

PTO

Attorney's Docket No. S1022/8518

01-04-2001

RECORI



ET

09/622523

FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)

MPO 12.7.00

101571242

DEPT. OF COMMERCE Patent and Trademark Office

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

1. Name of conveying party(ies):

Mikael Isaksson, Daniel Bengtsson, Frank, Sjöberg, Per Ödling, Rickard Nilsson, Gunnar Bahlenberg, Magnus Johansson, Lennart Olsson, and Göran Ökvist

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

3. Nature of conveyance:

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

Execution Date: October 2, 2000, October 6, 2000 and October 9, 2000

2. Name and address of receiving party(ies)

Name: STMicroelectronics NV

Internal Address:

Street Address: World Trade Center, Strawinskylaan 1725 1077 XX Amsterdam The Netherlands

Additional name(s) & addresses(es) attached? [ ] Yes [X] No

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)

09/622,523

09/622 523

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

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

Name: James H. Morris Address: WOLF, GREENFIELD & SACKS, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210

12/11/2000 ERIMAND0 0000026 09622523

02

40.00

6. Total number of applications and patents involved: [1]

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

[X] Enclosed

[ ] Authorized to be charged to deposit account

The Commissioner is authorized to charge:

8. Deposit Account No: 23/2825

DO NOT USE THIS SPACE

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.

James H. Morris

Name of Person Signing

Signature

December 5, 2000

Date

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 011387 FRAME: 0061

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- |                             |                              |
|-----------------------------|------------------------------|
| (1) <u>ISAKSSON Mikael</u>  | (6) <u>BAHLENBERG Gunnar</u> |
| (2) <u>BENGTSSON Daniel</u> | (7) <u>JOHANSSON Magnus</u>  |
| (3) <u>SJOBERG Frank</u>    | (8) <u>OLSSON Lennart</u>    |
| (4) <u>ODLING Per</u>       | (9) <u>OKVIST Göran</u>      |
| (5) <u>NILSSON Rickard</u>  | (10) _____                   |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

STMicroelectronics NV  
World Trade Center, Strawinskylaan 1725  
1077 XX AMSTERDAM  
THE NETHERLANDS

its successors and assign (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

IMPROVEMENTS IN, OR RELATING TO, VDSL

(a) for which an application for United States Letters Patent was filed on 18 AUGUST 2000, and identified by United States Serial N° 09/622,523; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

- INVENTORS
- 1) ISAKSSON Mikael  
Name: \_\_\_\_\_
- 2) BENGTSSON Daniel  
Name: \_\_\_\_\_
- 3) SJOBERG Frank  
Name: \_\_\_\_\_

DATE SIGNED

*Mikael Isaksson 2000-10-02*

*Daniel Bengtsson 2000-10-02*


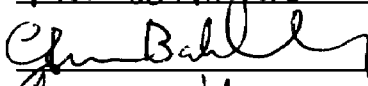
*Frank Sjöberg 2000-10-02*

.../...

INVENTORS

DATE SIGNED

- 4) ÖDLING Per  
Name :
- 5) NILSSON Rickard  
Name :
- 6) BAHLENBERG Gunnar  
Name :
- 7) JOHANSSON Magnus  
Name :
- 8) OLSSON Lennart  
Name :
- 9) ÖKVIST Göran  
Name :

 2000-10-09  
Rickard Nilsson 2000-10-02  
 2000-10-02  
Magnus Johansson 2000-10-02  
Lennart Olsson 2000-10-02  
2000-10-02 