

1-31-92

To the Honorable Commissioner of



01-17-2002



101950813

2 SHEET

DEPT. OF COMMERCE

Patent & Trademark Office

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Robert HENDERSON

Stewart Gresty SMITH

Jonathan Ephriam David HURWITZ

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

Name: STMicroelectronics Limited

Address: Planar House, Parkway, Globe Park, Marlow

Buckinghamshire SL7 1YL, United Kingdom

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: 1) 9/21/01; 2-3) 9/24/01

Additional name(s) and address(s) 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)

09/932,822

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: Christopher F. Regan, Esq.

Internal Address: Allen, Dyer,

Doppelt, Milbrath & Gilchrist, P.A.

Street Address: 255 S. Orange Ave.

P.O. Box 3791

City: Orlando

State: Florida Zip: 32802

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.

8. Deposit Account Number:

01-0484

If any additional extension and/or fee is required, or, if any additional fee for claims is required.

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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.

01/16/2002 TDIAZ1 00000139 09932822

MICHAEL W. TAYLOR

40.00 OP

Michael W. Taylor

November 13, 2001

Name of Person Signing

Signature

Date

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

99ED20152606

PATENT REEL: 012461 FRAME: 0070

A S S I G N M E N T

WHEREAS, **Robert HENDERSON** of Edinburgh, United Kingdom, and **Stewart Gresty SMITH** of Edinburgh, United Kingdom, and **Jonathan Ephriam David HURWITZ** of Edinburgh, United Kingdom; hereinafter referred to as **ASSIGNORS**, has made certain improvements or inventions in **MODIFICATION OF COLUMN FIXED**

PATTERN NOISE IN SOLID STATE IMAGE SENSORS, for which **ASSIGNORS** has executed an application for United States Letters Patent filed on August 17, 2001, in the United States Patent and Trademark Office and assigned Serial No. 09/932,822; and

WHEREAS, **STMicroelectronics Ltd.**, a United Kingdom company, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNORS** does hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNORS** does hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNORS** for said consideration hereby covenant and agree that said **ASSIGNORS** is the owner of the full

title herein conveyed and have the right to convey the same, and agree that said **ASSIGNORS** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

IN WITNESS WHEREOF I have hereunto set my hand on the date indicated below.


21.9.01
Date


Robert HENDERSON

24/9/01
Date


Stewart Gresty SMITH

24/9/2001
Date


Jonathan Ephriam David HURWITZ