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Patent & Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Pl

s or copy thereof.

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1. Name of conveying party(ies):

Luca FONTANELLA

Giovanni FRATINI

Giorgio PEDRAZZINI

Giulio RICOTTI

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: December 22, 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: January 14, 2000

A. Patent application No.(s)

09/441,148

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

Signature

February 9, 2000

Date

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

A S S I G N M E N T

WHEREAS, Luca FONTANELLA, of Venezia, Italy, and Giovanni FRATTINI of Travaco, Italy, and Giorgio PEDRAZZINI of Pavia, Italy, and Giulio RICOTTI of Broni, Italy; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **A DRIVER CIRCUIT FOR CONTROLLING A PIEZOELECTRIC ACTUATOR IN CHARGE MODE**, for which **ASSIGNORS** have executed an application for United States Letters Patent filed on November 12, 1999 in the United States Patent and Trademark Office and assigned serial number 09/441,148; 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.

22/12/1999

Date

Luca Fontanella
Luca FONTANELLA22/12/1999

Date

Giovanni Frattini
Giovanni FRATTINI23/12/1999

Date

Giorgio Pedrazzini
Giorgio PEDRAZZINI23/12/1999

Date

Giulio Ricotti
Giulio RICOTTI