NOVO NORDISK A S Form F-6EF August 11, 2010

As filed with the U.S. Securities and Exchange Commission on August 11, 2010 Registration No. 333-

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM F-6 REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933 For Depositary Shares Evidenced by American Depositary Receipts

Novo Nordisk A/S (Exact name of issuer of deposited securities as specified in its charter)

> n/a (Translation of issuer's name into English)

Denmark (Jurisdiction of incorporation or organization of issuer)

JPMorgan Chase Bank, N.A. (Exact name of depositary as specified in its charter)

1 Chase Manhattan Plaza, Floor 58, New York, NY 10005-1401 Telephone (800) 990-1135 drass, including zin code, and telephone number, including area code, of denositery's principal executive offices

(Address, including zip code, and telephone number, including area code, of depositary's principal executive offices)

James C. Shehan, Esq. Novo Nordisk of North America, Inc. 103 Foulk Rd., Ste 282 Wilmington, Delaware 19803, USA Telephone (609) 987 5282 (Address, including zip code, and telephone number, including area code, of agent for service)

Copy to:

Scott A. Ziegler, Esq. Ziegler, Ziegler & Associates LLP 570 Lexington Avenue, 44th Floor New York, New York 10022 (212) 319-7600 It is proposed that this filing become effective under Rule 466 x immediately upon filing o on (Date) at (Time)

If a separate registration statement has been filed to register the deposited shares, check the following box.

Title of each class of Securities to be registered	Amount to be registered	Proposed maximum aggregate price per unit (1)	Proposed maximum aggregate offering price (2)	Amount of registration fee
American Depositary Shares evidenced by American Depositary Receipts, each American Depositary Share representing one B share of Novo Nordisk A/S	100,000,000 American Depositary Shares	\$0.05	\$5,000,000	\$356.50

CALCULATION OF REGISTRATION FEE

(1)

Each unit represents one American Depositary Share.

(2)Estimated solely for the purpose of calculating the registration fee. Pursuant to Rule 457(k), such estimate is computed on the basis of the maximum aggregate fees or charges to be imposed in connection with the issuance of American Depositary Receipts evidencing American Depositary Shares.

Pursuant to Rule 429, the Prospectus contained herein also relates to American Depositary Shares registered under Form F-6 Registration Statement No. 33-40695. This Registration Statement constitutes a Post-Effective Amendment to Registration Statement No. 33-40695.

PART I INFORMATION REQUIRED IN PROSPECTUS

The Prospectus consists of the proposed form of American Depositary Receipt ("ADR" or "American Depositary Receipt") filed as Exhibit (a) to this Registration Statement, which is incorporated herein by reference.

CROSS REFERENCE SHEET

Item 1. DESCRIPTION OF SECURITIES TO BE REGISTERED

Item Number and Caption		Location in Form of American Depositary Receipt Filed Herewith as Prospectus
(1) Nam	e and address of Depositary	Introductory paragraph and bottom of face of American Depositary Receipt
	of American Depositary Receipts and identity of sited securities	Face of American Depositary Receipt, top center
Term	as of Deposit:	
(i)	Amount of deposited securities represented by one unit of American Depositary Shares	Face of American Depositary Receipt, upper right corner
(ii)	Procedure for voting, if any, the deposited securities	Paragraph (12)
(iii)	Collection and distribution of dividends	Paragraphs (4), (5), (7) and (10)
(iv)	Transmission of notices, reports and proxy soliciting material	Paragraphs (3), (8) and (12)
(v)	Sale or exercise of rights	Paragraphs (4), (5) and (10)
(vi)	Deposit or sale of securities resulting from dividends, splits or plans of reorganization	Paragraphs (4), (5), (10) and (13)
(vii)	Amendment, extension or termination of the Deposit Agreement	Paragraphs (16) and (17)
(viii)	Rights of holders of ADRs to inspect the transfer books of the Depositary and the list of Holders of ADRs	Paragraph (3)
(ix)	Restrictions upon the right to deposit or withdraw the underlying securities	Paragraphs (1), (2), (4), and (5)
(x)	Limitation upon the liability of the Depositary	Paragraph (14)

(3) Fees and Charges

Paragraph (7)

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Item 2. AVAILABLE INFORMATION

facilities maintained by the Securities and Exchange Commission in Washington, D.C.

