502332111 05/01/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Stephen Allott	04/08/2013

RECEIVING PARTY DATA

Name:	MStar Semiconductor, Inc.
Street Address:	4F-1, No. 26, Tai-Yuan Street
City:	Hsinchu Hsien
State/Country:	TAIWAN
Postal Code:	302

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13840266

CORRESPONDENCE DATA

Fax Number: 3107343300

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 3107343200

Email: ttsai@steptoe.com, lware@steptoe.com
Correspondent Name: Terry T. Tsai / Steptoe & Johnson LLP

Address Line 1: 2121 Avenue of the Stars

Address Line 2: Suite 2800

Address Line 4: Los Angeles, CALIFORNIA 90067

ATTORNEY DOCKET NUMBER:	084139.00003
NAME OF SUBMITTER:	Terry T. Tsai
Signature:	/Terry T. Tsai/
Date:	05/01/2013
	This document serves as an Oath/Declaration (37 CER 163).

502332111 REEL: 030330 FRAME: 0745

H \$40.00 1584026

Total Attachments: 4

source=Assignment_Stephen_Allott_05012013#page1.tif source=Assignment_Stephen_Allott_05012013#page2.tif source=Assignment_Stephen_Allott_05012013#page3.tif source=Assignment_Stephen_Allott_05012013#page4.tif

PATENT REEL: 030330 FRAME: 0746

	RECORDATION FORM COVER SHEET		
PATENTS ONLY			
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)		
	Name: MStar Semiconductor, Inc.		
Stephen Allott	Internal Address: 4F-1, No. 26, Tai-Yuan Street		
Additional name(s) of conveying party(ies) attached? Yes No			
3. Nature of conveyance/Execution Date(s):	Street Address: ChuPei		
Execution Date(s) April 8, 2013			
Assignment Merger			
Security Agreement Change of Name	City: Hsinchu Hsien		
Joint Research Agreement	State:		
Government Interest Assignment	Country: Taiwan Zip: 302		
Executive Order 9424, Confirmatory License			
Other	Additional name(s) & address(es) attached? Yes No		
-	document serves as an Oath/Declaration (37 CFR 1.63).		
A. Patent Application No.(s)	B. Patent No.(s)		
13/840,266	·		
13/840,200			
Additional numbers att	ached? Yes No		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents		
Collecting accumonic official accumant	INVOIVAN:		
Name Terry T. Tsai	involved: 1		
Name: Terry T. Tsai	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00		
Name: Terry T. Tsai Internal Address: Steptoe & Johnson LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
Internal Address: Steptoe & Johnson LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{}\$ Authorized to be charged to deposit account		
Internal Address: Steptoe & Johnson LLP Street Address: 2121 Avenue of the Stars	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{}\$ Authorized to be charged to deposit account Enclosed		
Internal Address: Steptoe & Johnson LLP Street Address: 2121 Avenue of the Stars Suite 2800	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{}\$ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)		
Internal Address: Steptoe & Johnson LLP Street Address: 2121 Avenue of the Stars	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{}\$ Authorized to be charged to deposit account Enclosed		
Internal Address: Steptoe & Johnson LLP Street Address: 2121 Avenue of the Stars Suite 2800	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{}\$ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)		
Internal Address: Steptoe & Johnson LLP Street Address: 2121 Avenue of the Stars Suite 2800 City: Los Angeles State: CA Zip: 90067 Phone Number: (310) 734-3200	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{}\$ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information		
Internal Address: Steptoe & Johnson LLP Street Address: 2121 Avenue of the Stars Suite 2800 City: Los Angeles State: CA Zip: 90067 Phone Number: (310) 734-3200	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{\text{ Authorized to be charged to deposit account }}\$ Enclosed None required (government interest not affecting title) 8. Payment Information		
Internal Address: Steptoe & Johnson LLP Street Address: 2121 Avenue of the Stars Suite 2800 City: Los Angeles State: CA Zip: 90067	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information		
Internal Address: Steptoe & Johnson LLP Street Address: 2121 Avenue of the Stars Suite 2800 City: Los Angeles State: CA Zip: 90067 Phone Number: (310) 734-3200 Docket Number: 84139.0003	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information Deposit Account Number 194293		
Internal Address: Steptoe & Johnson LLP Street Address: 2121 Avenue of the Stars Suite 2800 City: Los Angeles State: CA Zip: 90067 Phone Number: (310) 734-3200 Docket Number: 84139.0003 Email Address: tsai@steptoe.com, ccipdocketing@steptoe.com	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{\text{ Authorized to be charged to deposit account }}\$ \[\text{ Enclosed } \] \[\text{ None required (government interest not affecting title)} \] 8. Payment Information \[\text{ Deposit Account Number } \frac{194293}{\text{ Authorized User Name } \text{ Terry T. Tsai}} \]		
Internal Address: Steptoe & Johnson LLP Street Address: 2121 Avenue of the Stars Suite 2800 City: Los Angeles State: CA Zip: 90067 Phone Number: (310) 734-3200 Docket Number: 84139.0003 Email Address: ttsai@steptoe.com, ccipdocketing@steptoe.com 9. Signature: Terry T. Tsai	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{\text{ Authorized to be charged to deposit account }}\$ Enclosed None required (government interest not affecting title) 8. Payment Information Deposit Account Number \(\frac{194293}{\text{ Authorized User Name} \) \(\frac{Terry T. Tsai}{\text{ Date}} \) May \(\frac{1}{\text{ . 2013}} \) Date Total number of pages including cover \(\frac{4}{\text{ . 4}} \)		
Internal Address: Steptoe & Johnson LLP Street Address: 2121 Avenue of the Stars Suite 2800 City: Los Angeles State: CA Zip: 90067 Phone Number: (310) 734-3200 Docket Number: 84139.0003 Email Address: tsai@steptoe.com, ccipdocketing@steptoe.com 9. Signature: Signature	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{\text{ Authorized to be charged to deposit account }} \text{ Enclosed } \text{ None required (government interest not affecting title)} \text{ 8. Payment Information} \text{ Deposit Account Number } \text{ 194293 } \text{ Authorized User Name } \text{ Terry T. Tsai } \text{ Date } \text{ Total number of pages including cover sheet, attachments, and documents:} \text{ 4}		

