

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3715509

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RICHARD J. URIARTE	08/25/2015
WILLIAM OUELLETTE	08/19/2015
ANDREW J. SKULAN	08/18/2015
ANDREW L. LEPLA	08/18/2015
JENNIFER R. FINIGAN	08/18/2015
MICHAEL J. PETRIN	08/20/2015
MARISA MACNAUGHTAN	08/28/2015
TIMOTHY MUI	08/18/2015
ROGER V. LEE	08/18/2015
RECEIVING PARTY DATA	
Name:	THE CLOROX COMPANY
Street Address:	1221 BROADWAY
City:	OAKLAND
State/Country:	CALIFORNIA
Postal Code:	94612
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14828939
CORRESPONDENCE DATA	
Fax Number:	(510)271-4715
<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>	
Phone:	510-271-3136
Email:	patapps@clorox.com
Correspondent Name:	THE CLOROX COMPANY
Address Line 1:	1221 BROADWAY
Address Line 4:	OAKLAND, CALIFORNIA 94612
ATTORNEY DOCKET NUMBER:	440.204A
NAME OF SUBMITTER:	ANN LEE

SIGNATURE:	/Ann Lee/
DATE SIGNED:	01/28/2016

Total Attachments: 27

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ASSIGNMENT

WHEREAS, RICHARD J. URIARTE, WILLIAM OUELLETTE, ANDREW J. SKULAN, ANDREW L. LEPLA, JENNIFER R. FINIGAN, MICHAEL J. PETRIN, MARISA MACNAUGHTAN, TIMOTHY MUI and ROGER V. LEE, hereinafter referred to as ASSIGNORS, have invented a new and unobvious invention entitled:

SOLVENTLESS FIRE IGNITION SYSTEMS AND METHODS THEREOF

for which application for Letters Patent of the United States such application being identified by having been granted Serial No. 14/828,939, a filing date of August 18, 2015; and

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WHEREAS, THE CLOROX COMPANY, a Delaware corporation having a place of business at Oakland, California, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said application and said invention, in and to any and all improvements relating to said invention, and in and to Letters Patent thereon, when granted in the United States and all foreign countries; and

WHEREAS, ASSIGNORS acknowledge that pursuant to their employment agreements and the terms of this instrument, they are under a continuing obligation to assign all right, title and interest in, to and under the invention which is the subject of the referred-to application for Letters Patent and any improvements thereof and all divisions, continuations and continuations-in-part thereof, to THE CLOROX COMPANY, its successors, legal representatives and assigns in accordance with this instrument;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNORS from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNORS:

1. ASSIGNORS hereby sell, assign, transfer and convey unto ASSIGNEE, the entire right, title and interest in and to said application and said invention and improvements; including all priority rights under the International Convention associated with the filing of said application, for each country of the Union; and in and to any and all Letters Patent on said invention and improvements that may be granted by the United States or any foreign countries, including each and every Letters Patent granted on any application which is a division, substitution, continuation or continuation-in-part of any application relating to said invention or improvements, and in and to each and every reissue or extension of said Letters Patent.

2. ASSIGNORS hereby warrant, covenant and represent the fact to be that they have not theretofore granted any license, right or privilege in respect to the said application or said invention or improvements, or in any other way encumbered the same, and that they have the full right to convey, free of all licenses and encumbrances, the entire interest hereby assigned.

3. ASSIGNORS covenant and agree that at the request and expense of ASSIGNEE they will promptly execute all papers necessary or desirable to perfect ownership of said invention, improvements, applications of said Letters Patent in ASSIGNEE, and execute all oaths and other papers necessary or desirable for prosecuting said application, for use in interference proceedings involving said invention or improvements, for refiling said applications, for filing of said divisional, substitution, continuation or continuation-in-part applications covering said

invention or improvements which are deemed necessary or desirable by ASSIGNEE, for reissuance of said Letters Patent, or for the filing of foreign countries of applications for Letters Patent conferring said invention or improvements.

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4. The terms, covenants and provisions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other, legal representatives, and shall be binding upon ASSIGNORS, their heirs, legal representatives and assigns.

