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04-19-2002

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Hon. Commissioner of Patents & Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- 4-15-02
- 1) Mathias BISCHOFF
 - 2) Joachim CHARZINSKI
 - 3) Dominic Axel SCHUPKE
 - 4) Bernd STILLING

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

3. Nature of conveyance:

- [X] Assignment [] Merger
- [] Change of Name [] Other
- [] Security Agreement

Execution Date: 1) 4-9-02; 2) 4-9-02; 3) 4-9-02; 4) 4-8-02.

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

Name:
SIEMENS Aktiengesellschaft

Street Address:
Wittelsbacherplatz 2
80333 München, Germany

4. Application number(s) or patent (numbers):

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

A. Patent Application No(s).

10/036,401

B. Patent No(s).

Additional numbers attached? [] Yes [X] No

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

Customer No. 000466
YOUNG & THOMPSON
Second Floor
745 South 23rd Street
Arlington, VA 22202

6. Total number of applications and patents involved:

1

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

- [] Enclosed
- [X] Authorized to be charged to deposit account

8. Deposit Account No. 25-0120

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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 of the original document.

Benoît Castel

Name of Person Signing

Signature

April 15, 2002

Date

Total number of pages including cover sheet: 141

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PATENT
REEL: 012794 FRAME: 0471

4001-1003

ASSIGNMENT

WHEREAS,

Mathias BISCHOFFJoachim CHARZINSKIDominic Axel SCHUPKEBernd STILLING

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in
**DEVICE AND METHOD FOR RESTORING CONNECTIONS IN AUTOMATICALLY SWITCHABLE
OPTICAL NETWORKS**

for which an application for a United States patent was filed on

7 JANUARY 2002, Application No. 10/036,401, and

WHEREAS, SIEMENS Aktiengesellschaft,

whose address is Wittelsbacherplatz 2, 80333 München, Germany,

hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the same,

NOW, THEREFORE, for good and valuable consideration, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefore in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).

Witnesses:

Franz Huthner___________________________________

Inventors:

Mathias Bischoff 9.4.02
(Signature) Mathias BISCHOFF (Date)

(Signature) Joachim CHARZINSKI (Date)

(Signature) Dominic Axel SCHUPKE (Date)

(Signature) Bernd STILLING (Date)

GESAMT SEITEN 05

ASSIGNMENT

Mathias BISCHOFF
Joachim CHARZINSKI
Dominic Axel SCHUPKE
Bernd STILLING

8.50/11 8.4.2004
(Signature) **Samir STILLING** (Date)

PATENT
REEL: 012794 FRAME: 0473

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Witnesses:

Inventors:

(Signature) Mathias BISCHOFF (Date)(Signature) Joachim CHARZINSKI (Date)(Signature) Dominic Axel SCHUPKE (Date)(Signature) Bernd STILLING (Date)

GESAMT SEITEN 06

NOTARY

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