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U.S. DEPT. OF COMMERCE

Patent & Trademark Office

To the Honorable Commissioner of Patents and Tr

101210341

Final documents or copy thereof.

1. Name of conveying party(ies):

Danilo PAU

Roberto SANNINO

Andrea CAPASSO

Pasqualina FRAGNETO

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

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

Name: STMicroelectronics S.r.l.

Address: Via C. Olivetti, 2

20041 Agrate Brianza, Italy

3. Nature of Conveyance:

(X) Assignment () Merger

() Security Agreement () Change of Name

() Other

Execution Date: 1.) October 18, 1999; 2) November 8, 1999; 3) November 15, 1999

4.) October 20, 1999

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)

09/390,554

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.

Paul J. Ditmyer
Name of Person Signing

Paul J. Ditmyer
Signature

November 19, 1999
Date

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

PATENT
REEL: 010394 FRAME: 0886

A S S I G N M E N T

WHEREAS, Danilo PAU of Sesto San Giovanni, Italy, and Roberto SANNINO of Romano Lombardo, Italy, and Andrea CAPASSO of Bari, Italy, and Pasqualina FRAGNETO of Vitulano, Italy; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **METHOD AND SCALABLE ARCHITECTURE FOR PARALLEL CALCULATION OF THE DCT OF BLOCKS OF PIXELS OF**

DIFFERENT SIZES AND COMPRESSION THROUGH FRACTAL CODING, for which **ASSIGNORS** have executed an application for United States Letters Patent filed on September 3, 1999 in the United States Patent and Trademark Office, and assigned Serial No. 09/390,554; and

WHEREAS, **STMicroelectronics S.r.l.**, an Italian 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 **ASSIGNORS** do 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** do 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** are the owners 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 we have hereunto set our hands on the date indicated below.

18/10/99
Date

Daniilo Pau
DANILO PAU

8/11/99
Date

Roberto Sannino
ROBERTO SANNINO

15/11/99
Date

Andrea Capasso
ANDREA CAPASSO

20/10/99
Date

Pasqualina Fragneto
PASQUALINA FRAGNETO