5. ASSIGNORS hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARK to issue the United States Letters Patent on their invention, when granted, unto

THE CLOROX COMPANY

its successors, assigns and other legal representatives in accordance with this agreement.

IN TESTIMONY WHEREOF, I, **RICHARD J. URIARTE**, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS 25th DAY OF AUGUST, 2015.


RICHARD J. URIARTE

IN TESTIMONY WHEREOF, I, **WILLIAM OUELLETTE**, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

WILLIAM OUELLETTE

IN TESTIMONY WHEREOF, I, **ANDREW J. SKULAN**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ANDREW J. SKULAN

IN TESTIMONY WHEREOF, I, **ANDREW L. LEPLA**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ANDREW L. LEPLA

IN TESTIMONY WHEREOF, I, JENNIFER R. FINIGAN, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

JENNIFER R. FINIGAN

IN TESTIMONY WHEREOF, I, MICHAEL J. PETRIN, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

MICHAEL J. PETRIN

IN TESTIMONY WHEREOF, I, MARISA MACNAUGHTAN, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

MARISA MACNAUGHTAN

IN TESTIMONY WHEREOF, I, TIMOTHY MUI, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

TIMOTHY MUI

IN TESTIMONY WHEREOF, I, ROGER V. LEE, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

ROGER V. LEE

ASSIGNMENT

WHEREAS, RICHARD J. URIARTE, WILLIAM OUELLETTE, ANDREW J. SKULAN, ANDREW L. LEPLA, JENNIFER R. FINIGAN, MICHAEL J. PETRIN, MARISA MACNAUGHTAN, TIMOTHY MUI and ROGER V. LEE, hereinafter referred to as ASSIGNORS, have invented a new and unobvious invention entitled:

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WHEREAS, ASSIGNORS acknowledge that pursuant to their employment agreements and the terms of this instrument, they are under a continuing obligation to assign all right, title and interest in, to and under the invention which is the subject of the referred-to application for Letters Patent and any improvements thereof and all divisions, continuations and continuations-in-part thereof, to THE CLOROX COMPANY, its successors, legal representatives and assigns in accordance with this instrument;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNORS from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNORS:

1. ASSIGNORS hereby sell, assign, transfer and convey unto ASSIGNEE, the entire right, title and interest in and to said application and said invention and improvements; including all priority rights under the International Convention associated with the filing of said application, for each country of the Union; and in and to any and all Letters Patent on said invention and improvements that may be granted by the United States or any foreign countries, including each and every Letters Patent granted on any application which is a division, substitution, continuation or continuation-in-part of any application relating to said invention or improvements, and in and to each and every reissue or extension of said Letters Patent.

2. ASSIGNORS hereby warrant, covenant and represent the fact to be that they have not theretofore granted any license, right or privilege in respect to the said application or said invention or improvements, or in any other way encumbered the same, and that they have the full right to convey, free of all licenses and encumbrances, the entire interest hereby assigned.

3. ASSIGNORS covenant and agree that at the request and expense of ASSIGNEE they will promptly execute all papers necessary or desirable to perfect ownership of said invention, improvements, applications of said Letters Patent in ASSIGNEE, and execute all oaths and other papers necessary or desirable for prosecuting said application, for use in interference proceedings involving said invention or improvements, for refiling said applications, for filing of said divisional, substitution, continuation or continuation-in-part applications covering said

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5. ASSIGNORS hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARK to issue the United States Letters Patent on their invention, when granted, unto

THE CLOROX COMPANY

its successors, assigns and other legal representatives in accordance with this agreement.

IN TESTIMONY WHEREOF, I, **RICHARD J. URIARTE**, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

RICHARD J. URIARTE

IN TESTIMONY WHEREOF, I, **WILLIAM OUELLETTE**, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS 19th DAY OF AUGUST, 2015.



