

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5631934

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
CHRISTIAAN RADELET	07/12/2019
THIERRY MIKE DECLERCK	05/16/2019
ROEL MODEST WILLY BRYON	05/26/2019
DIRK KEMPENEERS	05/16/2019
ROBERT VANHENTENRIJK	05/19/2019
DANNY WILLY AUGUST VERHEYDEN	05/21/2019
DAVID THOMAS BROWN	05/16/2019
MICHAEL MARIS	05/20/2019
VALJA EVERAERT	05/21/2019
HANS BOLS	05/14/2019

**RECEIVING PARTY DATA**

<b>Name:</b>	COMMSCOPE CONNECTIVITY BELGIUM BVBA
<b>Street Address:</b>	DIESTSESTEENWEG 692
<b>City:</b>	KESSEL-LO
<b>State/Country:</b>	BELGIUM
<b>Postal Code:</b>	B-3010

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16331424

**CORRESPONDENCE DATA**

**Fax Number:** (612)332-9081  
*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:** 6123325300  
**Email:** mrausch@merchantgould.com  
**Correspondent Name:** LORETTA L. FREEMAN  
**Address Line 1:** P.O. BOX 2903  
**Address Line 2:** MERCHANT & GOULD  
**Address Line 4:** MINNEAPOLIS, MINNESOTA 55402-2903

<b>ATTORNEY DOCKET NUMBER:</b>	02316.7028USWO
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PATENT

<b>NAME OF SUBMITTER:</b>	LORETTA L. FREEMAN
<b>SIGNATURE:</b>	/Loretta L. Freeman/
<b>DATE SIGNED:</b>	07/23/2019

**Total Attachments: 24**

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**ASSIGNMENT**

WHEREAS, we, Christiaan RADELET, Thierry Mike DECLERCK, Roel Modest Willy BRYON, Dirk KEMPENEERS, Robert VANHENTENRIJK, Danny Willy August VERHEYDEN, David Thomas BROWN, Michael MARIS, Valja EVERAERT, and Hans BOLLS made certain new and useful inventions and improvements for which we filed the following patent applications: National Stage Patent Application Serial No. 16/331,424, filed March 7, 2019; which is entitled ANISOTROPIC CABLE SEALING GELS; AND METHODS FOR FABRICATING CABLE SEALING GELS; which claims benefit from International Patent Application Serial No. PCT/US2017/050291, filed September 6, 2017; of which is entitled ANISOTROPIC CABLE SEALING GELS; AND METHODS FOR FABRICATING CABLE SEALING GELS; and which claims benefit from U.S. Patent Application Serial No. 62/492,697, filed May 1, 2017; of which is entitled METHODS OF FABRICATING COMPOSITE SEALING STRUCTURES WITH ANISOTROPIC PROPERTIES; and which claims benefit from U.S. Patent Application Serial No. 62/492,740, filed May 1, 2017; of which is entitled THREE DIMENSIONAL PRINTING TECHNIQUES FOR FABRICATING CABLE SEALING GELS; and which claims benefit from U.S. Patent Application Serial No. 62/492,724, filed May 1, 2017; of which is entitled REBOUND CABLE SEALING GELS; AND METHODS; which claims benefit from U.S. Patent Application Serial No. 62/492,713, filed May 1, 2017; of which is entitled ANISOTROPIC CABLE SEALING GELS; AND METHODS; and which claims benefit from U.S. Patent Application Serial No. 62/468,635, filed March 8, 2017; of which is entitled ANISOTROPIC CABLE SEALING GELS; AND METHODS; and which claims benefit from U.S. Patent Application Serial No. 62/468,607, filed March 8, 2017; of which is entitled REBOUND CABLE SEALING GELS; AND METHODS; and which claims benefit from U.S. Patent Application Serial No. 62/384,306, filed September 7, 2016; of which is entitled ANISOTROPIC CABLE SEALING GELS; AND METHODS; and which claims benefit from U.S. Patent Application Serial No. 62/384,328, filed September 7, 2016; of which is entitled REBOUND CABLE SEALING GELS; AND METHODS..

