In place of Form PTO-1595

04-21-2003

PATENT 00-ALF-005

RECORI

305-538-7405



PATENTS

To the Honorable Commissioner of Patents and Trademarks: Please record the auached original document(s) or copy thereof:

- 1. Name of conveying party(ies):
- 1) Koen Emiel Jozef APPELTANS
- 2) Christian Bruno Gislain BINARD

2. Name and address of receiving party:

STMICROELECTRONICS NV Strawinskylaan 1725 Tower B - 17th Floor 1070 XX Amsterdam The Netherlands

Additional name(s) & address(es) attached? XXX No Yes

- 3 Nature of conveyance: XX Assignment Execution Date: 1) March 3, 2003 and 2) March 8, 2003
- 4. Application 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):10/325,476

B. Patent No.(s):

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

mailed:

6. Total number of applications and patents involved: _1_

Stephen Bongini Fleit, Kain, Gibbons, Gutman & Bongini P.L. One Boca Commerce Center 551 Northwest 77th Street, Suite 111

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

The Commissioner is hereby authorized to charge the above fee to deposit account no. 50-1556.

DO NOT USE THIS SPACE

8. Statement and signature:

Boca Raton, Florida 33487

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.

Stephen Bongini

Name of Person Signing

Signature

Total number of pages including cover sheet, attachments and document: 2

Mail document(s) to be recorded with required cover sheet information to:

04 8/20 GTONE.

00000109 501556

10325476

01 C:80

40.00 CH

Box Assignments

Commissioner of Patents and Trademarks

Washington, D. C. 20231

PATENT

REEL: 013965 FRAME: 0377

U.S. Rights--Sole or Joint

ASSIGNMENT

name and
address of
assignee

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

STMICROELECTRONICS N.V.

Strawinskylaan 1725 Tower B - 17th Floor 1070 XX Amsterdam The Netherlands

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention	DC/DC CONVERTER		
	as set forth in this U	Jnited States Patent Application	
check one		executed concurrently herewith	
		executed on	
		Serial No. <u>10/325,476</u> Filed <u>December 18, 2002</u>	

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith:

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FLEIT, KAIN, GIBBONS, GUTMAN & BONGINI P.L., the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAME AND SIGNATURE OF INVENTOR(S)

Name:Koen Emiel Jozef APPELTANS	Signature: Koen APIELTANS	Date: March, 3th 2003
Name:Christian Bruno Gislain BINARD	Signature: BINERD	Date: March, Sthace

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

Docket No. 01-ALF-005 **RECORDED: 04/16/2003** PATENT REEL: 013965 FRAME: 0378