WILLIAM OUELLETTE

IN TESTIMONY WHEREOF, I, **ANDREW J. SKULAN**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ANDREW J. SKULAN

IN TESTIMONY WHEREOF, I, **ANDREW L. LEPPLA**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ANDREW L. LEPPLA

IN TESTIMONY WHEREOF, I, JENNIFER R. FINIGAN, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

JENNIFER R. FINIGAN

IN TESTIMONY WHEREOF, I, MICHAEL J. PETRIN, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

MICHAEL J. PETRIN

IN TESTIMONY WHEREOF, I, MARISA MACNAUGHTAN, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

MARISA MACNAUGHTAN

IN TESTIMONY WHEREOF, I, TIMOTHY MUI, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

TIMOTHY MUI

IN TESTIMONY WHEREOF, I, ROGER V. LEE, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

ROGER V. LEE

440.204A

ASSIGNMENT

WHEREAS, RICHARD J. URIARTE, WILLIAM OUELLETTE, ANDREW J. SKULAN, ANDREW L. LEPLA, JENNIFER R. FINIGAN, MICHAEL J. PETRIN, MARISA MACNAUGHTAN, TIMOTHY MUI and ROGER V. LEE, hereinafter referred to as ASSIGNORS, have invented a new and unobvious invention entitled:

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WHEREAS, ASSIGNORS acknowledge that pursuant to their employment agreements and the terms of this instrument, they are under a continuing obligation to assign all right, title and interest in, to and under the invention which is the subject of the referred-to application for Letters Patent and any improvements thereof and all divisions, continuations and continuations-in-part thereof, to THE CLOROX COMPANY, its successors, legal representatives and assigns in accordance with this instrument;

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THE CLOROX COMPANY

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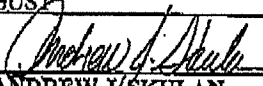
IN TESTIMONY WHEREOF, I, RICHARD J. URIARTE, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

RICHARD J. URIARTE

IN TESTIMONY WHEREOF, I, WILLIAM OUELLETTE, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

WILLIAM OUELLETTE

IN TESTIMONY WHEREOF, I, ANDREW J. SKULAN, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS 18th DAY OF AUGUST _____, 2015.



ANDREW J. SKULAN

IN TESTIMONY WHEREOF, I, ANDREW L. LEPLA, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

ANDREW L. LEPLA

IN TESTIMONY WHEREOF, I, JENNIFER R. FINIGAN, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

JENNIFER R. FINIGAN

IN TESTIMONY WHEREOF, I, MICHAEL J. PETRIN, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

MICHAEL J. PETRIN

IN TESTIMONY WHEREOF, I, MARISA MACNAUGHTAN, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

MARISA MACNAUGHTAN

IN TESTIMONY WHEREOF, I, TIMOTHY MUI, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

TIMOTHY MUI

IN TESTIMONY WHEREOF, I, ROGER V. LEE, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

ROGER V. LEE

ASSIGNMENT

WHEREAS, RICHARD J. URIARTE, WILLIAM OUELLETTE, ANDREW J. SKULAN, ANDREW L. LEPPLA, JENNIFER R. FINIGAN, MICHAEL J. PETRIN, MARISA MACNAUGHTAN, TIMOTHY MUI and ROGER V. LEE, hereinafter referred to as **ASSIGNORS**, have invented a new and unobvious invention entitled:

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WHEREAS, **ASSIGNORS** acknowledge that pursuant to their employment agreements and the terms of this instrument, they are under a continuing obligation to assign all right, title and interest in, to and under the invention which is the subject of the referred-to application for Letters Patent and any improvements thereof and all divisions, continuations and continuations-in-part thereof, to **THE CLOROX COMPANY**, its successors, legal representatives and assigns in accordance with this instrument;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by **ASSIGNORS** from **ASSIGNEE**, the receipt of which is hereby acknowledged by **ASSIGNORS**:

1. **ASSIGNORS** hereby sell, assign, transfer and convey unto **ASSIGNEE**, the entire right, title and interest in and to said application and said invention and improvements; including all priority rights under the International Convention associated with the filing of said application, for each country of the Union; and in and to any and all Letters Patent on said invention and improvements that may be granted by the United States or any foreign countries, including each and every Letters Patent granted on any application which is a division, substitution, continuation or continuation-in-part of any application relating to said invention or improvements, and in and to each and every reissue or extension of said Letters Patent.

