

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| GEIR FONNUM | 06/20/2014 |
| GRETE MODAHL | 06/19/2014 |
| NINI KJUS | 06/23/2014 |
| ASTRID EVENROED MOLTEBERG | 06/23/2014 |
| DIEM THUY THI TRAN | 06/24/2014 |
| JO AASERUD | 06/23/2014 |
| M. TALHA GOKMEN | 06/23/2014 |
| GENOFFIR MACLEOD | 07/15/2014 |
| RECEIVING PARTY DATA | |
| Name: | LIFE TECHNOLOGIES AS |
| Street Address: | P.O. BOX 114 SMESTAD |
| City: | OSLO |
| State/Country: | NORWAY |
| Postal Code: | N-0309 |
| PROPERTY NUMBERS Total: 4 | |
| Property Type | Number |
| Application Number: | 13762941 |
| Application Number: | 14082336 |
| Application Number: | 14082368 |
| Application Number: | 14082419 |
| CORRESPONDENCE DATA | |
| Fax Number: | (760)476-6048 |
| <i>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.</i> | |
| Phone: | 7606037200 |
| Email: | lifetechdocket@system.foundationip.com |
| Correspondent Name: | JOHN SCHELL |
| Address Line 1: | 5791 VAN ALLEN WAY |
| Address Line 4: | CARLSBAD, CALIFORNIA 92008 |
| ATTORNEY DOCKET NUMBER: | LT00637, CON, CON2, CON3 |

PATENT

| | |
|---|------------------|
| NAME OF SUBMITTER: | MARY K. CHACON |
| SIGNATURE: | /Mary K. Chacon/ |
| DATE SIGNED: | 07/21/2014 |
| Total Attachments: 9 source=LT00637_Assignment EXECUTED#page1.tif source=LT00637_Assignment EXECUTED#page2.tif source=LT00637_Assignment EXECUTED#page3.tif source=LT00637_Assignment EXECUTED#page4.tif source=LT00637_Assignment EXECUTED#page5.tif source=LT00637_Assignment EXECUTED#page6.tif source=LT00637_Assignment EXECUTED#page7.tif source=LT00637_Assignment EXECUTED#page8.tif source=LT00637_Assignment EXECUTED#page9.tif | |

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged, I/we:

1. Geir FONNUM, a citizen of NO; having a mailing address of
LIFE TECHNOLOGIES AS, P.O. Box 114 Smestad, Oslo Norway N-0309;
and a resident of Fjellhamar, NO.

2. Grete MODAHL, a citizen of NO; having a mailing address of
LIFE TECHNOLOGIES AS, P.O. Box 114 Smestad, Oslo Norway N-0309;
and a resident of Oslo, NO.

3. Nini KJUS, a citizen of NO; having a mailing address of
LIFE TECHNOLOGIES AS, P.O. Box 114 Smestad, Oslo Norway N-0309;
and a resident of Oslo, NO.

4. Astrid Evenroed MOLTEBERG, a citizen of NO; having a mailing address of
LIFE TECHNOLOGIES AS, P.O. Box 114 Smestad, Oslo Norway N-0309;
and a resident of Fetsund, NO.

5. Diem TRAN, a citizen of NO; having a mailing address of
Kjellergt 60B, Lillestroem, Norway 2003;
and a resident of Lillestroem, NO.

6. Jo AASERUD, a citizen of NO; having a mailing address of
LIFE TECHNOLOGIES AS, P.O. Box 114 Smestad, Oslo Norway N-0309;
and a resident of Skjetten, NO.

7. M. Talha GOKMEN, a citizen of TR; having a mailing address of
LIFE TECHNOLOGIES AS, P.O. Box 114 Smestad, Oslo Norway N-0309;
and a resident of Oslo, NO.

Docket No. LT00637
Customer No. 52059

do hereby SELL, ASSIGN, AND TRANSFER to **LIFE TECHNOLOGIES AS**, (the "Assignee", a corporation of Norway) having a mailing address of P.O. Box 114 Smestad, Oslo, Norway N-0309 the entire right, title, and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in International Patent Application No. PCT/US2013/025328, filed on February 8, 2013; and in United States Non-provisional Patent Application, Serial No. 13/762,941, filed on February 8, 2013 entitled **HYDROPHILIC POLYMERIC PARTICLES AND METHODS FOR MAKING AND USING SAME**, and such applications and all divisional, continuing, substitute, renewal, reissue, and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned; and

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible for which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining, and enforcing proper patent protection for such improvements.

TO BE BINDING on the heirs, assigns, representatives, and successors of the undersigned and extend to the successors, assigns, and nominees of the Assignee.

