## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Ashutosh Ravindra Joharapurkar	03/04/2011
Jean CauXuan Le	03/11/2011
Natarajan Viswanathan	03/15/2011
Patrick Chan	03/15/2011

#### **RECEIVING PARTY DATA**

Name:	MAXIM Integrated Products, Inc.
Street Address:	120 San Gabriel Drive
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94086

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12986881

## **CORRESPONDENCE DATA**

Fax Number: (408)530-9797

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

Phone: 408 530 9700

Email: TOM@HOLLP.COM

Correspondent Name: Thomas B. Haverstock

Address Line 1: 162 NORTH WOLFE ROAD

Address Line 4: SUNNYVALE, CALIFORNIA 94086

ATTORNEY DOCKET NUMBER: MAXIM-04600

NAME OF SUBMITTER: Thomas B. Haverstock

Total Attachments: 4

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PATENT REEL: 025976 FRAME: 0961 DP \$40,00 12986887

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> PATENT REEL: 025976 FRAME: 0962

#### ASSIGNMENT

WHEREAS, WE, Ashutosh Ravindra Joharapurkar, Jean CauXuan Le, Natarajan Viswanathan, and Patrick Chan, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

for United States Letters Patent: Title of Invention: NOISE CANCELLATION TECHNIQUE FOR CAPACITIVE TOUCHSCREEN CONTROLLER USING DIFFERENTIAL SENSING Date of execution of application: Filing Date: January 07, 2011 Serial No.: 12/986,881 WHEREAS, MAXIM Integrated Products, Inc., a corporation of the State of Delaware, 120 San Gabriel Drive, Sunnyvale, CA 94086, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same; NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignce, and Assignce's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent. Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns. IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below. Ashutosh Ravindra Joharapurkar Jean CauXuan Le Date Natarajan Viswanathan Date Patrick Chan Date COUNTY OF PNDP On <u>C7-03-3011</u> before me, \_\_\_\_\_\_, a notary public, personally appeared <u>Ashutosh Ravindra Joharapurkar, Jean CauXuan Le, Natarajan Viswanathan, and Patrick Chan, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized</u> 07-03-3011 before me, capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. NOTARY STAMP AWIENESS my hand and official seal. NOT SUPPLIED BY GOVT. OF KARNATAKA WITH FFECT FROM 1-4-2003 RATARION SWAMY, BA, LLB.

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ADVOCATE & NOTARY No. 17, Srigandha Nilaya

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#### ASSIGNMENT

WHEREAS, WE, Ashutosh Ravindra Joharapurkar, Jean CauXuan Le, Natarajan Viswanathan, and Fatrick Chan; hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

TO THE SERVICE STATES		•	
itle of Invention: NOISE CANCELLATION TECHNIQUIFFERENTIAL SENSING	E FOR CAPACITIVE TOUCHSCREE	EN CONTROLLER USING	
ate of execution of application:	Filing Date: January 07, 2011	Serial No.: 12/986,881	
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WHEREAS, MAXIM Integrated Products, Inc., a continuation referred to as "ASSIGNEE", is destrous of acquiring terms Patent which may be granted on the same.	erponation of the State of Delaware, 120 g the entire right, title and interest in said	San Gabriel Drive, Sunnyvale, C I invention and application and i	CA 94086 in any
NOW THEREFORE, TO ALL WHOM IT MAY of hich is hereby acknowledged, Assigning have sold, assigned ssignee, and Assignee's successors and assigns; all right, titl tent, and any Letters Patent which may hereafter be granted by divisions, renewals, continuations in whole or in part, subbe held and enjoyed by said Assignee as fully and exclusive divisions been made, to the full end and term of any Letters and the same and term of any Letters are said as a said and term of any Letters are said as a said and term of any Letters are said as a said as a said as a said and term of any Letters are said as a sai	I and transferred, and by these presents do e and interest in and to said invention, sa I on the same in the United States and all istitutions, conversions, reissues, prolong ely as it would have been held and enjoy	o sell, assign and transfer unto s id application for United States countries throughout the world ations or extensions thereof, said	aid Letters including d interest
Assignors further agree that they will, without char osceution of said application and/or applications, execute, where Patent and for the reissue thereof, and instruments of a wfully may request, to obtain or maintain Letters Patent for it Assignee, or Assignee's successors and assigns.	erify, acknowledge and deliver all such its signment and transfer thereof, and will	further papers, including applica perform such other acts as Assig	tions for mee
IN TESTIMONY WHEREOF, Assignors have her	eunto signed their names to this assignme	ent on the dates indicated below.	
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// Jean CauXuan Le		Date	
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Commission & 1814483	h		

