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06-12-2006

J.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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To the Honorable Assistant Commissioner for P		ached origina	1 docume			.40		
1. Name of conveying party(ies): Christof Ballweg				and address of reco		48 U.X	9090	
•		[]	Internal A	Address:		129,		
Additional name(s) of Yes No X conveying party(ies) attached:			Street Address: 46, Quai A. Le Gallo F-92100 Boulogne -Billancourt, France					
	Merger			City: State:			Zip:	
Execution Date: April 26, 2006, respectively						Yes	No X	
4. Application number(s) or patent number(s): A lf this document is being filed together with a			ne applica	ntion is:				
A. Patent Application No.(s)			B. Patent	No.(s)				
Additional numbers attac	ched?	Yes	No	x				
			<u> </u>		 			
 Name and address of party to whom correspond concerning document should be mailed: Name: JOSEPH J. LAKS 	ndence		6. Total 1	number of applicati	ions and patents involved:1_	_		
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PATENT REEL: 017980 FRAME: 0569

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Christof Ballweg, Rosengasse 30, 78050 VS-Villingen, Germany; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

Method and circuit for evaluating a wobble signal

for which said assignor has caused an application for United States Letters Patent to be prepared, the specification of which was filed on as Application Serial No.

, or, if not identified here by filing date and serial number, the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office.

AND WHEREAS

Thomson Licensing
46 Quai A. le Gallo
F-92100 Boulogne-Billancourt
France

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

PATENT REEL: 017980 FRAME: 0570 EXECUTED, this 264 day of open, 2006.

WITNESSES:

Signature: S Kuucuel

Name: Ste Fin Kimmelminn Address: Im Oberolo F 21/1

18052 VJ- Pfaffenweder

Signature: (Lefficial)

Name: Herbert Hölzemann

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78048 VS-Villinger

ASSIGNOR:

Signature: Orusta Bolling

Name: Christof Ballweg

PATENT REEL: 017980 FRAME: 0571

RECORDED: 06/06/2006