506531790 03/02/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6578566

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUKE ANTHONY O'HARA	08/23/2017
ARTHUR JAMES HARVEY	08/23/2017

RECEIVING PARTY DATA

Name:	TEXTRON INC.	
Street Address:	40 WESTMINSTER ST.	
City:	PROVIDENCE	
State/Country:	RHODE ISLAND	
Postal Code: 02903		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17102583

CORRESPONDENCE DATA

Fax Number: (508)366-4688

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.

Phone: 508-616-2900

Email: Docket@BainwoodHuang.com

Correspondent Name: BAINWOOD, HUANG & ASSOCIATES, LLC

Address Line 1: 2 CONNECTOR ROAD

Address Line 4: WESTBOROUGH, MASSACHUSETTS 01581

ATTORNEY DOCKET NUMBER:	1181-010.002	
NAME OF SUBMITTER:	DAVID E. HUANG, ESQ.	
SIGNATURE:	/David E. Huang, reg. No. 39,229/	
DATE SIGNED: 03/02/2021		

Total Attachments: 6

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PATENT 506531790 REEL: 055457 FRAME: 0890

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PATENT REEL: 055457 FRAME: 0891

Attorney Docket No.: 1181-010

ASSIGNMENT

WHEREAS, I, <u>Luke Anthony O'Hara</u>, as the original inventor or an original joint inventor have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled

METHODS AND SYSTEMS FOR CHARGE CONTROL

which is further identified by Attorney Docket Number 1181-010;

WHEREAS, Textron Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware and having a usual place of business at 40 Westminster Street, Providence, Rhode Island 02903, USA desires to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their

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PATENT REEL: 055457 FRAME: 0892

PATENT ASSIGNMENT Attorney Docket No.: 1181-010

expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND I hereby authorize the attorneys at Bainwood Huang & Associates LLC to insert here in parentheses

the application number and filing date of said application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

PATENT ASSIGNMENT Attorney Docket No.: 1181-010

Date: 8/23/17	Inventor's Signature
Legal name of inventor:	Luke Anthony O'Hara
Residence:	5502 Hasell Court Augusta, GA 30909 United States of America
Mailing Address	Same as above
	Luke Anthony O'Hara (name of person signing the n to me, execute the above assignment. (signature of first witness)
was personally present and did see assignment) who is personally know	(name) whose residential address is Avgvst9
	(signature of second witness)
Signed at 3464 Mille Page	(location of witness signature)
on this day $8/23$	of 20 17. (date of signature)

PATENT ASSIGNMENT Attorney Docket No.: 1181-010

ASSIGNMENT

WHEREAS, I, <u>Arthur James Harvey</u>, as the original inventor or an original joint inventor have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled

METHODS AND SYSTEMS FOR CHARGE CONTROL

which is further identified by Attorney Docket Number 1181-010;

WHEREAS, Textron Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware and having a usual place of business at 40 Westminster Street, Providence, Rhode Island 02903, USA desires to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors. assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their

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PATENT ASSIGNMENT Attorney Docket No.: 1181-010

expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND I hereby authorize the attorneys at Bainwood Huang & Associates LLC to insert here in parentheses

(17/102,583, filed 11/24/2020)

the application number and filing date of said application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

PATENT ASSIGNMENT Attorney Docket No.: 1181-010

Date: Avgust 23, 2017	Inventor's Signature
Legal name of inventor:	Arthur James Harvey
Residence:	7092 Burwick Run Beech Island, SC 29842 United States of America
Mailing Address	Same as above
(name) whose residential address is Well MARLIN GRIFFT ARS Augusta, GA 30906 was personally present and did see Arthur James Harvey (name of person signing the assignment) who is personally known to me, execute the above assignment. (signature of first witness) Signed at 1451 MARLIN GRIFFT RI (location of witness signature) on this day 23 Rd August of 20/7. (date of signature)	
Russel W. King (name) whose residential address is 4158 Hound Ct Evans GA 30809, was personally present and did see Arthur James Harvey (name of person signing the assignment) who is personally known to me, execute the above assignment. (signature of second witness) Signed at 1451 Mervin Griffinged (location of witness signature) on this day 23 d Augusta GA, 30206 on this day 23 d Augusta of 20 17 (date of signature)	