PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| Carl Johannes FRUTH | 11/30/2010 |
| Robert FEULNER | 11/27/2010 |
| Ernst SCHMACHTENBERG | 11/20/2010 |
| Dominik RIETZEL | 11/24/2010 |

RECEIVING PARTY DATA

| Name: | FIT FRUTH INNOVATIVE TECHNOLOGIEN GMBH |
|-----------------|--|
| Street Address: | Eichenbuehl 10 |
| City: | Parsberg |
| State/Country: | GERMANY |
| Postal Code: | 92331 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12993230 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | FIT001-00093 |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | Jeffrey D. Tekanic |

Total Attachments: 8

PATENT REEL: 025707 FRAME: 0862 P \$40.00 12993230

501419298



WHEREAS, the undersigned inventor(s), Carl Johannes FRUTH, of Eichendorffstrasse 22, 92331 Parsberg, Germany, Robert FEULNER, of Lachnerstr. 65, 91058 Erlangen, Germany, Ernst SCHMACHTENBERG, of RWTH Aachen, Rektorat, Templergraben 55, 52062 Aachen, Germany and Dominik RIETZEL, of Dompropststr. 41, 91056 Erlangen, Germany (hereinafter referred to as "the Assignor(s)"), has/have invented certain new and useful improvements in "FIBERS FOR USE IN THE PRODUCTION OF A MOLDED BODY FORMED IN LAYERS", for which the US national stage will be entered based upon PCT Application Serial Number PCT/EP2008/006857; and

WHEREAS, FIT FRUTH INNOVATIVE TECHNOLOGIEN GMBH, a limited liability entity organized under the laws of Germany and having a principal place of business at Eichenbühl 10, 92331 Parsberg, Germany (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest of the Assignor(s) in and to said improvements, the entire right, title and interest of the Assignor(s) in and to any US patent application(s) based on said improvements, and in and to any Patent(s) of the United States, to be obtained therefor and thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor(s) has/have sold, assigned, transferred, and set over, do hereby sell, assign, transfer, and set over, unto the Assignee, their successors, legal representatives, and assigns, the entire right, title, and interest of the Assignor(s) in and to the above-mentioned improvements, the entire right, title and interest of the Assignor(s) in and to any US patent applications and any and all Patent of the United States of America that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for their own use and behalf and the use and behalf of their successors, legal representatives, and assigns, to the full end of the term or terms for which Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor(s) had this sale and assignment not been made;

AND for the same consideration, the Assignor(s) hereby covenant(s) to and agree(s) with the Assignee, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor(s) is/are the sole and lawful owner(s) of the entire right, title, and interest in and to the improvements set forth in said above-mentioned application, and that the same right, title, and interest are unencumbered, and that the Assignor(s) has/have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor(s) hereby covenant(s) to and agree(s) with the Assignee, their successors, legal representatives, and assigns that the Assignor(s) will, whenever counsel of the Assignee, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said improvements or said applications for Patents, or any proceeding in connection with Patents for said improvements in the United States of America, including interference proceedings, is lawful and desirable, or that any application claiming priority to said

AND the Assignor(s) hereby request(s) the Commissioner of Patents and Trademarks to issue any and all said Patent(s) of the United States to the Assignee as the Assignee of said improvements, the Patent(s) to be issued for the sole use and behalf of the Assignee, their successors, legal representatives, and assigns.

| Date: 30.11.1010 | ByCarl Johannes FRUTH | _ |
|------------------|-----------------------|---|
| Date: | ByRobert FEULNER | _ |
| Date: | ByEmst SCHMACHTENBERG | _ |
| Date: | By Dominik RIETZEL | _ |

WHEREAS, the undersigned inventor(s), Carl Johannes FRUTH, of Eichendorffstrasse 22, 92331 Parsberg, Germany, Robert FEULNER, of Lachnerstr. 65, 91058 Erlangen, Germany, Ernst SCHMACHTENBERG, of RWTH Aachen, Rektorat, Templergraben 55, 52062 Aachen, Germany and Dominik RIETZEL, of Dompropststr. 41, 91056 Erlangen, Germany (hereinafter referred to as "the Assignor(s)"), has/have invented certain new and useful improvements in "FIBERS FOR USE IN THE PRODUCTION OF A MOLDED BODY FORMED IN LAYERS", for which the US national stage will be entered based upon PCT Application Serial Number PCT/EP2008/006857; and

WHEREAS, FIT FRUTH INNOVATIVE TECHNOLOGIEN GMBH, a limited liability entity organized under the laws of Germany and having a principal place of business at Eichenbühl 10, 92331 Parsberg, Germany (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest of the Assignor(s) in and to said improvements, the entire right, title and interest of the Assignor(s) in and to any US patent application(s) based on said improvements, and in and to any Patent(s) of the United States, to be obtained therefor and thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor(s) has/have sold, assigned, transferred, and set over, do hereby sell, assign, transfer, and set over, unto the Assignee, their successors, legal representatives, and assigns, the entire right, title, and interest of the Assignor(s) in and to the above-mentioned improvements, the entire right, title and interest of the Assignor(s) in and to any US patent applications and any and all Patent of the United States of America that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for their own use and behalf and the use and behalf of their successors, legal representatives, and assigns, to the full end of the term or terms for which Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor(s) had this sale and assignment not been made;

