

06-15-2000

SHEET NO. 523 P. 2/8

Patent & Trademark Office

To the Honorable Commissioner of Patents and

ginal documents or copy thereof.

101354075

1. Name of conveying party(ies):

Danilo PAU

Roberta BRUNI

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

Name: STMicroelectronics S.r.l.

Address: Via C. Olivetti, 2

20041 Agrate Brianza, Italy

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

3. Nature of Conveyance:

(X) Assignment

( ) Merger

( ) Security Agreement

( ) Change of Name

(X) Other Corrected Cover Sheet to Correct 2nd Assignor's Name at Reel 9604, Frame 0308

Execution Date: November 6, 1998

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)

09/195,800

B. Patent No.(s)

Additional numbers attached? ( ) Yes (X) No

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

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

Name: Michael W. Taylor

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

Internal Address: Allen, Dyer,

(X) Enclosed

Doppelt, Milbrath & Gilchrist, P.A.

(X) Authorized to be charged to deposit account.

Street Address: 255 S. Orange Ave.

P.O. Box 3791

8. Deposit Account Number:

City: Orlando

01-0484

State: Florida Zip: 32802

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

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.

Michael W. Taylor

Name of Person Signing

Michael W. Taylor  
Signature

April 5, 2000  
Date

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

PATENT  
REEL: 010699 FRAME: 0440

JUN. 8. 2000 3:34PM

1-31-92 1149-98

12-07-1998

P. SHEET NO. 523 P. 6/8

Patent & Trademark Office

To the Honorable Commissioner of Pat.

100911889

ached original documents or copy thereof.

1. Name of conveying party(ies):

Danilo PAU

Roberta BRUNO BRUNI

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

Name: STMicroelectronics S.r.l.

Address: Via C. Olivetti, 2

20041 Agrate Brianza, Italy

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: November 6, 1998

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)

Additional numbers attached? ( ) Yes (X) No

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

Name: Michael W. Taylor

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.

11/27/1998 DNEUYEN 00000120 09195800

DO NOT USE THIS SPACE

01 FC:581

40.00 OP

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

Name of Person Signing

Michael W. Taylor

Signature

November 19, 1998

Date

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

PATENT  
REEL: 010699 FRAME: 0441

10549 U.S. PTO  
09/195800  
11/19/98

A S S I G N M E N T

WHEREAS, Danilo PAU of Sesto San Giovanni, Italy, and Roberta BRUNI of Seregno, Italy; hereinafter referred to as ASSIGNORS, have made certain improvements or inventions in ADAPTIVE TREE-SEARCH VECTOR QUANTIZATION IN MPEG2 HPMML DECODER, for which ASSIGNORS have executed an application for United States Letters Patent filed herewith in the United States Patent and Trademark Office; 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.

6/6/98  
Date

Daniilo Pau  
DANILO/PAU

6 November 1998  
Date

Roberta Bruni  
ROBERTA BRUNI