COMBINED ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION USING DATA SHEET

☐ Declaration Submitted with Initial Filing

☑ Declaration Submitted After Initial Filing (surcharge (37 CFR 1.16(e)) required)

Attorney Docket No.	84139.0003
First Named Inventor	Thomas McKay
COMPLETE IF KNOWN	
Application No.	13/840,266
Filing Date	March 15, 2013
Group Art Unit	
Examiner Name	Not Yet Assigned

MULTIMODE RECEIVER WITH COMPLEX FILTER

(Title of the Invention)

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application,

OR

☑ United States Application Number or PCT International application number 13/840,266 filed on March 15, 2013 _____.

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

NOTE TO INVENTOR: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

<u>ASSIGNMENT</u>

The below named inventors, and each of them, in consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign, transfer and set over to:

Page 1 of 3

Attorney Docket No		
MStar Semiconductor, Inc.		
4F-1, No. 26, Tai-Yuan St., Chupei, Hsinchu Hsien, 302 Taiwan		
(Insert Company Name and Address)		
a Corporation of Taiwan (Insert Legal Entity and State or Country, e.g., a corporation or citizen of Country) (hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as (insert Identification of Invention, such as Title, Case Number or Foreign Application Number) and this application and any patent to issue therefrom, hereinafter identified as the Patent Property:		
MULTIMODE RECEIVER WITH COMPLEX FILTER		
(Title of the Invention)		
· · · · · · · · · · · · · · · · · · ·		
(Case Number) (Foreign Application Number)		

for which the undersigned has (have) executed an application for patent in the United States of America, said application have been executed/filed on:

13/040 066	March 15, 2013
13/840,266	March 15, 2013
(Sorial Number)	(Filing Date)

(Serial Number) (Filing D

Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

The Assignor agrees to execute all papers necessary in connection with said Patent Property and any continuing, divisional or reissue applications or re-examinations or post-grant proceedings thereof, and to execute further and/or separate assignments should the Assignee deem same necessary or reasonably expedient.

The Assignor further agrees to execute all papers reasonably necessary in connection with any proceeding which may commence with respect to this Application and/or any patent or certification to issue herefrom, and to cooperate with Assignee in all reasonable ways in obtaining evidence and going forward with any such proceeding. The Assignor further agrees to execute all papers and documents and perform any act which may be reasonably necessary in connection with any claims in provisions of any international convention or similar agreement affecting the invention, this application and/or any patent to issue herefrom,

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant resulting from this application of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the United States Patent and Trademark Office to issue any and all Untied States Letters Patents resulting from this application or any continuing, divisional, or reissue application thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Steptoe & Johnson LLP, 1330 Connecticut Ave., N.W., Washington, D.C. 20036-1795, the power to insert on this assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Attorney Docket No.	84139.0003
AROTHOU DOORGETTO.	

INVENTOR NAMES, SIGNATURES, DATES:

1.	
	-
(e.g., Given Name (first and middle (if a	ny) and Family Name or Surname)
Inventor's Signature	Date (Optional)
4	
0	
2.	
(e.g., Given Name (first and middle (if a	ny) and Family Name or Surname)
Inventor's Signature	Date (Optional)
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3.	A SANCE OF THE SAN
Stephen Allott, 925 Lockwood Lane, Scotts	Valley, CA 95066, USA
(e.g., Given Name (first and middle (if a	
1 allow	4/8/13
1. allest	
Inventor's Signature	Date (Optional)
4.	
) 15 3 N
(e.g., Given Name (first and middle (if any) and Family Name or Surname)	
Inventor's Signature	Date (Optional)
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 $\hfill\square$ Additional inventor's names and signatures on a separate sheet, page 3a.