

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2822028

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ATTMA SHARMA	02/19/2014
CORY WALTON	02/19/2014
JERRY HANAUER	02/25/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROCHIP TECHNOLOGY INCORPORATED
<b>Street Address:</b>	2355 WEST CHANDLER BLVD.
<b>City:</b>	CHANDLER
<b>State/Country:</b>	ARIZONA
<b>Postal Code:</b>	85224-6199
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14254164
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)457-2100
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	5124572123
<b>Email:</b>	trosson@kslaw.com
<b>Correspondent Name:</b>	TODD ROSSON
<b>Address Line 1:</b>	401 CONGRESS AVENUE #3200
<b>Address Line 4:</b>	AUSTIN, TEXAS 78701
<b>ATTORNEY DOCKET NUMBER:</b>	68354.227136
<b>NAME OF SUBMITTER:</b>	TODD ROSSON
<b>SIGNATURE:</b>	/Todd Rosson/
<b>DATE SIGNED:</b>	04/21/2014
<b>Total Attachments: 3</b>	
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the below signed inventors of record, hereby assign to:

MICROCHIP TECHNOLOGY INCORPORATED
2355 WEST CHANDLER BLVD.
CHANDLER, AZ 85224-6199

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by me this day, entitled:

"APPARATUS FOR IMPROVING SIGNAL-TO-NOISE PERFORMANCE OF PROJECTED CAPACITANCE TOUCH SCREENS AND PANELS"

this assignment including said application, any and all United States and foreign patents, utility models, design registrations, inventor's certificates and other similar rights granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name, or in its own name, for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

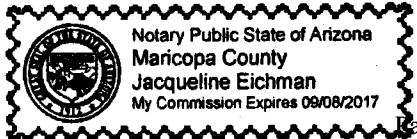
IN WITNESS THEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

Full Name of First Inventor: ATTMA SHARMA
Residence: 700 North Coronado Street, #1054 Chandler, AZ 85224
Citizenship: USA
Post Office Address: 700 North Coronado Street, #1054 Chandler, AZ 85224

Attma Sharma (handwritten signature)
2/19/14 (handwritten date)
Signature of First Inventor
Date of Signature

In the State of Arizona §
In the County of Maricopa §

Before me, the undersigned authority, on this 19th day of February, 2014 personally appeared Attma Sharma, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



(Handwritten signature)
Notary or Consular Officer

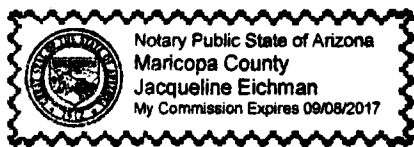
Full Name of Second Inventor: **CORY WALTON**  
 Residence: **3834 West Laredo Street  
 Chandler, AZ 85226**  
 Citizenship: **USA**  
 Post Office Address: **3834 West Laredo Street  
 Chandler, AZ 85226**

*Cory Walton*  
 Signature of Second Inventor

19-Feb-2017  
 Date of Signature

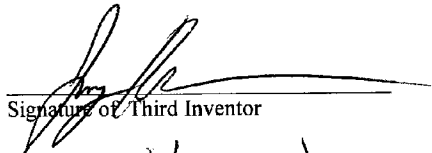
In the State of Arizona §  
 §  
 In the County of Maricopa §

Before me, the undersigned authority, on this 19<sup>th</sup> day of February, 2017 personally appeared **Cory Walton**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



*Jacqueline Eichman*  
 Notary or Consular Officer

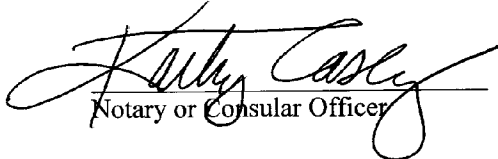
Full Name of Third Inventor: **JERRY HANAUER**  
 Residence: **North 103 West 16737 Country Port  
 Georgetown, Wisconsin 53022**  
 Citizenship: **USA**  
 Post Office Address: **North 103 West 16737 Country Port  
 Georgetown, Wisconsin 53022**

  
 Signature of Third Inventor

2-25-14  
 Date of Signature

In the State of Wisconsin §  
 In the County of Milwaukee §

Before me, the undersigned authority, on this 25 day of Feb, 2014, personally appeared **Jerry Hanauer**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

  
 Notary or Consular Officer

