

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4887125

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES F. CORUM	09/08/2015
KENNETH L. CORUM	09/08/2015
BASIL F. PINZONE JR.	09/08/2015
JAMES D. LILLY	09/04/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CPG TECHNOLOGIES, LLC
<b>Street Address:</b>	1130 DALE ACRES ROAD
<b>City:</b>	ITALY
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	76651
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15886904
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(770)951-0933
<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>	770-933-9500
<b>Email:</b>	rebeka.jones@thomashorstemeyer.com
<b>Correspondent Name:</b>	MICHAEL J. D'AURELIO
<b>Address Line 1:</b>	3200 WINDY HILL ROAD
<b>Address Line 2:</b>	SUITE 1600E
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30339
<b>ATTORNEY DOCKET NUMBER:</b>	170300-1401
<b>NAME OF SUBMITTER:</b>	PRATIK J. JHANB
<b>SIGNATURE:</b>	/Pratik J. Jhanb/
<b>DATE SIGNED:</b>	03/28/2018
<b>Total Attachments: 12</b>	
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**ASSIGNMENT  
OF UTILITY PATENT APPLICATIONS**

WHEREAS, the following party:

<u>Name</u>	<u>Address</u>
James F. Corum	10142 Fairmount Rd. Newbury, OH 44065

hereinafter referred to as ASSIGNOR, has invented certain new and useful improvements ("inventions") as described and set forth in the U.S. utility applications listed in Appendix "A" to this Assignment attached hereto (hereinafter "Applications").

WHEREAS, **CPG Technologies, LLC**, a corporation of the State of Nevada, having a place of business at **10142 Fairmount Road, Newbury, OH 44065**, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said inventions, said utility applications, said provisional applications, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said inventions, said utility applications, and said provisional applications and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisionals, continuations, continuations-in-part, divisionals, reissues, and reexamination applications; and (b) the entire right, title and interest in and to said inventions, said utility applications, and said provisional applications for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions, said utility applications, or said provisional applications and to claim the aforesaid benefit of the right of priority.

*Utility Patent Assignment*

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said inventions, and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing dates and/or serial numbers above pertaining to the utility applications and/or the provisional applications on Appendix "A", if not known as of the date of execution of this document.

James F. Corum  
James F. Corum

Date: 9/8/15

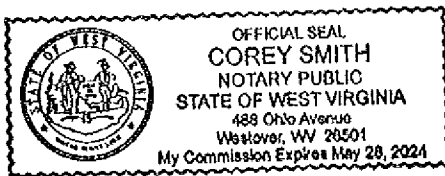
United States of America

State of

County of

On this 8 day of September, 2015, before me personally came James F. Corum to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

Corey Smith  
Notary Public



May 28, 2024  
My Commission Expires (Date)

**APPENDIX "A"**  
**TO ASSIGNMENT OF JAMES F. CORUM**

<b>TIH REF. NO.</b>	<b>TITLE OF INVENTION</b>	<b>APPLICATION NO.</b>	<b>FILING DATE</b>
170300-1210	ADAPTATION OF POLYPHASE WAVEGUIDE PROBES	14/848,653	09-09-2015
170300-1220	REMOTE SURFACE SENSING USING GUIDED SURFACE WAVE MODES ON LOSSY MEDIA	14/848,705	09-09-2015
170300-1230	SUBSURFACE SENSING USING GUIDED SURFACE WAVE MODES ON LOSSY MEDIA	14/848,892	09-09-2015
170300-1300	SITE PREPARATION FOR GUIDED SURFACE WAVE TRANSMISSION IN A LOSSY MEDIA	14/848,413	09-09-2015
170300-1350	FREQUENCY DIVISION MULTIPLEXING FOR WIRELESS POWER PROVIDERS	14/849,246	09-09-2015
170300-1380	GUIDED SURFACE WAVE TRANSMISSION OF MULTIPLE FREQUENCIES IN A LOSSY MEDIA	14/847,606	09-08-2015
170300-1400	HIERARCHICAL POWER DISTRIBUTION	14/847,704	09-08-2015
170300-1410	SUPERPOSITION OF GUIDED SURFACE WAVES ON LOSSY MEDIA	14/848,582	09-09-2015
170300-1460	VARIABLE FREQUENCY RECEIVERS FOR GUIDED SURFACE WAVE TRANSMISSIONS	14/847,639	09-08-2015
170300-1470	GEOLOCATION WITH GUIDED SURFACE WAVES	14/839,175	08-28-2015
170300-1540	SIMULTANEOUS MULTIFREQUENCY RECEIVE CIRCUITS	14/848,599	09-09-2015
170300-1560	EMBEDDING DATA ON A POWER SIGNAL	14/847,370	09-08-2015
170300-1600	GUIDED SURFACE WAVE POWERED SENSING DEVICES	14/847,821	09-08-2015
170300-1620	MODULATED GUIDED SURFACE WAVES	14/838,852	08-28-2015
170300-1640	CHEMICALLY ENHANCED ISOLATED CAPACITANCE	14/847,390	09-08-2015
170300-1700	SIMULTANEOUS TRANSMISSION AND RECEPTION OF GUIDED SURFACE WAVES	14/848,467	09-09-2015

