

11-28-2001

Express Mail No. EL755716871US

FORM PTO-1595  
(Rev. 6-93)



COVER SHEET U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101902044 ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Names of conveying parties:  
 1) FABIO PASOLINI  
 2) ERNESTO LASALANDRA  
 3) PAOLO BENDISCIOLI  
 4) CHARLES G. HERNDEN  
 5) \_\_\_\_\_  
 6) \_\_\_\_\_

Additional names of conveying parties attached? 11/19/01 Yes  No

2. Name and address of receiving party:  
 Name: STMICROELECTRONICS S.R.L.  
 Internal Address: \_\_\_\_\_  
 \_\_\_\_\_  
 Street Address: VIA C. OLIVETTI, 2  
 \_\_\_\_\_  
 Postal Code & City: I-20041 AGRATE BRIANZA  
 Country ITALY

Additional names & addresses attached?  Yes  No

J11002 U.S. PTO  
09/988990  
11/19/01

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Dates:  
 1) NOVEMBER 5, 2001 4) NOVEMBER 6, 2001  
 2) NOVEMBER 5, 2001 5) \_\_\_\_\_  
 3) NOVEMBER 5, 2001 6) \_\_\_\_\_

4. Application number(s) or registration number(s):  
 If this document is being filed together with a new application,  
 the filing date of the application is NOVEMBER 19, 2001.

A. Patent Application No(s).  
 \_\_\_\_\_  
 Additional numbers attached?  Yes  No

B. Patent No(s).  
 \_\_\_\_\_  
 Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: Seed Intellectual Property Law Group PLLC  
 Internal Address: MICHAEL J. DONOHUE  
 \_\_\_\_\_  
 Street Address: 701 Fifth Avenue, Suite 6300  
 City: Seattle State: WA ZIP: 98104-7092

6. Total number of applications and patents involved..... 1

7. Total Fee (37 CFR 3.41): ..... \$40  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
19-1090

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 J. DONOHUE Michael J. Donohue 11-19-01  
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 7

## ASSIGNMENT

WHEREAS, we, Fabio Pasolini, Ernesto Lasalandra, Paolo Bendiscioli and Charles G. Hernden (hereinafter referred to as ASSIGNORS), having mailing addresses of Via De Nicola, 11, 27028 San Martino Siccomario (PV), Italy, Via Bruxelles, 1/A, 20097 San Donato Milanese, Italy, Via Cavagna Sangiuliani, 5, 27100 Pavia, Italy, and 4684 Quail Creek Lane, Boulder, Colorado 80301, U.S.A. respectively, are the joint inventors of an invention entitled "NOISE COMPENSATION DEVICE AND METHOD IN A DISCRETE TIME CONTROL SYSTEM," as described and claimed in the specification forming part of an application for United States letters patent executed herewith. This application claims the benefit of Provisional Application No. 60/252,936, filed on November 24, 2000.

WHEREAS, STMicroelectronics S.r.l. (hereinafter referred to as ASSIGNEE), a corporation of the country of Italy having a place of business at Via C. Olivetti, 2, I-20041, Agrate Brianza, Italy, is desirous of acquiring one-half (50%) of the right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

WHEREAS, STMicroelectronics, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the United States having a place of business at 1310 Electronics Drive, Carrollton, Texas 75006, is desirous of acquiring one-half (50%) of the right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all

instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Fabio Pasolini

I certify that I know or have satisfactory evidence that the above person signed this instrument of his own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
Ernesto Lasalandra

I certify that I know or have satisfactory evidence that the above person signed this instrument of his own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Date

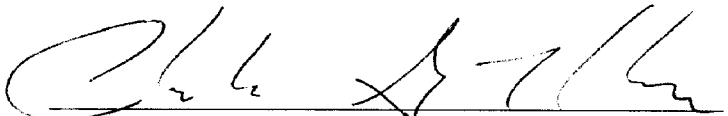
\_\_\_\_\_  
Paolo Bendiscioli

I certify that I know or have satisfactory evidence that the above person signed this instrument of his own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness \_\_\_\_\_

Date: \_\_\_\_\_

11/6/2001  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Charles G. Hernden



EXPRESS MAIL NO. EL755716871US

## ASSIGNMENT

WHEREAS, we, Fabio Pasolini, Ernesto Lasalandra, Paolo Bendiscioli and Charles G. Hernden (hereinafter referred to as ASSIGNORS), having mailing addresses of Via De Nicola, 11, 27028 San Martino Siccomario (PV), Italy, Via Bruxelles, 1/A, 20097 San Donato Milanese, Italy, Via Cavagna Sangiuliani, 5, 27100 Pavia, Italy, and 4684 Quail Creek Lane, Boulder, Colorado 80301, U.S.A. respectively, are the joint inventors of an invention entitled "NOISE COMPENSATION DEVICE AND METHOD IN A DISCRETE TIME CONTROL SYSTEM," as described and claimed in the specification forming part of an application for United States letters patent executed herewith. This application claims the benefit of Provisional Application No. 60/252,936, filed on November 24, 2000.

WHEREAS, STMicroelectronics S.r.l. (hereinafter referred to as ASSIGNEE), a corporation of the country of Italy having a place of business at Via C. Olivetti, 2, I-20041, Agrate Brianza, Italy, is desirous of acquiring one-half (50%) of the right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

WHEREAS, STMicroelectronics, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the United States having a place of business at 1310 Electronics Drive, Carrollton, Texas 75006, is desirous of acquiring one-half (50%) of the right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all

EXPRESS MAIL NO. EL755716871US

instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

5 Nov. 2001  
Date

Fabio Pasolini  
Fabio Pasolini

I certify that I know or have satisfactory evidence that the above person signed this instrument of his own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness Piero G. ...  
Date: 5 NOV. 2001

5 Nov 2001  
Date

Ernesto Lasalandra  
Ernesto Lasalandra

I certify that I know or have satisfactory evidence that the above person signed this instrument of his own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness Ernesto Lasalandra  
Date: 5 NOV 2001

5 Nov 2001  
Date

Paolo Bendiscioli  
Paolo Bendiscioli

I certify that I know or have satisfactory evidence that the above person signed this instrument of his own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness Charles G. Hernden  
Date: 05/11/2001

\_\_\_\_\_ Date

\_\_\_\_\_ Charles G. Hernden

EXPRESS MAIL NO. EL755716871US

State of )  
 ) ss.  
County of )

I certify that I know or have satisfactory evidence that Charles G. Hernden is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated \_\_\_\_\_

Signature of Notary Public \_\_\_\_\_

Printed Name \_\_\_\_\_

My appointment expires \_\_\_\_\_

854063.631/230,830