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Conveying Part	y(ies)	Mark if additiona	al names of conveying p	arties attached
Name (line 1)	Shimizu, D.			Execution Date Month Day Year
Name (line 2)				11/9/99
Second Party Name (line 1)	Jones, Andrew			Execution Date Month Day Year
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Name (line 2)				11/9/99
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Receiving Party Name (line 1) Name (line 2) Address (line 1)	STMicroelectronics, Inc 1310 Electronics Drive Carrollton		75006-503	rties attached If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative attached. (Designation must be a separate document from Assignment)
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		Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT		
Correspondent N	Name and Address	Area Code and Telephone Number	(719) 448-5909		
Name (line 1)	William J. Kubida, E	sq.			
Address (line 1)	Hogan & Hartson LL	Р			
Address (line 2)	1200 17 th Street, Suit	e 1500			
Address (line 3)	Denver, CO 80202				
Address (line 4)					
	Enter the total number of p locument including any at	ages of the attached conveyance # tachments	2		
Application Num	ber(s) or Patent Numbe	er(s) Mark if addition	al numbers attached		
	ent Application Number or the Patent Application Number(s)	Patent Number (DO NOT ENTER BOTH numb	ers for the same property). Patent Number(s)		
09/411,453					
If this document is application was si	s being filed together with a <u>n</u> gned by the first named exec	ew Patent Application, enter the date the patent suting inventor.	Month Day Year		
Patent Cooper	ation Treaty (PCT)				
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Method of paym Deposit Account		closed 🛛 Deposit Account 🗌			
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 50-1123					
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Cinternant	Signatura	Authorization to charge additional fees:	Yes No		
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. Charges to deposit account are authorized, as indicated herein.					
Kent Le	embke, 44,866	Nort Julke	7/31/00		
Name of	f Person Signing	Signature	Date		

PATENT ASSIGNMENT

WHEREAS, we, D. SHIMIZU and ANDREW JONES, the first having a correspondence address of 1651 Alma Street, Palo Alto, California 94301 and the second having an address of 6 Edgecumbe Road, Redland, Bristol, United Kingdom, respectivley, have invented new and useful improvements in a HYBRID COHERENCY PROTOCOL which was filed in the U.S. Patent and Trademark Office on October 1, 1999, as Serial No. 09/411,453;

WHEREAS, STMICROELECTRONICS, INC. with it's principal offices at 1310 Electronics Drive, Carrellton, TX 75006, is desirous of acquiring our entire right, title and interest in said application and my Letters Patent which may issue thereon:

NOW, THEREFORE, be it known by all whom it may concern that for good and valuable consideration the receipt of which is hereby acknowledged, I hereby assign to said corporation, both in and for the territory of the United States of America and the entire world our entire right, title and interest in and to said invention, patent application and any patent which may issue thereon, including all priority rights for patent applications foreign to the United States of America.

I HEREBY covenant and agree that we will at any time, upon the request and at the expense of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, applications and patents, and we authorize the Commissioner of Patents and Trademarks to issue Letters Patent to said corporation.

IN TESTIMONY WHEREOF, we execute this assignment on the $\frac{q^{+}}{2}$ day of November 1999.

SHIMIZU

ANDREW JONES

Please return recorded assignment to:

Lisa K. Jorgenson STMicroelectronics, Inc. 1310 Electronics Drive MS2346 Carrollton, TX 75006

> PATENT REEL: 011020 FRAME: 0375

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

D. Shimizu, Andrew Jones

Serial No. 09/411,453

Filed: Herewith

For: HYBRID COHERENCY PROTOCOL

Group Art Unit:

Examiner: _____

CERTIFICATE OF MAILING BY EXPRESS MAIL

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The undersigned hereby certifies that the following documents:

- 1. Recordation Form Cover Sheet PTO 1595 with Executed Assignment and Recording Fee
- 2. Return postcard
- 3. Certificate of Mailing By Express Mail

relating to the above application, were deposited as "Express Mail", Mailing Label No. EL698945675US, with the United States Postal Service, addressed to The Assistant Commissioner for Patents, Washington, D.C., 20231, July 31, 2000.

/_./-

Date

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Mailer

Kent A. Lembke Reg. No. 44,866 HOGAN & HARTSON LLP One Tabor Center 1200 17th Street, Suite 1500 Denver, Colorado 80202 (720) 406-5378 Tel (303) 899-7333 Fax

PATENT ASSIGNMENT

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IN TESTIMONY WHEREOF, we execute this assignment on the ____ day of _____, 1999.

D. SHIMIZU

DREW JONES

Please return recorded assignment to:

Lisa K. Jorgenson STMicroelectronics, Inc. 1310 Electronics Drive MS2346 Carrollton, TX 75006

RECORDED: 07/31/2000