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Patent & Trademark Office

To the Honorable Commissioner of Patents and Trademark

ments or copy thereof.

102749804

1. Name of conveying party(ies): Fabio PISONI 5.17.04

2. Name and address of receiving party(ies): Name: STMicroelectronics Belgium NV Address: Excelsiorlaan 44-46 B-1930 Zaventem, Belgium

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: February 13, 2004

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) B. Patent No.(s)

10/746,851

05/18/2004 TBESHAH1 00000047 10746851

Additional numbers attached? ()Yes (X)No

05 FC:8021

40.00 DP

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

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

Name: Christopher F. Regan, Esq.

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

Internal Address: Allen, Dyer,

[X] Enclosed

Doppelt, Milbrath & Gilchrist, P.A.

[] Authorized to be charged to deposit account.

Street Address: 255 S. Orange Ave.

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8. Deposit Account Number:

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01-0484

State: Florida Zip: 32802

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.

MICHAEL W. TAYLOR

Michael W. Taylor Signature

May 13, 2004

Name of Person Signing

Date

Total number of pages including cover sheet, attachments and document: [3] 02ZA21854498

SENT US

A S S I G N M E N T

WHEREAS, **Fabio PISONI** of Busto Garolfo (MI), Italy, hereinafter referred to as **ASSIGNOR**, has made certain improvements or inventions in **FRACTIONAL FOURIER TRANSFORM CONVOLVER ARRANGEMENT**, for which **ASSIGNOR** has executed an application for United States Letters Patent filed on December 24, 2003, in the United States Patent and Trademark Office and assigned Serial No. 10/746,851; and

WHEREAS, **STMicroelectronics Belgium NV**, a Belgium corporation, 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 **ASSIGNOR** 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 **ASSIGNOR** 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 **ASSIGNOR** for said consideration hereby covenant and agrees that said **ASSIGNOR** is the owner of the full

title herein conveyed and have the right to convey the same, and agrees that said **ASSIGNOR** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNOR** 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 we have hereunto set our hands on the date indicated below.

13 February 2004
Date



Fabio PISONI