

03-02-2005

DEPT. OF COMMERCE
Patent and Trademark Office

RECORDATION
PATENT & TRADEMARK OFFICE
PATE



102950651

To the Director of the U.S. Patent and Trademark Office: Please record the attached document and address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Emmanuelle Vigier-Blanc (11/04/2004),
Jonathan Hurwitz (11/04/2004), and
Ewan Findlay (11/09/2004)

Execution Date(s): in parentheses after inventor name

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: STMicroelectronics S.A.

Internal Address: _____

Street Address: _____

STMicroelectronics S.A.
29, Boulevard Romain Rolland
92120 Montrouge
FRANCE

City: _____

State: _____

Country: _____ Zip: _____

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

4. Application or patent number(s):

A. Patent Application No.(s)
10/968457

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Andre M. Szuwalski
JENKENS & GILCHRIST, A
PROFESSIONAL CORPORATION

Internal Address: Atty. Dkt.: 61170-00046USPX
Street Address: 1445 Ross Avenue, Suite 3200

CUSTOMER NO. 23932

City: Dallas

State: TX Zip: 75202

Phone Number: (214) 855-4795

Fax Number: (214) 855-4300

Email Address: aszuwalski@jenkens.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____
Authorized User Name _____

9. Signature:

Signature

February 22, 2005

Date

Andre M. Szuwalski - 35,701
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS MISSING PARTS, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: February 22, 2005

Signature: (Margo Barbarash)

DALLAS2 1092381v1 61170-00046USPX

PATENT
REEL: 016300 FRAME: 0072

02/28/2005 HMEKONEN 00000011 10968457

40.00 DP

05 FC:8021

0/Ref 136712848 US ST Ref. 03-ERG 150
4/Ref. 61170-46USPX
CUSTOMER NO. 23932

PATENT APPLICATION
Docket No. 61170-46USPX

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Emmanuelle Vigier-Blanc; Jonathan Hurwitz; and Ewan Findlay (hereinafter referred to as Assignors), residing at Le Mollard, 38700 Le Sappey En Chartruese, FRANCE; 47 Spylaw Street, EDINBURGH EH13 OJT, UNITED KINGDOM; and 12 Halketts Hall, Limekilns, Dunfermline, KY11 3HJ ST. EDINBURGH, UNITED KINGDOM, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in OPTICAL DEVICE FOR OPTICAL SEMICONDUCTOR PACKAGE AND FABRICATION METHOD, set forth in a Patent application for Letters Patent of the United States, already filed on October 19, 2004 as U.S. Application No. 10/968,457; and

WHEREAS, STMicroelectronics S.A., a organized under and pursuant to the laws of France having its principal place of business at STMicroelectronics S.A., 29, Boulevard Romain Rolland, 13790 Montrouge, FRANCE (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or

terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.


AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

JENKENS & GILCHRIST, A PROFESSIONAL CORPORATION

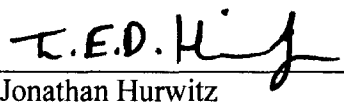
All practitioners at Customer Number 23932

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

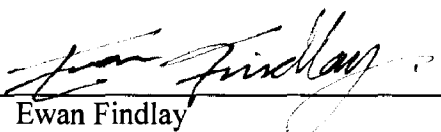
Date: november 4, 2004

Signature: Emmanuelle Vigier-Blanc 
Emmanuelle Vigier-Blanc

Date: 4/11/04

Signature: J.E.D. Hurwitz 
Jonathan Hurwitz

Date: 9/11/2004

Signature: Ewan Findlay 
Ewan Findlay