

PATENT ASSIGNMENT

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| 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>Margot Elisabeth Francoise SCHOONEVELD-BERGMANS</td> <td>09/25/2012</td> </tr> <tr> <td>Wilbert Herman Marie HEIJNE</td> <td>09/25/2012</td> </tr> <tr> <td>Alrik Pieter LOS</td> <td>09/17/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Margot Elisabeth Francoise SCHOONEVELD-BERGMANS | 09/25/2012 | Wilbert Herman Marie HEIJNE | 09/25/2012 | Alrik Pieter LOS | 09/17/2012 |
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| Margot Elisabeth Francoise SCHOONEVELD-BERGMANS | 09/25/2012 | | | | | | | | |
| Wilbert Herman Marie HEIJNE | 09/25/2012 | | | | | | | | |
| Alrik Pieter LOS | 09/17/2012 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
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| State/Country: | NETHERLANDS | | | | | | | | |
| Postal Code: | 6411 TE | | | | | | | | |
| 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>13806059</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13806059 | | | | |
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| Application Number: | 13806059 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 2919208-117001 | | | | | | | | |
| NAME OF SUBMITTER: | David W. Woodward | | | | | | | | |
| Total Attachments: 3 source=2919208_117001_assignment#page1.tif source=2919208_117001_assignment#page2.tif source=2919208_117001_assignment#page3.tif | | | | | | | | | |

CH \$40.00 13806059

ASSIGNMENT

THIS ASSIGNMENT, made by

SCHOONEVELD-BERGMANS, Margot Elisabeth Francoise
HEIJNE, Wilbert Herman Marie
LOS, Atrik Pieter

(hereinafter referred to as Assignor);

WHEREAS, Assignor has invented certain new and useful improvements in
POLYPEPTIDE HAVING OR ASSISTING IN CARBOHYDRATE MATERIAL DEGRADING ACTIVITY
AND USES THEREOF

, set forth in the following application: **national stage of PCT/EP2011/060577** filed on **23 June 2011**
and

WHEREAS, **DSM IP Assets B.V** (hereinafter referred to as Assignee), whose address is
Het Overloon 1, 6411 TE HEERLEN, The Netherlands, are desirous of acquiring the entire right,
including the right to claim priority from, title and interest in and to said inventions and said Application
for Letters Patent of the United States, and in and to any Letters Patent of the United States to be
obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient considerations, the receipt of which is hereby
acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell,
assign, transfer and set over, unto Assignee, their successors, legal representatives and assigns, the
entire right, title and interest in including the right to claim priority from, and to the above-mentioned
inventions and application for Letters Patent, and in and to any and all direct and indirect divisions,
continuations and continuations-in-part of said application, and any and all Letters Patent in the United
States and all foreign countries which may be granted therefore and thereon, and reissues,
reexaminations and extensions of said Letters Patent, and all rights under the International Convention
for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for their own use
and benefit and the use and benefit of their successors, legal representatives and assigns, to the full
end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely
as the same would have been held and enjoyed by Assignor, had this sale and assignment not been
made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same is unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

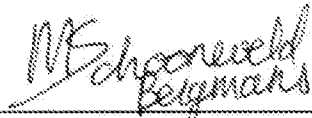

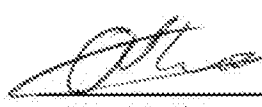
AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, their successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, their successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, their successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document: **BAKER DONELSON BEARMAN CALDWELL & BERKOWITZ, PC**

All practitioners at Customer Number **84331**

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

| | |
|---------------------------|---|
| <u>25-09-2012</u> Date |  SCHOONEVELD-BERGMANS. Margot Elisabeth Francoise |
| <u>25-9-2012</u> Date |  HEIJNE, Wilbert Herman Marie |
| <u>17-9-2012</u> Date |  LOS, Arik Pieter |