2. **ASSIGNORS** hereby warrant, covenant and represent the fact to be that they have not theretofore granted any license, right or privilege in respect to the said application or said invention or improvements, or in any other way encumbered the same, and that they have the full right to convey, free of all licenses and encumbrances, the entire interest hereby assigned.

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THE CLOROX COMPANY

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IN TESTIMONY WHEREOF, I, **RICHARD J. URIARTE**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

RICHARD J. URIARTE

IN TESTIMONY WHEREOF, I, **WILLIAM OUELLETTE**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

WILLIAM OUELLETTE

IN TESTIMONY WHEREOF, I, **ANDREW J. SKULAN**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ANDREW J. SKULAN

IN TESTIMONY WHEREOF, I, **ANDREW L. LEPLA**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS 18 DAY OF AUGUST, 2015.



ANDREW L. LEPLA

IN TESTIMONY WHEREOF, I, **JENNIFER R. FINIGAN**, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

JENNIFER R. FINIGAN

IN TESTIMONY WHEREOF, I, **MICHAEL J. PETRIN**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

MICHAEL J. PETRIN

IN TESTIMONY WHEREOF, I, **MARISA MACNAUGHTAN**, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

MARISA MACNAUGHTAN

IN TESTIMONY WHEREOF, I, **TIMOTHY MUI**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

TIMOTHY MUI

IN TESTIMONY WHEREOF, I, **ROGER V. LEE**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ROGER V. LEE

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RICHARD J. URIARTE

IN TESTIMONY WHEREOF, I, **WILLIAM OUELLETTE**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

WILLIAM OUELLETTE

IN TESTIMONY WHEREOF, I, **ANDREW J. SKULAN**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ANDREW J. SKULAN

IN TESTIMONY WHEREOF, I, **ANDREW L. LEPPLA**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ANDREW L. LEPPLA

IN TESTIMONY WHEREOF, I, **JENNIFER R. FINIGAN**, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS 18th DAY OF AUGUST, 2015.


JENNIFER R. FINIGAN

IN TESTIMONY WHEREOF, I, **MICHAEL J. PETRIN**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

MICHAEL J. PETRIN

IN TESTIMONY WHEREOF, I, **MARISA MACNAUGHTAN**, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

MARISA MACNAUGHTAN

IN TESTIMONY WHEREOF, I, **TIMOTHY MUI**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

TIMOTHY MUI

IN TESTIMONY WHEREOF, I, **ROGER V. LEE**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ROGER V. LEE

ASSIGNMENT

WHEREAS, **RICHARD J. URIARTE, WILLIAM OUELLETTE, ANDREW J. SKULAN, ANDREW L. LEPPLA, JENNIFER R. FINIGAN, MICHAEL J. PETRIN, MARISA MACNAUGHTAN, TIMOTHY MUI and ROGER V. LEE**, hereinafter referred to as **ASSIGNORS**, have invented a new and unobvious invention entitled:

SOLVENTLESS FIRE IGNITION SYSTEMS AND METHODS THEREOF

for which application for Letters Patent of the United States such application being identified by having been granted Serial No. 14/828,939, a filing date of August 18, 2015; and

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WHEREAS, **THE CLOROX COMPANY**, a Delaware corporation having a place of business at Oakland, California, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in and to said application and said invention, in and to any and all improvements relating to said invention, and in and to Letters Patent thereon, when granted in the United States and all foreign countries; and

WHEREAS, **ASSIGNORS** acknowledge that pursuant to their employment agreements and the terms of this instrument, they are under a continuing obligation to assign all right, title and interest in, to and under the invention which is the subject of the referred-to application for Letters Patent and any improvements thereof and all divisions, continuations and continuations-in-part thereof, to **THE CLOROX COMPANY**, its successors, legal representatives and assigns in accordance with this instrument;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by **ASSIGNORS** from **ASSIGNEE**, the receipt of which is hereby acknowledged by **ASSIGNORS**:

1. **ASSIGNORS** hereby sell, assign, transfer and convey unto **ASSIGNEE**, the entire right, title and interest in and to said application and said invention and improvements; including all priority rights under the International Convention associated with the filing of said application, for each country of the Union; and in and to any and all Letters Patent on said invention and improvements that may be granted by the United States or any foreign countries, including each and every Letters Patent granted on any application which is a division, substitution, continuation or continuation-in-part of any application relating to said invention or improvements, and in and to each and every reissue or extension of said Letters Patent.

