505149984 10/19/2018

EPAS ID: PAT5196751

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RUSSELL WILLIAM KING	08/28/2017
AMY JEAN LANDAU	09/01/2017
MATTHEW JAMES ZAREMBA	08/28/2017

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:	16105510

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:	1181-009.001	
NAME OF SUBMITTER:	DAVID E. HUANG, ESQ.	
SIGNATURE:	/David E. Huang, Reg. No. 39,229/	
DATE SIGNED:	10/19/2018	

Total Attachments: 9

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ASSIGNMENT

WHEREAS, I, <u>Russell William King</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

COMMUNICATION TO CONTROL CHARGING OF A RECHARGEABLE BATTERY

which is further identified by Attorney Docket Number 1181-009;

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 St, 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 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.: <u>1181-009</u>

Date: 8/28/17	Inventor's Signature	
Legal name of inventor:	Russell William King	
Residence:	4158 Hound Court Evans, GA 30809 United States of America	
Mailing Address	Same as above	
Citizenship	US	
1 John Ledden	(name) whose residential address is	
4722 Sanctory Court	Avgusta GA 30909	
was personally present and did see Russell William King (name of person signing the assignment) who is personally known to me, execute the above assignment. (signature of first witness) Signed at 1451 Marvin Griffin Road (location of witness signature) on this day August 28 of 2017. (date of signature)		
1 ARTHUR JAMES HARVEY (name) whose residential address is 7092 BURWICK RUN, BEECH ISCARD, SC 29842		
was personally present and did see Russell William King (name of person signing the assignment) who is personally known to me, execute the above assignment.		
(signature of second witness) Signed at 1451 MARVIN GRIFFIN ROD HUWITA (location of witness signature)		
on this day August 28	of 20 <u>/7</u> . (date of signature)	

ASSIGNMENT

WHEREAS, I, Amy Jean Landau, 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

COMMUNICATION TO CONTROL CHARGING OF A RECHARGEABLE BATTERY

which is further identified by Attorney Docket Number 1181-009;

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 St, 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

PATENT

REEL: 047234 FRAME: 0373

said ASSIGNEE, its successors, assigns and legal representatives, but at its or their 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

(16/105,510 , filed 08/20/2018)

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

REEL: 047234 FRAME: 0374

Date: 9///)7	Inventor's Signature	
l and name of inventor	0	
Legal name of inventor:	Amy Jean Landau	
Residence:	255 Torrington Road Irmo, SC 29063 United States of America	
Mailing Address	Same as above	
Citizenship	US	
. Vati leminas		
\$ 508 AShdown Po	(name) whose residential address is	
was personally present and did see Amy Jean Landau (name of person signing the assignment) who is personally known to me, execute the above assignment.		
Hari Gening	(signature of first witness)	
Signed at 301 Min St. Ula, Sc 29108 (location of witness signature)		
on this day \ September of 2017. (date of signature)		
CHRISTOPHER LEWANDOUSE	(name) whose residential address is A ১০ ২৭০৪ ,	
1520 DEVINE ST. COLUMB	1A 5C 29208	
was personally present and did see <u>Amy Jean Landau</u> (name of person signing the assignment) who is personally known to me, execute the above assignment.		
Chi Du	(signature of second witness)	
Signed at 301 MAIN ST. COLUMBIA SC 29208 (location of witness signature)		
on this day FRST of SEPTEMBER of 2017. (date of signature)		

PATENT

REEL: 047234 FRAME: 0375

ASSIGNMENT

WHEREAS, I, <u>Matthew James Zaremba</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

COMMUNICATION TO CONTROL CHARGING OF A RECHARGEABLE BATTERY

which is further identified by Attorney Docket Number 1181-009;

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 St, 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 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

(COMMUNICATION TO CONTROL, filed 1181-009)
CHARGING OF A RECHARGEREE 08/20/2018

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

Date: 8-28-2017	
•	Inventor's Signature
Legal name of inventor:	Matthew James Zaremba
Residence:	368 Barnsley Drive Evans, GA 30809 United States of America
Mailing Address	Same as above
Citizenship	US
(name) whose residential address is II5 WINDY MILDY. N. Augusta, SC 29841 was personally present and did see Matthew James Zaremba (name of person signing the assignment) who is personally known to me, execute the above assignment. (signature of first witness) Signed at TSV, Augusta GA (location of witness signature) on this day 28th, August of 20 4. (date of signature)	
(name) whose residential address is 1301 Wickhom Ct, Evons, GA 30809 was personally present and did see Matthew James Zaremba (name of person signing the assignment) who is personally known to me, execute the above assignment. (signature of second witness) Signed at TSV, Augusta of 2017 (date of signature)	
on this day <u>acons in Jacob u</u>	or 20 t 1. (uate of signature)

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RECORDED: 10/19/2018