**ASSIGNMENT  
OF UTILITY PATENT APPLICATIONS**

WHEREAS, the following party:

<u>Name</u>	<u>Address</u>
Kenneth L. Corum	10142 Fairmount Rd. Newbury, OH 44065

hereinafter referred to as ASSIGNOR, has invented certain new and useful improvements ("inventions") as described and set forth in the U.S. utility applications listed in Appendix "A" to this Assignment attached hereto (hereinafter "Applications").

WHEREAS, **CPG Technologies, LLC**, a corporation of the State of Nevada, having a place of business at **10142 Fairmount Road, Newbury, OH 44065**, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said inventions, said utility applications, said provisional applications, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said inventions, said utility applications, and said provisional applications and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisionals, continuations, continuations-in-part, divisionals, reissues, and reexamination applications; and (b) the entire right, title and interest in and to said inventions, said utility applications, and said provisional applications for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions, said utility applications, or said provisional applications and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said inventions, and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing dates and/or serial numbers above pertaining to the utility applications and/or the provisional applications on Appendix "A", if not known as of the date of execution of this document.

Kenneth L. Corum  
Kenneth L. Corum

Date: 9-8-2015

United States of America

State of NH

County of BRADFORD

On this 8th day of September, 2015, before me personally came **Kenneth L. Corum** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

Wendy Wright  
Notary Public

2-2-16  
My Commission Expires (Date)



**APPENDIX "A"**  
**TO ASSIGNMENT OF KENNETH L. CORUM**

TJH REF. NO.	TITLE OF INVENTION	APPLICATION NO.	FILING DATE
170300-1210	ADAPTATION OF POLYPHASE WAVEGUIDE PROBES	14/848,653	09-09-2015
170300-1220	REMOTE SURFACE SENSING USING GUIDED SURFACE WAVE MODES ON LOSSY MEDIA	14/848,705	09-09-2015
170300-1230	SUBSURFACE SENSING USING GUIDED SURFACE WAVE MODES ON LOSSY MEDIA	14/848,892	09-09-2015
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170300-1380	GUIDED SURFACE WAVE TRANSMISSION OF MULTIPLE FREQUENCIES IN A LOSSY MEDIA	14/847,606	09-08-2015
170300-1400	HIERARCHICAL POWER DISTRIBUTION	14/847,704	09-08-2015
170300-1410	SUPERPOSITION OF GUIDED SURFACE WAVES ON LOSSY MEDIA	14/848,582	09-09-2015
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170300-1470	GEOLOCATION WITH GUIDED SURFACE WAVES	14/839,175	08-28-2015
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170300-1560	EMBEDDING DATA ON A POWER SIGNAL	14/847,370	09-08-2015
170300-1600	GUIDED SURFACE WAVE POWERED SENSING DEVICES	14/847,821	09-08-2015
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170300-1640	CHEMICALLY ENHANCED ISOLATED CAPACITANCE	14/847,390	09-08-2015
170300-1700	SIMULTANEOUS TRANSMISSION AND RECEPTION OF GUIDED SURFACE WAVES	14/848,467	09-09-2015



**ASSIGNMENT  
OF UTILITY PATENT APPLICATIONS**

WHEREAS, the following party:

<u>Name</u>	<u>Address</u>
Basil F. Pinzone, Jr.	10142 Fairmount Rd. Newbury, OH 44065

hereinafter referred to as ASSIGNOR, has invented certain new and useful improvements ("inventions") as described and set forth in the U.S. utility applications listed in Appendix "A" to this Assignment attached hereto (hereinafter "Applications").

