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JAN 1 2 2009<sub>14085212060</sub> From: Gregory Muir

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2009-01-12 04:43:24 (GMT)

01-14-2009

FÖRM PTO-1596 ri-85828	1	U.S. Department of Commerce Patent and Trademark Office	
To the Assistant Commissioner for Pate	103543751	a copy thereof.	
Name of convaying party(les):	2. Name and Address of		
Andrew Gerritt Hulbers Regis Grasser	Address: P.O. Box 65 City: Dallas	RUNENTS INCORPORATED 5474, MS 3999 x: 75265	
	Additional name(s) & addr	ess(es) attached?Yes_X_No	
3. Nature of Conveyance;			
XAssignmentMerger			
Security Agreement Change of Nar	τie		
Other	-		
Execution Date: 03/31/2008			
4. Application number(s) or patent number(s). Execution date of the application: Title: A LIGHT COMBINER Docket No: Ti-45528  A. Patent Application No.(s) 12/062,779	B. Falent No.(s)		
Additional numbers attached?YesX_	No Additional numbers	attached?YesX No	
5. Name and address of party to whom correspondence concerning this document should be mailed  Name: Dawn V. Stephens Texes Instruments Incorporated  Address: P.O.Box 655474, MA 3999  City: Dallas  State: TX Zip: 75265	6. Number of applications	and patents involved:(1)	
	7. Amount of fee englosed	7. Amount of fee enclosed or authorized to be charged: \$40	
	8. Deposit Account No: 2: paying by deposit accou	0-0668 (Attach duplicate copy if	
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9. Statement and signature.			
To the best of my knowledge and bellef, the foregoin original document.	ng information is true and correct and any i	etteched copy is a true copy of the	
Jan 09,07	My	Gregory R. Muir	
Total Number of Pages in:	cluding Cover Sheet, Attachments and Po-	curnent <u>2</u>	
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PAGE 2/3 " RSVD AT 1/11/2009 11:43:16 PM [Eastern Standard Time] " SVR;USPTO-EFXRF-6/21 " DNIS;2730177 " CSID:14085212060 " DURATION (mm-ss):02-50 PAGE 2/3 \* RCVD AT 1/12/2009 2:48:02 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-6/9 \* DNIS:2738300 \* CSID:7036841409 \* DURATION (mm-ss):00-36

**PATENT** 

**REEL: 022108 FRAME: 0961** 

JAN 1 2 2009 4085212080 From: Gregory Mulr

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2009-01-12 04:43:24 (GMT)

ATTORNEY DOCKET NO. T1-65528

## ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below, and

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, is desirous of acquiring my entire night, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all parents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof, and I hereby surhorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign ughts to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assagnments, affidavirs, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignce company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oxths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year,

TTILE OR INVENTION	A LIGITI COMBINÉR	
SIGNATURE OF INVENTOR AND NAME	(1)  Andrew Garrier Huibers	Rugis Grasser
DATE OF SIGNATURE	March 31, 2008	March 312 2008
RESIDENCE (City and State)	Sunnyvale, CA	Mountain View, CA
DATE APPLICATION EXECUTED		

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PAGE 3/3 \* R CVD AT 1/11/2009 11:43:16 PM [Eastern Standard Time] \* 8VR:USPTO-EFXRF-5/21 \* DNIB:2738177 \* CSID:14085212066 \* DURATION (mm-ss):02-06 PAGE 3/3 \* RCVD AT 1/12/2009 2:48:02 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-6/9 \* DNIS:2738300 \* CSID:7036841409 \* DURATION (mm-ss):00-36

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**PATENT** REEL: 022108 FRAME: 0962