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## **ASSIGNMENT**

WHEREAS, we, Mauro PAGLIATO, Paolo ROLANDI, Giorgio ODDONE and Marco FONTANA (hereinafter referred to as ASSIGNORS), having mailing addresses of Via Don Guanella, 28, 20021 Bollate, Italy; Via G. Parini, 1, 27058 Voghera, Italy; Via Roma, 68/13, 16010 Rossiglione, Italy; and Via Collegno, 19, 20158 Milano, Italy; respectively, are the joint inventors of an invention entitled "HIGH-EFFICIENCY POWER CHARGE PUMP SUPPLYING HIGH DC OUTPUT CURRENTS," as described and claimed in the specification for which an application for United States letters patent was filed on June 3, 2002 and assigned Application No. 10/162,135. This application claims the benefit of Italian Patent Application No. TO2001A000537, filed on June 5, 2001.

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 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 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 REEL: 013425 FRAME: 0017 patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

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.

Date: September 27, 2002

Paolo ROLANDI

Date: September 27, 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.

Date: September 27, 2002

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Date: September 27, 2002
ve satisfactory evidence that the above person signed voluntary act for the uses and purposes mentioned in
Witness Marco Toutsuca  Marco FONTANA  Date: September 27, 2002
Marco FONTANA  Date: September 27, 2002

this instrument of his own free will, as a voluntary act for the uses and purposes mentioned in

Giorgio ODDONE

I certify that I know or have satisfactory evidence that the above person signed

Witness Paolo ROLANDI

Date: September 27, 2002

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PATENT REEL: 013425 FRAME: 0019

the instrument.