03-01-1999



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

100974859

To the Honorable Commissioner of Patents	a original document or copy thereof.
Names of conveying parties:	Name and address of receiving party:
1) SALVATORE CAPICI	Name: STMICROELECTRONICS S.R.L.o
2) ANGELO D'ARRIGO	
3) FILIPPO MARINO	Internal Address:
4) FRANCESCO PULVIRENTI	s: 60
5) ANTONIO MAGAZZU' 6)	
0)	460 350
Additional names of conveying parties attached?Yes _XNo	C
3. Nature of conveyance:	Street Address: VIA C. OLIVETTI, 2
X Assignment Merger	
Security Agreement Change of Name	
	Postal Code & City: <u>I-20041 AGRATE BRIANZA</u>
Other	Country ITALY
Execution Dates:	Country ITALY
1) FEBRUARY 3, 1999 4) FEBRUARY 3, 1999	Additional names & addresses attached?Yes _XNo
2) <u>FEBRUARY 3, 1999</u> 5) <u>FEBRUARY 3, 1999</u>	
3) <u>FEBRUARY 3, 1999</u> 6)	
4. Application number(s) or registration number(s):	
If this plant was to being file	
the execution date of the ap	ed together with a new application, oplication is FEBRUARY 11, 1999.
A Detect Application Na/a)	D. Dotost No/o)
A. Patent Application No(s).	B. Patent No(s).
Additional numbers attac	hed? Yes X No
Name and address of party to whom correspondence	ce 6. Total number of applications and
concerning document should be mailed:	patents involved1
Name: SEED AND BERRY LLP	
Name. OLLD AND BERKY LEP	
Internal Address: <u>DAVID V. CARLSON</u>	7. Total Fee (37 CFR 3.41):\$40.00
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**PATENT REEL: 9780 FRAME: 0878** 

EXPRESS MAIL NO.

EL251276636US

## **ASSIGNMENT**

P.C.B.

WHEREAS, we, Salvatore CAPICI, Angelo D'ARRIGO, Filippo MARINO, Francesco PULVIRENTI and Antonio MAGAZZU' (hereinafter referred to as ASSIGNORS), having post office addresses of Via Toscana, 93, I-94012 Barrafranca (Enna), Italy; Viale Mario Rapisardi, 198, I-95123 Catania, Italy; Via C. Colombo, 4/C, I-90142 Palermo, Italy; Via Antonio Pacinotti, 15, I-95024 Acireali (Catania), Italy; and Complesso Messina Due, Pal. 6, I-98124 Messina, Italy, respectively, are the joint inventors of an invention entitled "AN ELECTRONIC DEVICE FOR SMOOTHING A CHARGE CURRENT PEAK IN RLC OUTPUT STAGES OF SWITCHING STEP-UP REGULATORS," as described and claimed in the specification forming part of an application for United States letters patent executed herswith claiming priority based on an application filed in Italy identified by Application No. MI98A000290, filed February 17, 1998; and filed with the United States Patent and Trademark Office on

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 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 countries of the world;

NOW, THEREFORE, in consideration of 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 countries of the world, and in any and all divisions, reissues and continuations thereof, including the right to file applications worldwide directly in the name of ASSIGNEE and to claim priority rights deriving from the first filed application to which said worldwide 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 as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had

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PATENT REEL: 9780 FRAME: 0879

ASSIGNORS been the original owners and 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 letters patent in all countries of the world on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Applicants' counsel is authorized to insert the official filing date.

Solve	<u> </u>	Os	<u> </u>
Salvators Car	nici .		
Date: 3	1-5-	999	

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

Witness_					
Date:					
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ungelo D	Arrigo				
Inta-	3	2-14	99		

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

Witness	
Date:	
Flippo Marino	<b>~</b> ⊃
Filippo Marino	
Date: 03-02-11	PPP

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

Witness _		
Date:		
Hr.	Pulvirenti	<u>_</u>
Francesco	Pulvirenti	
Date:	3-2-99	

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

Witness Date:		
1.	5 Mapani	
Antonio Mag	azzú	
Date: 3/	2/1939	

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

Witness	 
Date:	

**PATENT REEL: 9780 FRAME: 0881**