

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | |
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| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Dow Europe GmbH</td><td>07/30/2008</td></tr><tr><td>DCOMCO INC.</td><td>07/30/2008</td></tr><tr><td>Dow Benelux B.V.</td><td>07/30/2008</td></tr></tbody></table> | Name | Execution Date | Dow Europe GmbH | 07/30/2008 | DCOMCO INC. | 07/30/2008 | Dow Benelux B.V. | 07/30/2008 | |
| Name | Execution Date | | | | | | | | |
| Dow Europe GmbH | 07/30/2008 | | | | | | | | |
| DCOMCO INC. | 07/30/2008 | | | | | | | | |
| Dow Benelux B.V. | 07/30/2008 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | THE DOW CHEMICAL COMPANY | | | | | | | | |
| Street Address: | 2030 Dow Center | | | | | | | | |
| City: | Midland | | | | | | | | |
| State/Country: | MICHIGAN | | | | | | | | |
| Postal Code: | 48674 | | | | | | | | |
| 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>12301934</td></tr></tbody></table> | Property Type | Number | Application Number: | 12301934 | | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 12301934 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: | (713)228-8778 | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | |
| Phone: | 7132288600 | | | | | | | | |
| Email: | wright@oshaliang.com | | | | | | | | |
| Correspondent Name: | Jeffrey S. Bergman | | | | | | | | |
| Address Line 1: | 909 Fannin St. | | | | | | | | |
| Address Line 2: | Suite 3500 | | | | | | | | |
| Address Line 4: | Houston, TEXAS 77010 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 02468/015002 (64905) TLW | | | | | | | | |
| NAME OF SUBMITTER: | Jeffrey S. Bergman | | | | | | | | |
| Total Attachments: 9 source=64905_TDCC_20090305112247#page1.tif | | | | | | | | | |

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PATENT
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This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

FORM 440

ASSIGNMENT

(with Priority Rights)
and
INVENTORSHIP DECLARATION

We, ASSIGNOR, of: **DOW EUROPE GMBH**
Bachtobelstrasse 3
8810 Horgen
SWITZERLAND

a corporation organized and existing under the laws of SWITZERLAND do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Michael Cook, Zweierhof 2, 8824 Schoenenberg, SWITZERLAND, Citizen of United Kingdom

by an Assignment dated: May 29, 2008

of an invention relating to and entitled:

ADDITIVES FOR THE USE OF MICROWAVE ENERGY TO SELECTIVELY HEAT THERMOPLASTIC POLYMER SYSTEMS

We do hereby declare, for good and valuable consideration, received, sell, assign, and transfer unto:

WE, the ASSIGNEE: **THE DOW CHEMICAL COMPANY**
2030 Dow Center
Midland, Michigan 48674
UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number, Filing Date, and Filing Country

| Priority Number | Filing Date | Filing Country |
|-----------------|--------------|--------------------------|
| 60/809,526 | May 31, 2006 | United States of America |

of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the corresponding Application Number, Filing Date, and Filing Country

| Application Number | Filing Date | Filing Country |
|--------------------|-------------|----------------|
| | | |

of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Sworn by us at **Midland, Michigan 48674, USA**

this 30 day of July, 20 08

CORP.
SEAL

DOW EUROPE GMBH

By: Michael L. Glenn

MICHAEL L. GLENN

Authorized Representative

Attach Notarial Certificate (Corporation)

This Notarial Certificate \$50 is in the FIDIC 1994 version, at the

FORM 550

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

I further certify that said authority, dated **June 10, 2004**, is based on

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

[Signature]

[illegible]

FORM 660

REEL: 022357 FRAME: 0790

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

REEL: 022357 FRAME: 0791

FORM 550

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Kathy Sue Wertz

NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2012

FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **THE DOW CHEMICAL COMPANY**
2030 Dow Center
Midland, Michigan 48674
UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: July 30, 2008
From the ASSIGNEE

From, the ASSIGNOR:

DCOMCO INC.
2030 Dow Center
Midland, Michigan 48674
UNITED STATES OF AMERICA

of the invention entitled:

