PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Novo Nordisk A/S	08/03/2011

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:	11911563

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 7007.204-US

NAME OF SUBMITTER: Lori M. Klewin

Total Attachments: 2

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H \$40.00 11911563

PATENT REEL: 026713 FRAME: 0946

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 Nordisk AVAZ Chief Operating Officer

Novo Nordisk A/S

2 A U G U S T 2011 Novo Nordisk A/S

Date

Mads Krogsgaard Thomsen Chief Science Officer Novo Nordisk A/S

> **PATENT** REEL: 026713 FRAME: 0947

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EXHIBIT A

ATTORNEY DOCKET NO.	PUBLICATION NO.	FILING DATE	APPLICATION NO.
7007.204-US	US 2009/0306352	October 15, 2007	11/911,563

PATENT REEL: 026713 FRAME: 0948

RECORDED: 08/08/2011