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2004 MAY -3 AM 9: 47



Docket No: 112740-728

FINANCE SECTION

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Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)

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Execution Date(s): 12-16-03

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City: Munich State: Germany Zip: 80333

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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)

USSN 10/247,410 filed 9-18-02

B. Patent No.(s)

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

William E. Vaughan Bell, Boyd & Lloyd LLC P.O. Box 1135 Chicago, Illinois 60690-1135

6. Total number of applications and patents involved: 1

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

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William E. Vaughan (Reg. No. 39,056)

Name of Person Signing

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Signature

April 29, 2004

Date

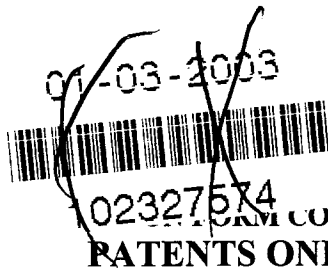
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Form **PTO-1595**
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)

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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: _____

<p>A. Patent Application No.(s) <u>USSN 10/244,410 filed 9-18-02</u></p>	<p>B. Patent No.(s)</p>
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Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>William E. Vaughan Bell, Boyd & Lloyd LLC P.O. Box 1135 Chicago, Illinois 60690-1135</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41).....\$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p>
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<p><u>William E. Vaughan (Reg. No. 39,056)</u> Name of Person Signing</p>	 Signature	<p><u>December 16, 2002</u> Date</p>
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FOR a valuable consideration, the undersigned,

residing at **LUTZ RAPP**
Jaegerstr. 16
82041 Deisenhofen
Germany

hereby sell, assign and transfer unto Siemens Aktiengesellschaft, Wittelsbacherplatz 2, 80333 Muenchen, Germany, a German corporation, the whole right, title and interest in and to a certain invention or improvement in

CIRCUIT AND METHOD FOR SAFETY SHUTDOWN OF AN OPTICAL AMPLIFIER

disclosed in an application for Letters Patent of the United States, prepared by the firm of Bell, Boyd & Lloyd of Chicago, Illinois, filed in the United States Patent and Trademark Office on **September 18, 2002**, as U.S. Serial No. **10/244,410**, said application being identified in the office records of said firm as Case No. **112740-728**, and in our own records as Case No. **2001P16500US**, and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

I hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said Siemens Aktiengesellschaft, Wittelsbacherplatz 2, 80333 Muenchen, Germany.

For the same consideration, I hereby agree that I will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

DATE: 11/20/2002

Lutz Rapp
LUTZ RAPP

WITNESSES:

Richard Neuhäuser
Thomas Langenfelder

NEUHAUSER RICHARD
LANGENFELDER THOMAS

ASSIGNMENT

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DATE: December 16, 2003 Lutz Rapp
LUTZ RAPP

WITNESSES:
T. Langenfelder (T. Langenfelder)
S. Speth (S. Speth)