States application and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, re-issue, continuation, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said Assignee or by counsel for said Assignee, to assist or enable said Assignee to obtain and enforce full benefits from the rights and interest herein assigned. This Assignment shall be binding upon our heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said Assignee.

Executed at Tokyo,

this 6th day of March, 2002

Masanori Goto

Masanori Goto

Executed at Tokyo,

this 6th day of March, 2002

Tohru Kineri

Tohru Kineri