(REV 6-93)	100962060	U.S. DEPARTMENT OF COMMERCI Patent and Trademark Office
	ATTORNEY DOCKET NO. S	AMS01-00055
To the Honorable Commissioner of Patents and	d Trademarks. Please record the attached origin	
 Name of conveying party(ies): Mark D. Redman 	MRO2. Name and address ofI - 2699Name:Internal Address:	of receiving party(ies): Samsung Electronics Co., Ltd. 416. Maetan-dong, Paldal-gu Suwon-city, Kyungki-do
Additional name(s) of conveying party(ies) a Yes No 3. Nature of conveyance:	Post Office Address:	Republic of Korea
Assignment Merger Security Agreement Change of Other	Additional name(s) &	address(es) attached? 🗖 Yes 🛛 No
 Application number(s) or patent number(s If this document is being filed with a number A. Patent Application No.(s) 	ew application, the execution date of the applic B. Patent No.(s)	
Addi 703/1959 SDAvig Subbulg US238003 5. Name and address of party to whom corres		No plications and patents involved: 1
reconserving document should be mailed up	· · · · · · · · · · · · · · · · · · ·	
Name: William A. Munck, Ésq. Internal Address: Novakov Davis, P.C. 2000 St. Paul Place	Peet Any deficiencie	
750 North St. Paul Str Dallas, Texas 75201-32		
750 North St. Paul Str	8. Deposit account nu	
750 North St. Paul Str Dallas, Texas 75201-32	8. Deposit account nu Attach duplicate co	mber: 50-0208

PATENT REEL: 9744 FRAME: 0145

ASSIGNMENT

WHEREAS, I, Mark D. Redman, a citizen of the United States of America and resident of Chandler, Maricopa County, Arizona, have invented certain new and useful improvements in a "TDM BUS SYNCHRONIZATION CIRCUIT AND PROTOCOL AND METHOD OF OPERATION" disclosed in an application for United States Letters Patent (Application No. ______, filed ______), filed concurrently herewith;

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; I authorize William A. Munck or John T. Mockler of Novakov & Davis P.C. to insert in the parenthesis above the application number and filing date of said application when known; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

> PATENT REEL: 9744 FRAME: 0146

IN WITNESS WHEREOF, I have hereunto set my hand and seal this $\frac{18311}{18}$ day of - FE Mary, 1998. 1999,

ack P. Kalana

Mark D. Redman

STATE OF ARIZONA

COUNTY OF MAJUCOPA

1999

On this $\underline{18}$ day of $\underline{50}$, $\underline{1998}$, before me, a Notary Public in and for the State and County aforesaid, personally appeared Mark D. Redman, known by me to be the person of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

§ §

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(Adami E Colomian

Notary Public, State of Arizona

My Commission Expires:

Sept 192001



PATENT REEL: 9744 FRAME: 0147

RECORDED: 01/26/1999