

U.S. DEPARTMENT OF COMMERCE

		101	Patent and Trademark Office				
	To t	To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.					
ļ	4 1	Name of conveying party: 1) WILLIAM BRYAN BARNES 2) 3) 4)	Name and address of receiving party:				
- 1		1) WILLIAM BRYAN BARNES PU	Name: STMICROELECTRONICS LIMITED				
Ì		3) 41,5219 1	Internal Address:				
- {	4	4) 5)					
}		5) 5)					
	Addi	tional names of conveying parties attached?YesNo					
Ì		Nature of conveyance: X Assignment Merger Security Agreement Change of Name	Street Address: 1000 AZTEC WEST				
{	-						
}	_		ALMONDSBURY				
	_	Other	Postal Code & City: BRISTOL BS32 4SQ				
1	į	Execution Dates:	Country <u>UNITED KINGDOM</u>				
	2	1) JULY 7, 1999 4)	Additional names & addresses attached?Yes _XNo				
}	1	Application number(s) or registration 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). 09/304,209	B. Patent No(s).				
67	96./1 0	99 HLE111 00000001 09304209					
- {	FC:58		ed? 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				
	1	Name: SEED AND BERRY LLP					
1	!	nternal Address: <u>DAVID V. CARLSON</u>	7. Total Fee (37 CFR 3.41): <u>\$40</u>				
	_	6300 COLUMBIA CENTER	X Enclosed				
	5	Street Address: 701 FIFTH AVENUE	Authorized to be charged to deposit account				
	(City: <u>SEATTLE</u> State: <u>WA</u> ZIP: <u>98104-7092</u>	Deposit account number:				
			19-1090				
-		DO NOT USE	THIS SPACE				
	7	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.					
	The July 9 199 Date						
		Total number of pages including cover sheet,	attachments, and document:3				

OMB No. 0651-0011 (exp 4/94) C:\STM\858063\437\1595 - Docket No. 858063.437

ASSIGNMENT

WHEREAS, I, William Bryan Barnes (hereinafter referred to as ASSIGNOR), having a post office address of 17 Saxon Way, Bradley Stoke, Bristol BS32 9AR, am the sole inventor of an invention entitled "CURRENT MIRRORS," as described and claimed in the specification for which an application for United States letters patent was filed on April 29, 1999 and assigned Application No. 09/304,209, claiming priority based on United Kingdom Application No. GB9809438.6, filed May 1, 1998.

WHEREAS, STMicroelectronics Limited (hereinafter referred to as ASSIGNEE), a corporation of the United Kingdom having a place of business at 1000 Aztec West, Almondsbury, Bristol BS32 4SQ, United Kingdom, 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 ASSIGNOR hereby authorizes and requests the Commissioner of Patents and made. 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

> PATENT REEL: 010112 FRAME: 0296

invention, for litigation regarding letters	patent, or for the	purpose of protecting	title to s	aid
invention or letters patent therefor.				

Warnes							
WILLIAM BRYAN BARNES							
Date: 702 July	1999						

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	 		
D /			
Date:			

DVC:jab1