2. **ASSIGNORS** hereby warrant, covenant and represent the fact to be that they have not theretofore granted any license, right or privilege in respect to the said application or said invention or improvements, or in any other way encumbered the same, and that they have the full right to convey, free of all licenses and encumbrances, the entire interest hereby assigned.

3. **ASSIGNORS** covenant and agree that at the request and expense of **ASSIGNEE** they will promptly execute all papers necessary or desirable to perfect ownership of said invention, improvements, applications of said Letters Patent in **ASSIGNEE**, and execute all oaths and other papers necessary or desirable for prosecuting said application, for use in interference proceedings involving said invention or improvements, for refiling said applications, for filing of said divisional, substitution, continuation or continuation-in-part applications covering said

Handwritten signature
 8/20/2015

invention or improvements which are deemed necessary or desirable by ASSIGNEE, for reissuance of said Letters Patent, or for the filing of foreign countries of applications for Letters Patent conferring said invention or improvements.

ASSIGNORS further covenant and agree that at the expense and request of ASSIGNEE they will promptly assist ASSIGNEE in interference proceedings involving said invention or improvements, and in litigation involving said Letters Patent, and will assist in the ascertainment of facts and the production of evidence relating to said invention or improvements.

4. The terms, covenants and provisions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other, legal representatives, and shall be binding upon ASSIGNORS, their heirs, legal representatives and assigns.

5. ASSIGNORS hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARK to issue the United States Letters Patent on their invention, when granted, unto

THE CLOROX COMPANY

its successors, assigns and other legal representatives in accordance with this agreement.

IN TESTIMONY WHEREOF, I, **RICHARD J. URIARTE**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

RICHARD J. URIARTE

IN TESTIMONY WHEREOF, I, **WILLIAM OUELLETTE**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

WILLIAM OUELLETTE

IN TESTIMONY WHEREOF, I, **ANDREW J. SKULAN**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ANDREW J. SKULAN

IN TESTIMONY WHEREOF, I, **ANDREW L. LEPPLA**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.


ANDREW L. LEPPLA

Handwritten signature and date:
8/20/2015

IN TESTIMONY WHEREOF, I, **JENNIFER R. FINIGAN**, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

JENNIFER R. FINIGAN

IN TESTIMONY WHEREOF, I, **MICHAEL J. PETRIN**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS 20 DAY OF AUGUST, 2015.



MICHAEL J. PETRIN

IN TESTIMONY WHEREOF, I, **MARISA MACNAUGHTAN**, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

MARISA MACNAUGHTAN

IN TESTIMONY WHEREOF, I, **TIMOTHY MUI**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

TIMOTHY MUI

IN TESTIMONY WHEREOF, I, **ROGER V. LEE**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ROGER V. LEE

ASSIGNMENT

WHEREAS, RICHARD J. URIARTE, WILLIAM OUELLETTE, ANDREW J. SKULAN, ANDREW L. LEPPA, JENNIFER R. FINIGAN, MICHAEL J. PETRIN, MARISA MACNAUGHTAN, TIMOTHY MUI and ROGER V. LEE, hereinafter referred to as ASSIGNORS, have invented a new and unobvious invention entitled:

SOLVENTLESS FIRE IGNITION SYSTEMS AND METHODS THEREOF

for which application for Letters Patent of the United States such application being identified by having been granted Serial No. 14/828,939, a filing date of August 18, 2015; and

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WHEREAS, THE CLOROX COMPANY, a Delaware corporation having a place of business at Oakland, California, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said application and said invention, in and to any and all improvements relating to said invention, and in and to Letters Patent thereon, when granted in the United States and all foreign countries; and

WHEREAS, ASSIGNORS acknowledge that pursuant to their employment agreements and the terms of this instrument, they are under a continuing obligation to assign all right, title and interest in, to and under the invention which is the subject of the referred-to application for Letters Patent and any improvements thereof and all divisions, continuations and continuations-in-part thereof, to THE CLOROX COMPANY, its successors, legal representatives and assigns in accordance with this instrument;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNORS from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNORS:

