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To the Honorable Commissioner of Patents and Trademarks 102324130 7-11-02 attached original document or copy thereof.

1. Name(s) of conveying party(ies):
1) LUCA FONTANELLA
2) *082602*
3) *12-27-02*
4)
5)
6)
Additional names of conveying parties attached? 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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Dates:
1) AUGUST 6, 2002 4) _____
2) _____ 5) _____
3) _____ 6) _____

4. Application number(s) or registration number(s):
If this document is being filed together with a new application, the filingdate of the application is _____
A. Patent Application No(s). 10/147,290
B. Patent No(s). _____
Additional numbers attached? Yes No

OFFICE OF PUBLIC RECORDS
2002 AUG 26 AM 10:46
FINANCE SECTION

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Seed Intellectual Property Law Group PLLC
Internal Address: TIMOTHY L. BOLLER

Street Address: 701 Fifth Avenue, Suite 6300
City: Seattle State: WA ZIP: 98104-7092

6. Total number of applications and patents involved.....
7. Total Fee (37 CFR 3.41): \$40
 Enclosed
 Authorized to be charged to deposit account
(Attach duplicate copy of this page if paying by deposit account)
8. Deposit account number:
19-1090

08/28/2002 AAHMED1 00000093 10147290
01 FC:581 40.00 0P

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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.
TIMOTHY L. BOLLER *Timothy L Boller* August 19, 2002
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and document: 4

PATENTS ONLY
Continuation

1. Additional name(s) of conveying party(ies):

2. Additional name(s) and addresses of receiving party(ies):

Hewlett-Packard Company
11413 Chinden Boulevard
Boise, Idaho 83714

3. Execution date(s)

4. A. Additional Patent Application No.(s):

B. Additional Patent No.(s):

ASSIGNMENT

WHEREAS, I, Luca FONTANELLA, (hereinafter referred to as ASSIGNOR), having post office address of Via Cusago di Sotto, 4, 20090 Cusago, Italy, am the inventor of an invention entitled "SWITCHING-TYPE, INDUCTIVE DC-DC CONVERTER WITH IMPROVED EFFICIENCY," as described and claimed in the specification for which an application for United States letters patent was filed on May 15, 2002 and assigned Application No. 10/147,290. This application claims the benefit of European Application No. 01830312.3, filed on May 17, 2001.

WHEREAS, STMicroelectronics S.r.l., a corporation of Italy having a place of business at Via C. Olivetti, 2, I-20041 Agrate Brianza, Italy, and Hewlett-Packard Company, a corporation of the State of Idaho having a place of business at 11413 Chinden Boulevard, Boise, Idaho 83714, (hereinafter referred to as ASSIGNEES), are desirous of acquiring the entire 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, ASSIGNOR hereby sell, assign and transfer unto said ASSIGNEES 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 ASSIGNEES 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 ASSIGNEES and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR 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 letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Luca Fontanella
Luca FONTANELLA

Date: August 6, 2002

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
Ernesto LASALANDRA

Date: August 6, 2002

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Box Assignment, Commissioner of Patents and Trademarks, Washington, DC 20231.

December 20, 2002
Date

Jason Añover

OFFICE OF PUBLIC RECORDS
2002 DEC 27 AM 11:43
FINANCE SECTION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Luca Fontanella
Application No. : 10/147,290
Filed : May 15, 2002
For : SWITCHING-TYPE, INDUCTIVE DC-DC CONVERTER WITH IMPROVED EFFICIENCY

Docket No. : 854063.688
Date : December 20, 2002

Box Assignment
Commissioner of Patents and Trademarks
Washington, DC 20231

REQUEST FOR CORRECTION OF ASSIGNMENT RECORDATION

Commissioner:

Applicant requests the Notice of Recordation of Assignment Document, with respect to the Assignment recorded August 26, 2002, at Reel 013224, Frame 0597, be amended as follows:

There is an error in the second listed assignee's address, which should read:
BOISE, *IDAHO* 83714

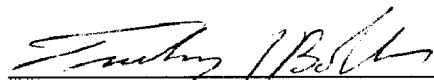
Enclosed is a copy of the Notice of Recordation of Assignment Document with corrections marked. Applicant respectfully requests that this information be corrected and that a

new Recordation of Assignment Document be issued. Applicant believes that, because the error rests with the Patent and Trademark Office, no fee is warranted.

Respectfully submitted,

Luca Fontanella

Seed Intellectual Property Law Group PLLC



Timothy L. Boller

Registration No. 47,435

Enclosures:

Postcard

Copy of Assignment Recordation Form With Corrections

Copy of Previously Recorded Documents

701 Fifth Avenue, Suite 6300
Seattle, Washington 98104-7092
(206) 622-4900
Fax: (206) 682-6031

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UNITED STATES
PATENT AND
TRADEMARK OFFICE

854063-688

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SEED INTELLECTUAL PROPERTY
LAW GROUP LLC

NOVEMBER 06, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

SEED INTELLECTUAL PROPERTY LAW
GROUP PLLC
TIMOTHY L. BOLLER
701 FIFTH AVENUE, SUITE 6300
SEATTLE, WA 98104-7092



102205790A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/26/2002

REEL/FRAME: 013224/0597
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FONTANELLA, LUCA

DOC DATE: 08/06/2002

ASSIGNEE:

STMICROELECTRONICS S.R.L.
VIA C. OLIVETTI, 2
1-20041 AGRATE BRIANZA, ITALY

ASSIGNEE:

HEWLETT-PACKARD COMPANY
11413 CHINDEN BOULEVARD
BOISE, ~~IOWA~~ 83714
IDAHO

SERIAL NUMBER: 10147290

FILING DATE: 05/14/2002

PATENT NUMBER:

ISSUE DATE:

RECORDED: 12/27/2002

PATENT
REEL: 013602 FRAME: 0823