

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5168825

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ATMEL AUTOMOTIVE GMBH	04/09/2013
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ATMEL CORPORATION	
<b>Street Address:</b>	1600 TECHNOLOGY DRIVE	
<b>City:</b>	SAN JOSE	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	95110	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15490387
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(877)769-7945	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	(512) 226-8108	
<b>Email:</b>	apsi@fr.com	
<b>Correspondent Name:</b>	YUNBO GUO	
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.	
<b>Address Line 2:</b>	P.O.BOX 1022	
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022	
<b>ATTORNEY DOCKET NUMBER:</b>	20275-1217002	
<b>NAME OF SUBMITTER:</b>	JUDITH A. WITZEL	
<b>SIGNATURE:</b>	/Judith A. Witzel/	
<b>DATE SIGNED:</b>	10/02/2018	
<b>Total Attachments: 2</b>		
source=Assignment_AtmeIDE to Atmel US#page1.tif		
source=Assignment_AtmeIDE to Atmel US#page2.tif		

## ASSIGNMENT

WHEREAS, **ATMEL AUTOMOTIVE GMBH**, a corporation organized under the laws of Germany, with a registered address at Theresienstr. 2, Heilbronn, 74072, Germany (hereinafter "Assignor"), is the owner of the entire right, title, and interest throughout the world in the invention(s) and improvement(s) described in the United States patent applications listed in the Appendix appended hereto ("ASSIGNED INTELLECTUAL PROPERTY");

AND WHEREAS, **ATMEL CORPORATION**, a corporation organized and existing under the laws of the State of Delaware in the United States of America, and having an office and place of business at 1600 TECHNOLOGY DRIVE, SAN JOSE, CALIFORNIA 95110, UNITED STATES OF AMERICA (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest throughout the world in the ASSIGNED INTELLECTUAL PROPERTY;

AND WHEREAS, **ATMEL AUTOMOTIVE GMBH**, hereby grants the Assignee, its successors, legal representatives and assigns, the power to insert on this instrument any further identification that may be necessary or desirable to comply with the recordation rules of any appropriate and competent authority, including, without limitation, the United States Patent and Trademark Office.

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and in accordance with a January 1, 2011 Research and Development Service Agreement between the parties, Assignor does hereby assign, sell, and transfer to Assignee, its successors, and assigns, Assignor's entire right, title, and interest throughout the world in the ASSIGNED INTELLECTUAL PROPERTY, including all right, title, and interest throughout the world that presently exists or that may arise in the future, including, but not limited to, the right to claim priority; all divisionals, continuations, continuations-in-part, or renewals thereof; all patents, utility models, or design registrations that may be granted therefrom, including all reissues, reexamination certificates, or extensions of such patents; all related applications which have been or shall be filed in any country; and all rights, powers, privileges, and immunities arising from the ASSIGNED INTELLECTUAL PROPERTY, together with Assignor's right, title, and interest throughout the world in all causes of action, either in law or equity, for infringement thereof, including all rights of action and damages for past infringement.

For Atmel Automotive GmbH

Atmel B.V.

By: 

Name: Stephen Cumming

Title: President

Date: 4/9/2013

# APPENDIX

SERIAL NO	FILED	TITLE	MATTER NO
13/495,696	6/13/2012	PULSE WIDTH MODULATION BASED CONTROLLER	20275-0360001 / 11164MCU
61/676,710	7/27/2012	DUAL REGULATOR SYSTEMS	20275-1216P01 / 12058MCU/PRV
13/587,525	8/16/2012	DUAL REGULATOR SYSTEMS	20275-1216001 / 12058MCU
13/603,155	9/4/2012	REFERENCE VOLTAGE CIRCUITS IN MICROCONTROLLER SYSTEMS	20275-1217001 / 12059MCU
61/676,595	7/27/2012	REFERENCE VOLTAGE CIRCUITS IN MICROCONTROLLER SYSTEMS	20275-1217P01 / 12059MCU/PRV
13/735,884	1/7/2013	CIRCUITRY FOR CURRENT REGULATED, EXTERNALLY CONTROLLED LED DRIVING	20275-1247001 / 12121RFA
13/795,313	3/12/2013	CONTROLLING SWITCHING CURRENT REGULATORS	20275-1248001 / 12100MCU
13/756,484	1/31/2013	INTEGRATED CIRCUIT FOR REMOTE KEYLESS ENTRY SYSTEM	20275-1254001 / 12134RFA