1. ASSIGNORS hereby sell, assign, transfer and convey unto ASSIGNEE, the entire right, title and interest in and to said application and said invention and improvements; including all priority rights under the International Convention associated with the filing of said application, for each country of the Union; and in and to any and all Letters Patent on said invention and improvements that may be granted by the United States or any foreign countries, including each and every Letters Patent granted on any application which is a division, substitution, continuation or continuation-in-part of any application relating to said invention or improvements, and in and to each and every reissue or extension of said Letters Patent.

2. ASSIGNORS hereby warrant, covenant and represent the fact to be that they have not theretofore granted any license, right or privilege in respect to the said application or said invention or improvements, or in any other way encumbered the same, and that they have the full right to convey, free of all licenses and encumbrances, the entire interest hereby assigned.

3. ASSIGNORS covenant and agree that at the request and expense of ASSIGNEE they will promptly execute all papers necessary or desirable to perfect ownership of said invention, improvements, applications of said Letters Patent in ASSIGNEE, and execute all oaths and other papers necessary or desirable for prosecuting said application, for use in interference proceedings involving said invention or improvements, for refiling said applications, for filing of said divisional, substitution, continuation or continuation-in-part applications covering said

invention or improvements which are deemed necessary or desirable by ASSIGNEE, for reissuance of said Letters Patent, or for the filing of foreign countries of applications for Letters Patent conferring said invention or improvements.

ASSIGNORS further covenant and agree that at the expense and request of ASSIGNEE they will promptly assist ASSIGNEE in interference proceedings involving said invention or improvements, and in litigation involving said Letters Patent, and will assist in the ascertainment of facts and the production of evidence relating to said invention or improvements.

4. The terms, covenants and provisions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other, legal representatives, and shall be binding upon ASSIGNORS, their heirs, legal representatives and assigns.

5. ASSIGNORS hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARK to issue the United States Letters Patent on their invention, when granted, unto

THE CLOROX COMPANY

its successors, assigns and other legal representatives in accordance with this agreement.

IN TESTIMONY WHEREOF, I, **RICHARD J. URIARTE**, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

RICHARD J. URIARTE

IN TESTIMONY WHEREOF, I, **WILLIAM OUELLETTE**, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

WILLIAM OUELLETTE

IN TESTIMONY WHEREOF, I, **ANDREW J. SKULAN**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ANDREW J. SKULAN

IN TESTIMONY WHEREOF, I, **ANDREW L. LEPLA**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ANDREW L. LEPLA


IN TESTIMONY WHEREOF, I, JENNIFER R. FINIGAN, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

JENNIFER R. FINIGAN

IN TESTIMONY WHEREOF, I, MICHAEL J. PETRIN, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

MICHAEL J. PETRIN

IN TESTIMONY WHEREOF, I, MARISA MACNAUGHTAN, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS 28 DAY OF September, 2015.



MARISA MACNAUGHTAN

IN TESTIMONY WHEREOF, I, TIMOTHY MUI, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

TIMOTHY MUI

IN TESTIMONY WHEREOF, I, ROGER V. LEE, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

ROGER V. LEE

ASSIGNMENT

WHEREAS, RICHARD J. URIARTE, WILLIAM OUELLETTE, ANDREW J. SKULAN, ANDREW L. LEPLA, JENNIFER R. FINIGAN, MICHAEL J. PETRIN, MARISA MACNAUGHTAN, TIMOTHY MUI and ROGER V. LEE, hereinafter referred to as ASSIGNORS, have invented a new and unobvious invention entitled:

SOLVENTLESS FIRE IGNITION SYSTEMS AND METHODS THEREOF

for which application for Letters Patent of the United States such application being identified by having been granted Serial No. 14/828,939, a filing date of August 18, 2015; and

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WHEREAS, THE CLOROX COMPANY, a Delaware corporation having a place of business at Oakland, California, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said application and said invention, in and to any and all improvements relating to said invention, and in and to Letters Patent thereon, when granted in the United States and all foreign countries; and

