

01-26-1999



PAT

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

1. Name of conveying party(ies):

Shinji Iwatsuka and Kenjiro Hata

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

TDK Corporation  
13-1, Nihonbashi 1-chome  
Chu-ku, Tokyo Japan

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Additional name(s) & addresses attached? ☐ Yes ☒ No

Execution Date: June 22, 1998

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):

09/060,956

B. Patent No.(s)

Additional numbers attached ☐ Yes ☒ No

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

Gregory J. Lavorgna  
Seidel, Gonda, Lavorgna & Monaco, P.C.  
1800 Two Penn Center Plaza  
Philadelphia, PA 19102

Attorney Docket No. 2196-255

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 No. 19-1135

8. Deposit Account Number: 19-1135

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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.

DANIEL A. MONACO

Name of Person Signing

[Signature]  
Signature

6-30-98  
Date

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PATENT  
REEL: 9708 FRAME: 0202

A S S I G N M E N T

WHEREAS, we,

Shinji Iwatsuka, a citizen of Japan, Rumierusuzuki 1-goushaku,  
265, Aza-Ishiwaki, Ishiwaki, Honjo-shi, Akita-  
ken, Japan

Kenjiro Hata, a citizen of Japan, c/o 1-303, TDK Shinmachi-  
shataku, 147-1, Aza-Shin-machi, Hirasawa, Nikaho-  
machi, Yuri-gun, Akita-ken, Japan

have invented certain new and useful improvements in

COMPOSITE OPTICAL ELEMENT, OPTICAL ISOLATOR, OPTICAL CIRCULATOR,  
OPTICAL SWITCH AND PROCESSES FOR PRODUCING THEM  
for which we have on \_\_\_\_\_ executed an application for  
United States Letters Patent; and

WHEREAS, TDK Corporation, a Japanese Corporation,  
located at

13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo, 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 Akita

this 22nd day of June, 1998

Shinji Iwatsuka

Shinji Iwatsuka

Executed at Akita,

this 22nd day of June, 1998

Kenjiro Hata

Kenjiro Hata