PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Novo Nordisk A/S | 05/26/2011 |

RECEIVING PARTY DATA

| Name: | Novo Nordisk HealthCare AG |
|-----------------|----------------------------|
| Street Address: | Andreasstrasse 15 |
| City: | Zurich |
| State/Country: | SWITZERLAND |
| Postal Code: | CH-8050 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12674291 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 7497.204-US

NAME OF SUBMITTER: Lori M. Klewin

Total Attachments: 2

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PATENT REEL: 026423 FRAME: 0032

AFFIRMATION OF ASSIGNMENT

WHEREAS, Novo Nordisk A/S, a corporation organized under the laws of Denmark, located at Novo Allé, DK-2880 Bagsvaerd, Denmark (hereinafter ASSIGNOR), has assigned its entire right and title to interest in certain patent applications and patents (listed in attached Exhibit A), and now wishes to register the transfer of ownership and/or control of these patents and patent applications to Novo Nordisk Health Care AG.

WHEREAS, Novo Nordisk Health Care AG, a Swiss corporation, located at Andreasstrasse 15, CH-8050 Zurich, Switzerland (hereinafter ASSIGNEE) has acquired and wishes to affirm, perfect, and make of record its entire right, title and interest in, to and under said patents and patent applications in the United States.

NOW, THEREFORE, ASSIGNOR hereby affirms the transfer to ASSIGNEE of all of the full and exclusive rights, titles and interests to said patents and patent applications in the United States and its territorial possessions and any and all Letters Patent or similar legal protections to be obtained from any patent application or patent included in such transfer or any continuation, division, reexamination, extension, or reissue thereof, for the full term or terms for which the same may be granted in the United States and its territorial possessions.

ASSIGNOR accordingly hereby authorizes and requests the United States Patent and Trademark Office to issue all such Letters Patent or similar rights arising from said applications, continuations, divisionals, reissues, reexaminations, or reissues thereof to ASSIGNEE, as assignee of the entire right, title and interest in, to, and under the same.

Novo No Operating Officer Vouc-Mordisk A/S

Nordisk A/S

Jesper Brandgaard Chief Financial Officer

Novo Nordisk A/S

EXHIBIT A

| ATTORNEY | PATENT | ISSUE | APPLICATION NO. |
|-------------|-----------------|-------------------|-----------------|
| DOCKET NO. | NO./PUBLICATION | DATE/PUBLICATION | |
| | NO. | DATE/FILING DATE | |
| 7497.204-US | | February 19, 2010 | 12/674,291 |

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