WHEREAS, ASSIGNORS acknowledge that pursuant to their employment agreements and the terms of this instrument, they are under a continuing obligation to assign all right, title and interest in, to and under the invention which is the subject of the referred-to application for Letters Patent and any improvements thereof and all divisions, continuations and continuations-in-part thereof, to THE CLOROX COMPANY, its successors, legal representatives and assigns in accordance with this instrument;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNORS from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNORS:

1. ASSIGNORS hereby sell, assign, transfer and convey unto ASSIGNEE, the entire right, title and interest in and to said application and said invention and improvements; including all priority rights under the International Convention associated with the filing of said application, for each country of the Union; and in and to any and all Letters Patent on said invention and improvements that may be granted by the United States or any foreign countries, including each and every Letters Patent granted on any application which is a division, substitution, continuation or continuation-in-part of any application relating to said invention or improvements, and in and to each and every reissue or extension of said Letters Patent.

2. ASSIGNORS hereby warrant, covenant and represent the fact to be that they have not theretofore granted any license, right or privilege in respect to the said application or said invention or improvements, or in any other way encumbered the same, and that they have the full right to convey, free of all licenses and encumbrances, the entire interest hereby assigned.

3. ASSIGNORS covenant and agree that at the request and expense of ASSIGNEE they will promptly execute all papers necessary or desirable to perfect ownership of said invention, improvements, applications of said Letters Patent in ASSIGNEE, and execute all oaths and other papers necessary or desirable for prosecuting said application, for use in interference proceedings involving said invention or improvements, for refiling said applications, for filing of said divisional, substitution, continuation or continuation-in-part applications covering said

invention or improvements which are deemed necessary or desirable by ASSIGNEE, for reissuance of said Letters Patent, or for the filing of foreign countries of applications for Letters Patent conferring said invention or improvements.

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4. The terms, covenants and provisions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other, legal representatives, and shall be binding upon ASSIGNORS, their heirs, legal representatives and assigns.

5. ASSIGNORS hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARK to issue the United States Letters Patent on their invention, when granted, unto

THE CLOROX COMPANY

its successors, assigns and other legal representatives in accordance with this agreement.

IN TESTIMONY WHEREOF, I, **RICHARD J. URIARTE**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

RICHARD J. URIARTE

IN TESTIMONY WHEREOF, I, **WILLIAM OUELLETTE**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

WILLIAM OUELLETTE

IN TESTIMONY WHEREOF, I, **ANDREW J. SKULAN**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ANDREW J. SKULAN

IN TESTIMONY WHEREOF, I, **ANDREW L. LEPLA**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ANDREW L. LEPLA

IN TESTIMONY WHEREOF, I, **JENNIFER R. FINIGAN**, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

JENNIFER R. FINIGAN

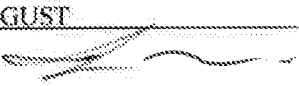
IN TESTIMONY WHEREOF, I, **MICHAEL J. PETRIN**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

MICHAEL J. PETRIN

IN TESTIMONY WHEREOF, I, **MARISA MACNAUGHTAN**, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

MARISA MACNAUGHTAN

IN TESTIMONY WHEREOF, I, **TIMOTHY MUI**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS 15th DAY OF AUGUST, 2015.



TIMOTHY MUI

IN TESTIMONY WHEREOF, I, **ROGER V. LEE**, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ROGER V. LEE

ASSIGNMENT

WHEREAS, RICHARD J. URIARTE, WILLIAM OUELLETTE, ANDREW J. SKULAN, ANDREW L. LEPLA, JENNIFER R. FINIGAN, MICHAEL J. PETRIN, MARISA MACNAUGHTAN, TIMOTHY MUI and ROGER V. LEE, hereinafter referred to as ASSIGNORS, have invented a new and unobvious invention entitled:

SOLVENTLESS FIRE IGNITION SYSTEMS AND METHODS THEREOF

for which application for Letters Patent of the United States such application being identified by having been granted Serial No. 14/828,939, a filing date of August 18, 2015; and