Signature of Notary PublicaTENT

**REEL: 025976 FRAME: 0964** 

#### ASSIGNMENT

WHEREAS, WE, Ashutosh Ravindra Joharapurkar, Jean CauXuan Le, Natarajan Viswanathan, and Patrick Chan, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: NOISE CANCELLATION TECHNIQUE F DIFFERENTIAL SENSING	OR CAPACITIVE TOUCHSCREE	N CONTROLLER USING
Date of execution of application:	Filing Date: January 07, 2011	Serial No.: 12/986,881
WHEREAS, MAXIM Integrated Products, Inc., a corp hereinafter referred to as "ASSIGNEE", is desirous of acquiring the Letters Patent which may be granted on the same:	oration of the State of Delaware, 120 S the entire right, little and interest in said	an Gabriel Drive, Sumyvale, CA 94086, invention and application and in any
NOW THEREFORE, TO ALL WHOM IT MAY CON which is hereby acknowledged, Assignors have sold, assigned an Assignee, and Assignee's successors and assigns, all right, title ar Patent, and any Letters Patent which may hereafter be granted on any divisions, renewals, continuations in whole or in part, substit to be held and enjoyed by said Assignee as fully and exclusively and transfer not been made, to the full end and term of any Letter	d transferred, and by these presents do ad interest in and to said invention, said the same in the United States and all outlons, conversions, reissues, prolonga as it would have been held and enjoye	sell, assign and transfer unto said d application for United States Letters countries throughout the world including thous or extensions thereof, said interest
Assignors further agree that they will, without charge prosecution of said application and/or applications, execute, veriff Letters Patent and for the reissue thereof, and instruments of assignationally may request, to obtain or maintain Letters Patent for said assignee, or Assignee's successors and assigns.	y, acknowledge and deliver all such fi coment and transfer thereof, and will p	uther papers, including applications for erform such other acts as Assignee
IN TESTIMONY WHEREOF, Assignors have hereun	to signed their names to this assignmen	nt on the dates indicated below.
Ashutosh Rayindra Joharapurkar		Date
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Jean CauXuan Le		Date
N.V.	3	15 11
Natarajan Viswanathan		Date
Patrick Chan	· · · · · · · · · · · · · · · · · · ·	Date
1-dules Chair		Date
STATE OF CALIFORNIA		
On March 15, 2011 Delimine Let	113.00	
Control of the contro	a notal y public.	personally appeared Ashutosh Ravindra
Johannburker, Jean ContYvan Le, Natarajan Viswanathan, and Patri whose name(s) is/are subscribed to the within instrument and ack capacity(ips), and that by his/hei/th/it signature(s) on the instrume the instrument.	nowledged to me that he/she/they exec	cuted the same in his/hei/their authorized
I certify under PENALTY OF PERJURY under the laws of the S	tate of California that the foregoing pa	ragraph is true and correct.
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Commission # 1814483	<i>p</i> .	
Notary Public - California & Santa Glara County	RI	415/2011
SEAL My Comm. Expires Sep 22, 2012	Signature of N	1 1 lotary Public

**PATENT** 

**REEL: 025976 FRAME: 0966** 

#### ASSIGNMENT

WHEREAS, WE, Ashutosh Ravindra Johanapurkar, Jean CauXuan Le, Natarajan Viswanathan, and Patrick Chan, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

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Date of execution of application:	Filing Date: January 07, 2011	Serial No.: 12/986,881	
WHEREAS, MAXIM Integrated Products, Inc., a chereinalter referred to as "ASSIGNEE", is destrous of acquiring Letters Patent which may be granted on the same;	orporation of the State of Delaware, 12 ig the entire right, title and interest in sa	San Gabriel Drive, Sunnyvale, CA 94 id invention and application and in any	<u>086,</u>
NOW THEREFORE, TO ALL WHOM IT MAY O which is hereby acknowledged, Assignors have sold, assigned Assignee, and Assignee's successors and assigns, all right, titl Patent, and any Letters Patent which may hereafter be granted any divisions, renewals, continuations in whole or in part, sub to be held and enjoyed by said Assignee as fully and exclusive and transfer not been made, to the full end and term of any Letters Patent which may be reafter the part of the full end and term of any Letters Patent Whom Patent	I and transferred, and by these presents e and interest in and to said invention, s I on the same in the United States and a estitutions, conversions, reissues, protor ely as it would have been held and enjo	do sell, assign and transfer unto said said application for United States Letter Il countries throughout the world inclu- gations or extensions thereof, said inte	rs ding erest
Assignors further agree that they will, without char prosecution of said application and/or applications, execute, v Letters Patent and for the reissue thereof, and instruments of a lawfully may request, to obtain or maintain Letters Patent for said Assignee, or Assignee's successors and assigns.	erify, acknowledge and deliver all such assignment and transfer thereof, and will	n further papers, including applications if perform such other acts as Assignee	for
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Ashutosh Rayindra Joharapurkar		Date	
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Jean CauXuan Le		Date	
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lehampurkar, Jean CauXuan Le, Natarajan Viswasathan, and Pi whose name(s) is/3/e subscribed to the within instrument and capacity(ies), and that by his/hel/thoir signature(s) on the instru the instrument.	atrick Chan, who proved to me on the bas acknowledged to me that he/she/frey co	is of satisfactory evidence to be the perso	n(s)
certify under PENALTY OF PERJURY under the laws of the	e State of California that the foregoing	paragraph is true and correct.	
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	Signature of	PATENT	

**RECORDED: 03/17/2011**