

11/17/03

11-19-2003



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Form PTO-1595 (Rev. 10/02) R
OMB No. 0651-0027 (exp. 6/30/2005)
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1. Name of conveying party(ies):
Shigenori Aoki
Kishio Yokouchi
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Fujitsu Limited
Address: 1-1 Kamikodanaka 4-chome
Nakahara-ku, Kawasaki-shi
Kanagawa, 211-8588
JAPAN
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: November 3, 2003 and
November 6, 2003.

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) 10/330,785
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 Schnapf
Sheppard, Mullin, Richter & Internal Address: Hampton LLP
Street Address: 333 S. Hope Street
48th Floor
Los Angeles
City: State: CA Zip: 90071-1406

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41).....\$ 40.00
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9. Signature.
David Schnapf
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PATENT
REEL: 014695 FRAME: 0382

ASSIGNMENT

WHEREAS, **Shigenori Aoki** of 752 Devonshire Way, Sunnyvale, CA 94087 and **Kishio Yokouchi** of 6283 Squire dell Dr., San Jose, CA 95129, Assignors, have invented a new and useful "**VARIABLE OPTICAL ATTENUATOR**" for which an application for United States Letters Patent, application Serial No.10/330,785, filed December 26, 2002, has been or will be executed by us; and

WHEREAS, Assignors believe themselves to be the original and joint inventors of the invention disclosed in the application for Letters Patent; and

WHEREAS, **Fujitsu Limited**, a Japanese corporation, having a place of business at 1-1 Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588, Japan, Assignee, desires to acquire by formal assignment the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world, including the right to file foreign applications directly in the name of Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, they and their legal representatives and assign will perform all lawful acts, including the execution of papers and the giving of testimony, that might be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for the invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to the invention, the application, and any Letters Patent granted for the invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted by this Assignment.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the

invention, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in the invention.

FIRST JOINT INVENTOR:

Date: 11/03/2003



Shigenori Aoki

SECOND JOINT INVENTOR:

Date: 11/06/2003



Kishio Yokouchi