AND WHEREAS, CommScope Connectivity Belgium BVBA, a corporation organized and existing under and by virtue of the laws of the Country of Belgium, and having an office and place of business at Diestsesteenweg 692, B-3010 Kessel-Lo (hereinafter "Assignee") is desirous

of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

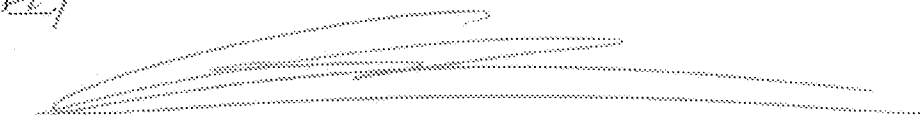
NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid applications, and the right(s) to claim priority thereto, and in and to the applications, all patent applications based upon said applications, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patents of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patents for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patents, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property

herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12 day of July, 2019



Christiaan RADELET  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

Thierry Mike DECLERCK  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

Roel Modest Willy BRYON  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

Dirk KEMPENEERS  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

Robert VANHENTENRIJK  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Danny Willy August VERHEYDEN  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
David Thomas BROWN  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Michael MARIS  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Valja EVERAERT  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Hans BOLS  
Inventor

**ASSIGNMENT**

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AND WHEREAS, CommScope Connectivity Belgium BVBA, a corporation organized and existing under and by virtue of the laws of the Country of Belgium, and having an office and place of business at Diestsesteenweg 692, B-3010 Kessel-Lo (hereinafter "Assignee") is desirous

Attorney Docket No. 02316.7028USWO

of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

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, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid applications, and the right(s) to claim priority thereto, and in and to the applications, all patent applications based upon said applications, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patents of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patents for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

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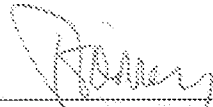
Attorney Docket No. 02316.7028USWO

herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.


IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Christiaan RADELET  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of May, 2019.

  
\_\_\_\_\_  
Thierry Mike DECLERCK  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of May, 2019.

  
\_\_\_\_\_  
Roel Modest Willy BRYON  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_ day of \_\_\_\_\_, 20\_\_.

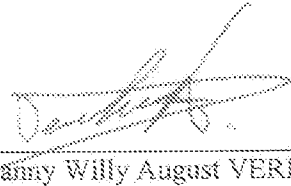
\_\_\_\_\_  
Dirk KEMPENEERS  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Robert VANHENTENRIJK  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of

May, 2019



Danny Willy August VERHEYDEN  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of

\_\_\_\_\_, 20\_\_\_\_

David Thomas BROWN  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of

May, 2019



Michael MARIS  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21<sup>st</sup> day of

May, 2019



Valja EVERAERT  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of

\_\_\_\_\_, 20\_\_\_\_

Hans BOLS  
Inventor

## ASSIGNMENT

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of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

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\_\_\_\_\_  
Christiaan RADELET  
Inventor


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Thierry Mike DECLERCK  
Inventor

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Roel Modest Willy BRYON  
Inventor

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\_\_\_\_\_  
Dirk KEMPENEERS  
Inventor

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Inventor

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Valja EVERAERT  
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Hans BOLS  
Inventor

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of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

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, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid applications, and the right(s) to claim priority thereto, and in and to the applications, all patent applications based upon said applications, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patents of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patents for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patents, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property



herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Christiaan RADELET  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Thierry Mike DECLERCK  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Roel Modest Willy BRYON  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Dirk KEMPENEERS  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1<sup>st</sup> day of MAY, 2018.

\_\_\_\_\_  
  
Robert VANHENTENRIJK  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

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Danny Willy August VERHEYDEN  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

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David Thomas BROWN  
Inventor

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Michael MARIS  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

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Valja EVERAERT  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

