

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jeroen VAN DEN BRAND</td> <td>07/03/2012</td> </tr> <tr> <td>Sander Christiaan BROERS</td> <td>08/23/2012</td> </tr> <tr> <td>Milan SAALMINK</td> <td>08/14/2012</td> </tr> <tr> <td>Andreas Heinrich DIETZEL</td> <td>08/13/2012</td> </tr> <tr> <td>Andreas TANDA</td> <td>08/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jeroen VAN DEN BRAND	07/03/2012	Sander Christiaan BROERS	08/23/2012	Milan SAALMINK	08/14/2012	Andreas Heinrich DIETZEL	08/13/2012	Andreas TANDA	08/14/2012
Name	Execution Date												
Jeroen VAN DEN BRAND	07/03/2012												
Sander Christiaan BROERS	08/23/2012												
Milan SAALMINK	08/14/2012												
Andreas Heinrich DIETZEL	08/13/2012												
Andreas TANDA	08/14/2012												
RECEIVING PARTY DATA													
Name:	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO												
Street Address:	Schoemakerstraat 97												
City:	Delft												
State/Country:	NETHERLANDS												
Postal Code:	2628 VK												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13511472</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13511472								
Property Type	Number												
Application Number:	13511472												
CORRESPONDENCE DATA													
Fax Number:	8587205125												
Phone:	(858) 720-5112												
Email:	gsarda@mofa.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Kate H. Murashige												
Address Line 1:	Morrison & Foerster LLP												
Address Line 2:	12531 High Bluff Drive, Suite 100												
Address Line 4:	San Diego, CALIFORNIA 92130-2040												
ATTORNEY DOCKET NUMBER:	313632014300												

NAME OF SUBMITTER:

Kate H. Murashige

**Total Attachments: 10**

source=313632014300\_ASSIGNMENT#page1.tif

source=313632014300\_ASSIGNMENT#page2.tif

source=313632014300\_ASSIGNMENT#page3.tif

source=313632014300\_ASSIGNMENT#page4.tif

source=313632014300\_ASSIGNMENT#page5.tif

source=313632014300\_ASSIGNMENT#page6.tif

source=313632014300\_ASSIGNMENT#page7.tif

source=313632014300\_ASSIGNMENT#page8.tif

source=313632014300\_ASSIGNMENT#page9.tif

source=313632014300\_ASSIGNMENT#page10.tif

### ASSIGNMENT

This assignment is by:

1. Jeroen VAN DEN BRAND  
Hoge Wal 80  
5053 AT Goirle  
NETHERLANDS
2. Sander Christiaan BROERS  
Kazemelaan 6  
6006 LW Weert  
NETHERLANDS
3. Milan Saalmink  
Pegbroekenlaan 23  
5504 MP Veldhoven  
The Netherlands
4. Andreas Heinrich Dietzel  
Altewiekring 11  
38102 Braunschweig  
Germany
5. Andreas TANDA  
Drouotstrasse 10  
4020 Linz  
AUSTRIA

(referred to in this Assignment as "Assignors"), who reside at or have a mailing address as listed above.

This Assignment is to:

Assignee: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO  
Address: Schoemakerstraat 97, 2628 Vx Delft, NETHERLANDS  
A research organisation duly organized under and pursuant to the laws of: Netherlands

(referred to in this Assignment as "Assignee"), who desires to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignors have invented certain new and useful inventions in:

#### METHOD AND APPARATUS FOR LAMINATING A FIRST AND A SECOND SHEET

for which Assignors have filed an application for patent in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 13/511,472

International Filing Date: November 1, 2010

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1

sd-592268

1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

2. Assignors represent, warrant and covenant that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.

3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.

4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 03 07 12

Signature:   
Jeroen VAN DEN BRAND

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Sander Christiaan BROERS

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Milan SAALMINK

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Andreas Heinrich DIETZEL

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Andreas TANDA

**ASSIGNMENT**

This assignment is by:

1. Jeroen VANDEN BRAND  
Hoge Wal 80  
5053 AT Goirle  
NETHERLANDS
2. Sander Christiaan BROERS  
Kazernelaan 6  
6006 LW Weert  
NETHERLANDS
3. Milan Saalmink  
Pegbroekenlaan 23  
5504 MP Veldhoven  
The Netherlands
4. Andreas Heinrich Dietzel  
Altewiekring 11  
38102 Braunschweig  
Germany
5. Andreas TANDA  
Drouotstrasse 10  
4020 Linz  
AUSTRIA

(referred to in this Assignment as "Assignors"), who reside at or have a mailing address as listed above.

