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OMB No. 0651-0027 (exp. 6/30/2005) Attorney Docket No.: 100628.56320US 103022213 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) Name of conveying party(ies): Ronald Bonshaw Koo Michael David Petersen Maxim Integrated Products, Inc. Additional name(s) of conveying party(ies) attached?

Yes
No 120 San Gabriel Drive Sunnyvale, California 94086 3. Nature of Conveyance: Assignment ☐ Merger Security Agreement ☐ Change of Name Other: Additional name(s) & address(es) attached? yes Execution Date: 06/07/2005; 06/07/2005 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 06/07/2005 06/07/2005 B. Patent No(s). A. Patent Application No.(s) Additional numbers attached? __ Yes _X No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document s ould be mailed: 7. Total Fee (37 CFR 3.41): \$ 40.00 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 05-1323 **Crowell & Moring LLP** ☐ Authorized to be charged to Deposit Account Intellectual Property Group P.O. Box 14300 Washington, D.C. 20044-4300 Deposit Account No. (Attach dupl. copy of this page if paying by Deposit Account) DO NOT USE THIS SPACE 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.

June 10, 2005 Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: 4

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PATENT REEL: 016682 FRAME: 0920

Attorney Docket No.: 100628.56320US

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

Maxim Integrated Products, Inc. 120 San Gabriel Drive Sunnyvale, California 94086

(hereinafter ASSIGNEE) all right, title and interest in and to his invention relating to:

SYSTEM AND METHOD FOR VIDEO TRANSMISSION LINE FAULT DETECTION

in any form or embodiment thereof, in the United States and all other countries, including applications for patents in all countries throughout the world and through the Patent Cooperation Treaty and/or European Patent Convention, as set forth in his United States Patent Application (check one):

executed concurrently herewith,	
executed on,	
Serial No, filed	
PCT International Application, No.:	, filed,

including any and all applications claiming priority to said applications, divisions or continuations thereof and in and to any and all Letters Patent of the United States and all other countries which may issue on any such application or for said invention, including any and all reissues or extensions thereof, and all rights under the International Convention for the Protection of Industrial Property, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the issuing authority to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States or other countries for said invention;

Each of the undersigned hereby grants the firm of CROWELL & MORING, L.L.P., or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

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Ronald	Bonshaw	Koo
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frenk P	Buch B For	7 June 2005
(Signature of witness (optional)	(Signature of 1 st inventor)	(Date)
	Michael David Petersen	
(Signature of witness (optional)	(Signature of 2 nd inventor)	(Date)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

(Signature of witness (optional)

(Date)

	Ronald Bonshaw Koo	
(Signature of witness (optional)	(Signature of 1st inventor)	(Date)
	Michael David Petersen	1 /2 /2
	What labor total	6/7/2005

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(Signature of 2nd inventor)

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