WHEREAS, **CPG Technologies, LLC**, a corporation of the State of Nevada, having a place of business at **10142 Fairmount Road, Newbury, OH 44065**, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said inventions, said utility applications, said provisional applications, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said inventions, said utility applications, and said provisional applications and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisionals, continuations, continuations-in-part, divisionals, reissues, and reexamination applications; and (b) the entire right, title and interest in and to said inventions, said utility applications, and said provisional applications for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

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Utility Patent Assignment

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ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said inventions, and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing dates and/or serial numbers above pertaining to the utility applications and/or the provisional applications on Appendix "A", if not known as of the date of execution of this document.



Basil F. Pinzone, Jr.

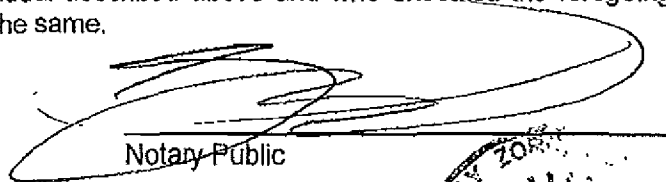
Date: 9/8/15

United States of America

State of

County of

On this 8 day of September, 2015, before me personally came **Basil F. Pinzone, Jr.** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.



Notary Public

June 18<sup>th</sup>  
My Commission Expires (Date)



**APPENDIX "A"**  
**TO ASSIGNMENT OF BASIL F. PINZONE, JR.**

<b>TIH REF. NO.</b>	<b>TITLE OF INVENTION</b>	<b>APPLICATION NO.</b>	<b>FILING DATE</b>
170300-1300	SITE PREPARATION FOR GUIDED SURFACE WAVE TRANSMISSION IN A LOSSY MEDIA	14/848,413	09-09-2015
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170300-1400	HIERARCHICAL POWER DISTRIBUTION	14/847,704	09-08-2015
170300-1560	EMBEDDING DATA ON A POWER SIGNAL	14/847,370	09-08-2015
170300-1700	SIMULTANEOUS TRANSMISSION AND RECEPTION OF GUIDED SURFACE WAVES	14/848,467	09-09-2015

**ASSIGNMENT  
OF UTILITY PATENT APPLICATIONS**

WHEREAS, the following party:

<u>Name</u>	<u>Address</u>
James D. Lilly	10142 Fairmount Rd. Newbury, OH 44065

hereinafter referred to as ASSIGNOR, has invented certain new and useful improvements ("inventions") as described and set forth in the U.S. utility applications listed in Appendix "A" to this Assignment attached hereto (hereinafter "Applications").

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*James D. Lilly*  
James D. Lilly

Date: 4<sup>th</sup> Sept. 2015

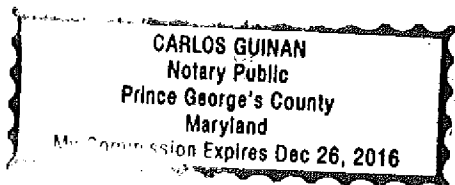
United States of America

State of Maryland

County of Prince George's County

On this 4<sup>th</sup> day of September, 2015, before me personally came **James D. Lilly** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

*Carlos Guinan*  
Notary Public



Dec 26, 2016

My Commission Expires (Date)

**APPENDIX "A"**  
**TO ASSIGNMENT OF JAMES D. LILLY**

<b>T H REF. NO.</b>	<b>TITLE OF INVENTION</b>	<b>APPLICATION NO.</b>	<b>FILING DATE</b>
170300-1300	SITE PREPARATION FOR GUIDED SURFAE WAVE TRANSMISSION IN A LOSSY MEDIA	14/848,413	09-09-2015
170300-1380	GUIDED SURFACE WAVE TRANSMISSION OF MULTIPLE FREQUENCIES IN A LOSSY MEDIA	14/847,606	09-08-2015
170300-1400	HIERARCHICAL POWER DISTRIBUTION	14/847,704	09-08-2015
170300-1470	GEOLOCATION WITH GUIDED SURFACE WAVES	14/839,175	08-28-2015
170300-1540	SIMULTANEOUS MULTIFREQUENCY RECEIVE CIRCUITS	14/848,599	09-09-2015
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