This Assignment is to:

Assignee: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO  
Address: Schoemakerstraat 97, 2628 Vk Delft, NETHERLANDS  
A research organisation duly organized under and pursuant to the laws of: Netherlands

(referred to in this Assignment as "Assignee"), who desires to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignors have invented certain new and useful inventions in:

**METHOD AND APPARATUS FOR LAMINATING A FIRST AND A SECOND SHEET**

for which Assignors have filed an application for patent in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 13/511,472

International Filing Date: November 1, 2010

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1

sd-592268

1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.
2. Assignors represent, warrant and covenant that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.
3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.
4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: _____	Signature: _____ Jeroen VAN DEN BRAND
Date: <u>23 AUG 2012</u>	Signature: _____ Sander Christiaan BROERS
Date: _____	Signature: _____ Milan SAALMINK
Date: _____	Signature: _____ Andreas Heinrich DIETZEL
Date: _____	Signature: _____ Andreas TANDA

**ASSIGNMENT**

This assignment is by:

1. Jeroen VAN DEN BRAND  
Hoge Wal 80  
5053 AT Golrie  
NETHERLANDS
2. Sander Christiaan BROERS  
Kazemelaan 6  
6006 LW Weert  
NETHERLANDS
3. Milan Saalmink  
Pegbroekenlaan 23  
5504 MP Veldhoven  
The Netherlands
4. Andreas Heinrich Dietzel  
Altewiekkring 11  
38102 Braunschweig  
Germany
5. Andreas TANDA  
Drouotstrasse 10  
4020 Linz  
AUSTRIA

(referred to in this Assignment as "Assignors"), who reside at or have a mailing address as listed above.

This Assignment is to:

Assignee: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO  
Address: Schoemakerstraat 97, 2628 Vt Delft, NETHERLANDS  
A research organisation duly organized under and pursuant to the laws of: Netherlands

(referred to in this Assignment as "Assignee"), who desires to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignors have invented certain new and useful inventions in:

**METHOD AND APPARATUS FOR LAMINATING A FIRST AND A SECOND SHEET**

for which Assignors have filed an application for patent in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 13/511,472

International Filing Date: November 1, 2010

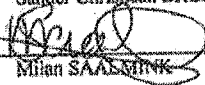
For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1

sd-592268

1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.
2. Assignors represent, warrant and covenant that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.
3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.
4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: _____	Signature: _____ Jeroen VAN DEN BRAND
Date: _____	Signature: _____ Sander Christiaan BROERS
Date: <u>14-01-2012</u>	Signature: _____  Milan SAALSMINK
Date: _____	Signature: _____ Andreas Heinrich DIETZEL
Date: _____	Signature: _____ Andreas TANDA



**ASSIGNMENT**

This assignment is by:

1. Jeroen VAN DEN BRAND  
Hoge Wal 80  
5053 AT Goirle  
NETHERLANDS
2. Sander Christiaan BROERS  
Kazemelaan 6  
6006 LW Weert  
NETHERLANDS
3. Milan Saalmink  
Pegbroekenlaan 23  
5504 MP Veldhoven  
The Netherlands
4. Andreas Heinrich Dietzel  
Altewiekring 11  
38102 Braunschweig  
Germany
5. Andreas TANDA  
Drouotstrasse 10  
4020 Linz  
AUSTRIA

(referred to in this Assignment as "Assignors"), who reside at or have a mailing address as listed above.

This Assignment is to:

Assignee: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO  
Address: Schoemakerstraat 97, 2628 Vk Delft, NETHERLANDS  
A research organisation duly organized under and pursuant to the laws of: Netherlands

(referred to in this Assignment as "Assignee"), who desires to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignors have invented certain new and useful inventions in:

**METHOD AND APPARATUS FOR LAMINATING A FIRST AND A SECOND SHEET**

for which Assignors have filed an application for patent in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 13/511,472

International Filing Date: November 1, 2010

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1

sd-592268

1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.
2. Assignors represent, warrant and covenant that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.
3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.
4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Jeroen VAN DEN BRAND

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Sander Christiaan BROERS

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Milan SAALMINK

Date: 12/8/2012

Signature: \_\_\_\_\_  
Andreas Heinrich DIETZEL

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Andreas TANDA

### ASSIGNMENT

This assignment is by:

1. Jeroen VAN DEN BRAND  
Hoge Wal 80  
5053 AT Goirle  
NETHERLANDS
2. Sander Christiaan BROERS  
Kazernelaan 6  
6006 LW Weert  
NETHERLANDS
3. Milan Saalmink  
Pegbroekenlaan 23  
5504 MP Veldhoven  
The Netherlands
4. Andreas Heinrich Dietzel  
Altewiekring 11  
38102 Braunschweig  
Germany
5. Andreas TANDA  
Drouotstrasse 10  
4020 Linz  
AUSTRIA

(referred to in this Assignment as "Assignors"), who reside at or have a mailing address as listed above.

This Assignment is to:

Assignee: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO  
Address: Schoemakerstraat 97, 2528 Vk Delft, NETHERLANDS  
A research organisation duly organized under and pursuant to the laws of: Netherlands

(referred to in this Assignment as "Assignee"), who desires to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignors have invented certain new and useful inventions in:

#### METHOD AND APPARATUS FOR LAMINATING A FIRST AND A SECOND SHEET

for which Assignors have filed an application for patent in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 13/511,472

International Filing Date: November 1, 2010

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1

sd-592268

1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

2. Assignors represent, warrant and covenant that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.

3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.

4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: _____	Signature: _____ Jeroen VAN DEN BRAND
Date: _____	Signature: _____ Sander Christiaan BROERS
Date: _____	Signature: _____ Milan SAALMINK
Date: _____	Signature: _____ Andreas Heinrich DIETZEL
Date: 14.08.2012	Signature: _____ Andreas TANDA