AND for the same consideration, the Assignor(s) hereby covenant(s) to and agree(s) with the Assignee, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor(s) is/are the sole and lawful owner(s) of the entire right, title, and interest in and to the improvements set forth in said above-mentioned application, and that the same right, title, and interest are unencumbered, and that the Assignor(s) has/have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor(s) hereby covenant(s) to and agree(s) with the Assignee, their successors, legal representatives, and assigns that the Assignor(s) will, whenever counsel of the Assignee, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said improvements or said applications for Patents, or any proceeding in connection with Patents for said improvements in the United States of America, including interference proceedings, is lawful and desirable, or that any application claiming priority to said

AND the Assignor(s) hereby request(s) the Commissioner of Patents and Trademarks to issue any and all said Patent(s) of the United States to the Assignee as the Assignee of said improvements, the Patent(s) to be issued for the sole use and behalf of the Assignee, their successors, legal representatives, and assigns.

| Date: | By |
|------------------|-----------------------|
| | Carl Johannes FRUTH |
| Date: 11/27/2010 | By Dr. Robert FEULNER |
| Date: | ByEmst SCHMACHTENBERG |
| Date: | By Dominik RIETZEL |

WHEREAS, the undersigned inventor(s), Carl Johannes FRUTH, of Eichendorffstrasse 22, 92331 Parsberg, Germany, Robert FEULNER, of Lachnerstr. 65, 91058 Erlangen, Germany, Ernst SCHMACHTENBERG, of RWTH Aachen, Rektorat, Templergraben 55, 52062 Aachen, Germany and Dominik RIETZEL, of Dompropststr. 41, 91056 Erlangen, Germany (hereinafter referred to as "the Assignor(s)"), has/have invented certain new and useful improvements in "FIBERS FOR USE IN THE PRODUCTION OF A MOLDED BODY FORMED IN LAYERS", for which the US national stage will be entered based upon PCT Application Serial Number PCT/EP2008/006857; and

WHEREAS, FIT FRUTH INNOVATIVE TECHNOLOGIEN GMBH, a limited liability entity organized under the laws of Germany and having a principal place of business at Eichenbühl 10, 92331 Parsberg, Germany (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest of the Assignor(s) in and to said improvements, the entire right, title and interest of the Assignor(s) in and to any US patent application(s) based on-said improvements, and in and to any Patent(s) of the United States, to be obtained therefor and thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor(s) has/have sold, assigned, transferred, and set over, do hereby sell, assign, transfer, and set over, unto the Assignee, their successors, legal representatives, and assigns, the entire right, title, and interest of the Assignor(s) in and to the above-mentioned improvements, the entire right, title and interest of the Assignor(s) in and to any US patent applications and any and all Patent of the United States of America that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for their own use and behalf and the use and behalf of their successors, legal representatives, and assigns, to the full end of the term or terms for which Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor(s) had this sale and assignment not been made;

AND for the same consideration, the Assignor(s) hereby covenant(s) to and agree(s) with the Assignee, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor(s) is/are the sole and lawful owner(s) of the entire right, title, and interest in and to the improvements set forth in said above-mentioned application, and that the same right, title, and interest are unencumbered, and that the Assignor(s) has/have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor(s) hereby covenant(s) to and agree(s) with the Assignee, their successors, legal representatives, and assigns that the Assignor(s) will, whenever counsel of the Assignee, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said improvements or said applications for Patents, or any proceeding in connection with Patents for said improvements in the United States of America, including interference proceedings, is lawful and desirable, or that any application claiming priority to said

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| Date: | Ву |
|--------------------|----------------------|
| | Carl Johannes FRUTH |
| Date: | By |
| | Robert FEULNER |
| Date: 20. 11. 2010 | By E. Schmachtenberg |
| | Emst SCHMACHTENBERG |
| Date: | Ву |
| | Dominik RIETZEL |

WHEREAS, the undersigned inventor(s), Carl Johannes FRUTH, of Eichendorffstrasse 22, 92331 Parsberg, Germany, Robert FEULNER, of Lachnerstr. 65, 91058 Erlangen, Germany, Ernst SCHMACHTENBERG, of RWTH Aachen, Rektorat, Templergraben 55, 52062 Aachen, Germany and Dominik RIETZEL, of Dompropststr. 41, 91056 Erlangen, Germany (hereinafter referred to as "the Assignor(s)"), has/have invented certain new and useful improvements in "FIBERS FOR USE IN THE PRODUCTION OF A MOLDED BODY FORMED IN LAYERS", for which the US national stage will be entered based upon PCT Application Serial Number PCT/EP2008/006857; and

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor(s) has/have sold, assigned, transferred, and set over, do hereby sell, assign, transfer, and set over, unto the Assignee, their successors, legal representatives, and assigns, the entire right, title, and interest of the Assignor(s) in and to the above-mentioned improvements, the entire right, title and interest of the Assignor(s) in and to any US patent applications and any and all Patent of the United States of America that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for their own use and behalf and the use and behalf of their successors, legal representatives, and assigns, to the full end of the term or terms for which Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor(s) had this sale and assignment not been made;

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| Date: | Ву |
|-------------------|----------------------|
| _ | Carl Johannes FRUTH |
| Date: | Ву |
| | Robert FEULNER |
| Date: | Ву |
| | Ernst SCHMACHTENBERG |
| Date: 24.11. 2010 | By |
| | Dominik RIETZEL |