FORM PTO-1595

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04-21-2000

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patent.	.ed original document or copy thereof.
Name(s) of conveying party(ies):	Name and address of receiving party:
1) PETER HEINRICH 2) 3) 4) 5)	Name: STMICROELECTRONICS GmbH Internal Address:
6) Additional names of conveying parties attached?Yes _XNo	
Nature of conveyance: X Assignment	Street Address: <u>BRETONISCHER RING 4</u>
Security Agreement Change of Name	Postal Code & City: <u>D-85630 GRASBRUNN</u>
Other Execution Dates:	Country GERMANY
1) 14 FEBRUARY 2000 4) 5) 6) 6)	Additional names & addresses attached?Yes _XNo
4. Application number(s) or registration number(s):	
A. Patent Application No(s). 09/431,681	te of the application is B. Patent No(s).
	thed? Yes <u>X</u> No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved1
Name: SEED INTELLECTUAL PROPERTY LAW GROUP PLE	LC.
Internal Address: E. RUSSELL TARLETON	7. Total Fee (37 CFR 3.41):\$40
	_X_Enclosed
Street Address: 701 FIFTH AVENUE, SUITE 6300	Authorized to be charged to deposit account
City: <u>SEATTLE</u> State: <u>WA</u> ZIP: <u>98104-7092</u>	8. Deposit account number:
000 DCDATES 00000108 09431681	19-1090
81 (40.60 UP) DO NOT L	JSE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing true copy of the original document.	ing information is true and correct and any attached copy is a
E. RUSSELL TARLETON E Russell Name of Person Signing Sign	el Julito 3/22/00
	nature Dáte pet, attachments, and document:3

OMB No. 0651-0011 (exp 4/94) U:\KristineO\ERT\857063\451\0001-assigncover.doc - Docket No. 857063.451

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ASSIGNMENT

WHEREAS, I, Peter Heinrich (hereinafter referred to as ASSIGNOR), having a post office address of Schillerstrasse 23a, 83024 Rosenheim, Germany, am the sole inventor of an invention entitled "LINE ERROR CHECKING CIRCUIT FOR AN ELECTRIC DATA TRANSMISSION SYSTEM," as described and claimed in the specification for which an application for United States letters patent was filed on November 1, 1999 and assigned Application No. 09/431,681, claiming priority based on German Application No. 198 50 672.4, filed November 3, 1998;

WHEREAS, STMicroelectronics GmbH (hereinafter referred to as ASSIGNEE), a corporation of Germany having a place of business at Bretonischer Ring 4, D-85630 Grasbrunn, Germany, 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, ASSIGNOR hereby sells, assigns and transfers 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 ASSIGNOR had ASSIGNOR been the original owner and this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the

PATENT REEL: 010706 FRAME: 0691 requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees 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.

Date: 54 02 3000

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 <u>C. Doctamy</u>

Date: <u>14.62.2000</u>

U:\e\857063.451\Revised Assignment

RECORDED: 03/22/2000

PATENT REEL: 010706 FRAME: 0692