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

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WHEREAS, ASSIGNORS acknowledge that pursuant to their employment agreements and the terms of this instrument, they are under a continuing obligation to assign all right, title and interest in, to and under the invention which is the subject of the referred-to application for Letters Patent and any improvements thereof and all divisions, continuations and continuations-in-part thereof, to THE CLOROX COMPANY, its successors, legal representatives and assigns in accordance with this instrument;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNORS from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNORS:

1. ASSIGNORS hereby sell, assign, transfer and convey unto ASSIGNEE, the entire right, title and interest in and to said application and said invention and improvements; including all priority rights under the International Convention associated with the filing of said application, for each country of the Union; and in and to any and all Letters Patent on said invention and improvements that may be granted by the United States or any foreign countries, including each and every Letters Patent granted on any application which is a division, substitution, continuation or continuation-in-part of any application relating to said invention or improvements, and in and to each and every reissue or extension of said Letters Patent.

2. ASSIGNORS hereby warrant, covenant and represent the fact to be that they have not theretofore granted any license, right or privilege in respect to the said application or said invention or improvements, or in any other way encumbered the same, and that they have the full right to convey, free of all licenses and encumbrances, the entire interest hereby assigned.

3. ASSIGNORS covenant and agree that at the request and expense of ASSIGNEE they will promptly execute all papers necessary or desirable to perfect ownership of said invention, improvements, applications of said Letters Patent in ASSIGNEE, and execute all oaths and other papers necessary or desirable for prosecuting said application, for use in interference proceedings involving said invention or improvements, for refiling said applications, for filing of said divisional, substitution, continuation or continuation-in-part applications covering said

invention or improvements which are deemed necessary or desirable by ASSIGNEE, for reissuance of said Letters Patent, or for the filing of foreign countries of applications for Letters Patent conferring said invention or improvements.

ASSIGNORS further covenant and agree that at the expense and request of ASSIGNEE they will promptly assist ASSIGNEE in interference proceedings involving said invention or improvements, and in litigation involving said Letters Patent, and will assist in the ascertainment of facts and the production of evidence relating to said invention or improvements.

4. The terms, covenants and provisions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other, legal representatives, and shall be binding upon ASSIGNORS, their heirs, legal representatives and assigns.

5. ASSIGNORS hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARK to issue the United States Letters Patent on their invention, when granted, unto

THE CLOROX COMPANY

its successors, assigns and other legal representatives in accordance with this agreement.

IN TESTIMONY WHEREOF, I, **RICHARD J. URIARTE**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

RICHARD J. URIARTE

IN TESTIMONY WHEREOF, I, **WILLIAM OUELLETTE**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

WILLIAM OUELLETTE

IN TESTIMONY WHEREOF, I, **ANDREW J. SKULAN**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ANDREW J. SKULAN

IN TESTIMONY WHEREOF, I, **ANDREW L. LEPLA**, HAVE EXECUTED AND DELIVERED THIS INSTRUMENT THIS _____ DAY OF AUGUST, 2015.

ANDREW L. LEPLA

IN TESTIMONY WHEREOF, I, JENNIFER R. FINIGAN, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

JENNIFER R. FINIGAN

IN TESTIMONY WHEREOF, I, MICHAEL J. PETRIN, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

MICHAEL J. PETRIN

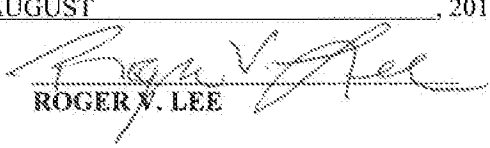
IN TESTIMONY WHEREOF, I, MARISA MACNAUGHTAN, HAVE EXECUTED AND DELIVERED
THIS INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

MARISA MACNAUGHTAN

IN TESTIMONY WHEREOF, I, TIMOTHY MUI, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS _____ DAY OF AUGUST _____, 2015.

TIMOTHY MUI

IN TESTIMONY WHEREOF, I, ROGER V. LEE, HAVE EXECUTED AND DELIVERED THIS
INSTRUMENT THIS 18 DAY OF AUGUST _____, 2015.



ROGER V. LEE