ADDITIVES FOR THE USE OF MICROWAVE ENERGY TO SELECTIVELY HEAT THERMOPLASTIC POLYMER SYSTEMS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USA

this 30 day of July, 20 08

CORP
SEAL

THE DOW CHEMICAL COMPANY

By:

MICHAEL L. GLENN
Authorized Representative

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 30 day of July, 2008, personally appeared before me, **MICHAEL L. GLENN, Authorized Representative**, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Corporation incorporated under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated **February 9, 2006**, is based on

an authority of a Resolution by the Board of Directors

which I have seen, appointing the said individual ~~Authorized~~ Representative with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SBAI

Kathy Sue Wertz
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2012

PATENT

REEL: 022357 FRAME: 0793

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This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

FORM 440

ASSIGNMENT

(with Priority Rights)

and

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:
DOW BENELUX B.V.
Herbert H. Dowweg 5
4542 NM Hoek
NETHERLANDS

a corporation organized and existing under the laws of NETHERLANDS do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Ronald G.J. Van Daele, Koutermolenstraat 85, 9111 Belsele, BELGIUM, Citizen of Belgium

by an Assignment dated: May 23, 2008
of an invention relating to and entitled:

ADDITIVES FOR THE USE OF MICROWAVE ENERGY TO SELECTIVELY HEAT THERMOPLASTIC POLYMER SYSTEMS

We do hereby declare, for good and valuable consideration, received, sell, assign, and transfer unto:

WE, the ASSIGNEE: **THE DOW CHEMICAL COMPANY**
2030 Dow Center
Midland, Michigan 48674
UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number, Filing Date, and Filing Country

| Priority Number | Filing Date | Filing Country |
|-----------------|--------------|--------------------------|
| 60/809,526 | May 31, 2006 | United States of America |

of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the corresponding Application Number, Filing Date, and Filing Country

| Application Number | Filing Date | Filing Country |
|--------------------|--------------|----------------|
| PCT/US2007/12822 | May 31, 2007 | International |

of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Sworn by us at Midland, Michigan 48674, USA

this 30 day of July, 20 08

CORP.
SEAL

DOW BENELUX B.V.

By:

Michael L. Glenn
MICHAEL L. GLENN

Authorized Representative

Attach Notarial Certificate (Corporation)

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
 STATE OF MICHIGAN) SS
 County/Parish of Midland)

On this 30 day of July, 2008, personally appeared before me, **MICHAEL L. GLENN, Authorized Representative**, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Corporation incorporated under the laws of **NETHERLANDS**.

I further certify that said authority, dated **August 21, 2003**, is based on
 by authority of a **Power of Attorney**

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Kathy Sue Wertz
Kathy Sue Wertz
 NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
 MY COMMISSION EXPIRES APRIL 07, 2012

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **THE DOW CHEMICAL COMPANY**
2030 Dow Center
Midland, Michigan 48674
UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: July 30, 2008

From, the ASSIGNOR:
DOW BENELUX B.V.
Herbert H. Dowweg 5
4542 NM Hoek
NETHERLANDS

of the invention entitled:

ADDITIVES FOR THE USE OF MICROWAVE ENERGY TO SELECTIVELY HEAT THERMOPLASTIC POLYMER SYSTEMS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USA

this 30 day of July, 20 08

CORP.
SEAL

THE DOW CHEMICAL COMPANY

By: Michael L. Glenn
MICHAEL L. GLENN
Authorized Representative

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 30 day of July, 20 08, personally appeared
before me, **MICHAEL L. GLENN, Authorized Representative**,
known or identified to me to be the individual described in and who executed the foregoing document
and acknowledged the same as a free act and deed for uses and purposes therein expressed by
authority of the said Corporation incorporated under the laws of **the State of Delaware, United
States of America**.

I further certify that said authority, dated February 9, 2006, is based on
an authority of a Resolution by the Board of Directors

which I have seen, appointing the said individual Authorized Representative with full power to sign
the foregoing document on behalf of the said corporation and that the purposes for which said
document is granted are within the scope of the objects or activities of said corporation.

SEAL

Kathy Sue Wertz
Kathy Sue Wertz
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2012

PATENT