

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5609423

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	FUNCTION ENGINEERING, INC.	05/14/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	APPLE INC.	
<b>Street Address:</b>	ONE APPLE PARK WAY	
<b>City:</b>	CUPERTINO	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	95014	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15418208	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(248)649-3338	
<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>	2486493333	
<b>Email:</b>	docketing@youngbasile.com	
<b>Correspondent Name:</b>	YOUNG BASILE HANLON & MACFARLANE P.C.	
<b>Address Line 1:</b>	3001 W. BIG BEAVER ROAD, SUITE 624	
<b>Address Line 4:</b>	TROY, MICHIGAN 48084	
<b>ATTORNEY DOCKET NUMBER:</b>	J1008B	
<b>NAME OF SUBMITTER:</b>	ANDREW R. BASILE, JR.	
<b>SIGNATURE:</b>	/Andrew R. Basile, Jr./	
<b>DATE SIGNED:</b>	07/09/2019	
<b>Total Attachments: 3</b>		
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## ASSIGNMENT


THIS ASSIGNMENT ("Assignment") is entered into by Function Engineering, Inc., 163 Everett Avenue, Palo Alto, CA 94301 ("Assignor") in favor of Apple Inc., One Apple Park Way, Cupertino, California 95014 ("Assignee").

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor hereby agrees as follows:

1. **ASSIGNMENT.** Assignor hereby sells, assigns, and transfers, unto Assignee, its successors and assigns, the full and exclusive right, title, and interest throughout the world in and to: (a) any and all inventions and/or improvements that are disclosed in the patents and/or applications listed in Schedule A and modifications thereof; (b) the patents and/or applications that are listed in Schedule A and all other applications in any country for the inventions and/or improvements that are disclosed in such patents and/or applications; (c) all patents which may issue from any of such applications in any country; (d) all divisions, continuations, reissues, reexaminations, and extensions of such patents and/or applications; and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by Assignee, its successors and assigns, to the full end of the term or terms for which any and all such patents may be granted as fully and entirely as would have been held and enjoyed by Assignor had this Assignment not been made.
2. **FURTHER ASSURANCES.** Assignor shall execute or have executed and deliver, upon request by Assignee, all lawful papers reasonably necessary to evidence, protect or perfect the ownership rights transferred to Assignee hereunder, including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions. Assignor shall provide all reasonable assistance to Assignee, its successors and assigns, in obtaining and enforcing proper title in and protection for such invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.
3. **AUTHORIZATION.** Assignor authorizes the law firm of Young Basile Hanlon & MacFarlane, P.C. to insert within Schedule A the filing date and application numbers of the applications listed therein.


IN WITNESS WHEREOF, this Assignment is executed as follows:

ASSIGNOR:  
FUNCTION ENGINEERING, INC.

By:   
SUNG KIM, President

Date: 5/14/2019

ASSIGNEE:  
APPLE INC.

By:   
Jeffrey L. Myers  
Chief Intellectual Property Counsel

Date: 6.25.2019

SCHEDULE A

Docket No.	Application No.	Filing Date	Title	Inventors
P29046USP1	62/287,499	01/27/2016	Extendable Bumpers For Vehicles	Erik Mikael Fermer; Joel Frederic Jensen; Sung Hoon Kim; Alice C. Watts; Mark B. Rober; Ronald Jack Smith; David Jennings Dostal; Russell Cranstoun Mead, Jr.; Todd Elliot Lewis; Jesse T. Buehler; Nathaniel J. Dennis; Tommaso P. Rivellini; Robert R. Mayer; Anthony S. Montevirgen; Donald J. Parr; Bryce A. Woollard; Adam J. Golman; Kevin P. Makowski; Daniel E. Rivera
P29046US1	15/418,208	01/27/2017	Extendable Bumpers For Vehicles	Erik Mikael Fermer; Joel Frederic Jensen; Sung Hoon Kim; Alice C. Watts; Mark B. Rober; Ronald Jack Smith; David Jennings Dostal; Russell Cranstoun Mead, Jr.; Todd Elliot Lewis; Jesse T. Buehler; Nathaniel J. Dennis; Tommaso P. Rivellini; Robert R. Mayer; Anthony S. Montevirgen; Donald J. Parr; Bryce A. Woollard; Adam J. Golman; Kevin P. Makowski; Daniel E. Rivera