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Hans BOLS  
Inventor

**ASSIGNMENT**

WHEREAS, we, Christiaan RADELET, Thierry Mike DECLERCK, Roel Modest Willy BRYON, Dirk KEMPENEERS, Robert VANHENTENRIJK, Danny Willy August VERHEYDEN, David Thomas BROWN, Michael MARIS, Valja EVERAERT, and Hans BOLS made certain new and useful inventions and improvements for which we filed the following patent applications: National Stage Patent Application Serial No. 16/331,424, filed March 7, 2019; which is entitled ANISOTROPIC CABLE SEALING GELS; AND METHODS FOR FABRICATING CABLE SEALING GELS; which claims benefit from International Patent Application Serial No. PCT/US2017/050291, filed September 6, 2017; of which is entitled ANISOTROPIC CABLE SEALING GELS; AND METHODS FOR FABRICATING CABLE SEALING GELS; and which claims benefit from U.S. Patent Application Serial No. 62/492,697, filed May 1, 2017; of which is entitled METHODS OF FABRICATING COMPOSITE SEALING STRUCTURES WITH ANISOTROPIC PROPERTIES; and which claims benefit from U.S. Patent Application Serial No. 62/492,740, filed May 1, 2017; of which is entitled THREE DIMENSIONAL PRINTING TECHNIQUES FOR FABRICATING CABLE SEALING GELS; and which claims benefit from U.S. Patent Application Serial No. 62/492,724, filed May 1, 2017; of which is entitled REBOUND CABLE SEALING GELS; AND METHODS; which claims benefit from U.S. Patent Application Serial No. 62/492,713, filed May 1, 2017; of which is entitled ANISOTROPIC CABLE SEALING GELS; AND METHODS; and which claims benefit from U.S. Patent Application Serial No. 62/468,635, filed March 8, 2017; of which is entitled ANISOTROPIC CABLE SEALING GELS; AND METHODS; and which claims benefit from U.S. Patent Application Serial No. 62/468,607, filed March 8, 2017; of which is entitled REBOUND CABLE SEALING GELS; AND METHODS; and which claims benefit from U.S. Patent Application Serial No. 62/384,306, filed September 7, 2016; of which is entitled ANISOTROPIC CABLE SEALING GELS; AND METHODS; and which claims benefit from U.S. Patent Application Serial No. 62/384,328, filed September 7, 2016; of which is entitled REBOUND CABLE SEALING GELS; AND METHODS..

AND WHEREAS, CommScope Connectivity Belgium BVBA, a corporation organized and existing under and by virtue of the laws of the Country of Belgium, and having an office and place of business at Diestsesteenweg 692, B-3010 Kessel-Lo (hereinafter "Assignee") is desirous

Attorney Docket No. 02316.7028USWO

of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

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, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid applications, and the right(s) to claim priority thereto, and in and to the applications, all patent applications based upon said applications, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patents of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patents for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

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Christiaan RADELET  
Inventor

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\_\_\_\_\_  
Thierry Mike DECLERCK  
Inventor

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\_\_\_\_\_  
Roel Modest Willy BRYON  
Inventor

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\_\_\_\_\_  
Dirk KEMPENEERS  
Inventor

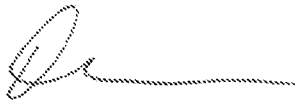
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\_\_\_\_\_  
Robert VANHENTENRIJK  
Inventor

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\_\_\_\_\_  
Danny Willy August VERHEYDEN  
Inventor

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\_\_\_\_\_  
David Thomas BROWN  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16<sup>th</sup> day of MAY, 2019.

\_\_\_\_\_  
Michael MARIS  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Valja EVERAERT  
Inventor

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\_\_\_\_\_  
Hans BOLS  
Inventor

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Christiaan RADELET  
Inventor

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Thierry Mike DECLERCK  
Inventor

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Roel Modest Willy BRYON  
Inventor

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Dirk KEMPENEERS  
Inventor

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Inventor

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\_\_\_\_\_  
Danny Willy August VERHEYDEN  
Inventor

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\_\_\_\_\_  
David Thomas BROWN  
Inventor

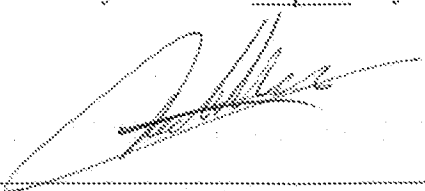
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\_\_\_\_\_  
Michael MARIS  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Valja EVERAERT  
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14 day of MAY, 2019.

  
\_\_\_\_\_  
Hans BOLS  
Inventor