Docket No. LT00637
Customer No. 52059

Signature: *Geir Fonnum*
Name (1) Geir FONNUM

Date: 22 June 2014

Signature: _____
Name (2) Grete MODAHL

Date: _____

Signature: *Nini Hopstikkaas*
Name (3) Nini KJUS

Date: 23 June 2014

Signature: *Astrid Evenroed Molteberg*
Name (4) Astrid Evenroed MOLTEBERG

Date: 23 June 2014

Signature: _____
Name (5) Diem TRAN

Date: _____

Signature: *Jo Aaserud*
Name (6) Jo AASERUD

Date: 23 June 2014

Signature: *M. Talha Gokmen*
Name (7) M. Talha GOKMEN

Date: 23 June 2014

Executed by the Assignee, acting by

Genoffir MacLeod (name),

Head of Regional Law (title),

Who is acting under the authority of the Life Technologies AS

Signature: *Genoffir MacLeod*

Date: 15 July 2014

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged, I/we:

1. Geir FONNUM, a citizen of NO; having a mailing address of
LIFE TECHNOLOGIES AS, P.O. Box 114 Smestad, Oslo Norway N-0309;
and a resident of Fjellhamar, NO.

2. Grete MODAHL, a citizen of NO; having a mailing address of
LIFE TECHNOLOGIES AS, P.O. Box 114 Smestad, Oslo Norway N-0309;
and a resident of Oslo, NO.

3. Nini KJUS, a citizen of NO; having a mailing address of
LIFE TECHNOLOGIES AS, P.O. Box 114 Smestad, Oslo Norway N-0309;
and a resident of Oslo, NO.

4. Astrid Evenroed MOLTEBERG, a citizen of NO; having a mailing address of
LIFE TECHNOLOGIES AS, P.O. Box 114 Smestad, Oslo Norway N-0309;
and a resident of Fetsund, NO.

5. Diem TRAN, a citizen of NO; having a mailing address of
Kjellergt 60B, Lillestroem, Norway 2003;
and a resident of Lillestroem, NO.

6. Jo AASERUD, a citizen of NO; having a mailing address of
LIFE TECHNOLOGIES AS, P.O. Box 114 Smestad, Oslo Norway N-0309;
and a resident of Skjetten, NO.

7. M. Talha GOKMEN, a citizen of TR; having a mailing address of
LIFE TECHNOLOGIES AS, P.O. Box 114 Smestad, Oslo Norway N-0309;
and a resident of Oslo, NO.

Docket No. LT00637
Customer No. 52059

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AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned; and

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible for which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining, and enforcing proper patent protection for such improvements.

TO BE BINDING on the heirs, assigns, representatives, and successors of the undersigned and extend to the successors, assigns, and nominees of the Assignee.

Docket No. LT00637
Customer No. 52059

Signature: _____
Name (1) Geir FONNUM

Date: _____

Signature: Grete Modahl
Name (2) Grete MODAHL

Date: 19 June 2014

Signature: _____
Name (3) Nini KJUS

Date: _____

Signature: _____
Name (4) Astrid Evenroed MOLTEBERG

Date: _____

Signature: _____
Name (5) Diani TRAN

Date: _____

Signature: _____
Name (6) Jo AASERUD

Date: _____

Signature: _____
Name (7) M. Talha GOKMEN

Date: _____

Executed by the Assignee, acting by
Genoff MacLeod (name),
Head of Regional Law (title).

Who is acting under the authority of the Life Technologies AS

Signature: Genoff MacLeod

Date: 15 July 2014

ASSIGNMENT

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1. Geir FONNUM, a citizen of **NO**; having a mailing address of
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and a resident of **Fjellhamar, NO**.

2. Grete MODAHL, a citizen of **NO**; having a mailing address of
LIFE TECHNOLOGIES AS, P.O. Box 114 Smestad, Oslo Norway N-0309;
and a resident of **Oslo, NO**.

3. Nini KJUS, a citizen of **NO**; having a mailing address of
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and a resident of **Oslo, NO**.

4. Astrid Evenroed MOLTEBERG, a citizen of **NO**; having a mailing address of
LIFE TECHNOLOGIES AS, P.O. Box 114 Smestad, Oslo Norway N-0309;
and a resident of **Fetsund, NO**.

Diem Thuy Thi TRAN
5. ~~Diem~~-TRAN, a citizen of **NO**; having a mailing address of
Kjellergt 60B, Lillestroem, Norway 2003;
and a resident of **Lillestroem, NO**.

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and a resident of **Oslo, NO**.

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Signature: _____
Name (1) Geir FONNUM

Date: _____

Signature: _____
Name (2) Grete MODAHL

Date: _____

Signature: _____
Name (3) Nini KJUS

Date: _____

Signature: _____
Name (4) Astrid Evenroed MOLTEBERG

Date: _____

Signature: Diem Thuy Thi Tran
Name (5) Diem TRAN

Date: June 24, 2014

DIEM THUY THI TRAN

Signature: _____
Name (6) Jo AASERUD

Date: _____

Signature: _____
Name (7) M. Talha GOKMEN

Date: _____

Executed by the Assignee, acting by

Genoffir MacLeod (name),

Head of Regional Law (title),

Who is acting under the authority of the Life Technologies AS

Signature: Genoffir MacLeod

Date: 15 July 2014