Item Number and Caption	Location in Form of American Depositary Receipt Filed Herewith as Prospectus
(b) Statement that Novo Nordisk A/S is subject to the periodic reporting requirements of the Securities Exchange Act of 1934, as amended, and, accordingly files certain reports with the Securities and Exchange Commission, and that such reports can be inspected by holders of American Depositary Receipts and copied at public reference	Paragraph (8)

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 3. EXHIBITS

- (a)Form of Deposit Agreement. Form of Amended and Restated Deposit Agreement among Novo Nordisk A/S (the "Company"), JPMorgan Chase Bank, N.A. (fka Morgan Guaranty Trust Company of New York), as depositary (the "Depositary"), and all holders from time to time of ADRs issued thereunder (the "Deposit Agreement"), including form of ADR. Filed herewith as Exhibit (a)
- (b) Any other agreement to which the Depositary is a party relating to the issuance of the American Depositary Shares registered hereunder or the custody of the deposited securities represented thereby. Not Applicable.
- (c)Every material contract relating to the deposited securities between the Depositary and the issuer of the deposited securities in effect at any time within the last three years. Not Applicable.
- (d)Opinion of Ziegler, Ziegler & Associates LLP, counsel to the Depositary, as to the legality of the securities being registered. Filed herewith as Exhibit (d).
 - (e) Certification under Rule 466. Filed herewith as Exhibit (e).
 - (f) Power of Attorney. Included as part of the signature pages hereto.

Item 4. UNDERTAKINGS

- (a) The Depositary hereby undertakes to make available at the principal office of the Depositary in the United States, for inspection by holders of the American Depositary Receipts, any reports and communications received from the issuer of the deposited securities which are both (1) received by the Depositary as the holder of the deposited securities, and (2) made generally available to the holders of the underlying securities by the issuer.
- (b) If the amounts of fees charged are not disclosed in the prospectus, the Depositary undertakes to prepare a separate document stating the amount of any fee charged and describing the service for which it is charged and to deliver promptly a copy of such fee schedule without charge to anyone upon request. The Depositary undertakes to notify each registered holder of an American Depositary Receipt thirty days before any change in the fee schedule.

SIGNATURE

Pursuant to the requirements of the Securities Act of 1933, as amended, JPMorgan Chase Bank, N.A., on behalf of the legal entity created by the Deposit Agreement, certifies that it has reasonable grounds to believe that all the requirements for filing on Form F-6 are met and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in The City of New York, State of New York, on August 11, 2010.

Legal entity created by the form of Deposit Agreement for the issuance of ADRs evidencing American Depositary Shares

By: JPMORGAN CHASE BANK, N.A., as Depositary

By: /s/ Joseph M. Leinhauser Name: Joseph M. Leinhauser Title: Vice President

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, Novo Nordisk A/S certifies that it has reasonable grounds to believe that all the requirements for filing on Form F-6 are met and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, on August 11, 2010.

NOVO NORDISK A/S

By: /s/ Lars Rebien Sørensen Name: Lars Rebien Sørensen Title: President and Chief Executive Officer

POWER OF ATTORNEY

<u>.</u>

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Lars Rebien Sørensen and Jesper Brandgaard, and each of them, his or her true and lawful attorneys-in-fact and agents, each with full power of substitution and resubstitution, for him or her and in his or her name, place and stead, in any and all capacities, to sign any or all amendments (including post-effective amendments) to this Registration Statement and any and all related registration statements pursuant to Rule 462(b) of the Securities Act, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, hereby ratifying and confirming all that said attorneys-in-fact and agents, or any of them, or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Under the requirements of the Securities Act, this Registration Statement has been signed by the following persons on August 11, 2010, in the capacities indicated.

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Signature	Title
/s/ Lars Rebien Sørensen Lars Rebien Sørensen	President and Chief Executive Officer
/s/ Jesper Brandgaard Jesper Brandgaard	Chief Financial Officer
/s/ Sten Scheibye Sten Scheibye	Chairman of the Board of Directors
/s/ Göran A. Ando Göran A. Ando	Vice Chairman of the Board of Directors
/s/ Henrik Gürtler Henrik Gürtler	Director
/s/ Ulrik Hjulmand-Lassen Ulrik Hjulmand-Lassen	Director

/s/ Pamela J Kirby Pamela J Kirby	Director
/s/ Anne Marie Kverneland Anne Marie Kverneland	Director
Kurt Anker Nielsen	Director
/s/Søren Thuesen Pedersen Søren Thuesen Pedersen	Director
/s/ Hannu Ryöppönen Hannu Ryöppönen	Director
/s/ Stig Strøbæk Stig Strøbæk	Director
/s/Jørgen Wedel Jørgen Wedel	Director

SIGNATURE OF AUTHORIZED REPRESENTATIVE OF THE REGISTRANT

Under the Securities Act of 1933, as amended, the undersigned, the duly authorized representative in the United States of America, has signed this Registration Statement in Delaware on August 11, 2010.

Authorized U.S. Representative

By: /s/ James C. Shehan Name: James C. Shehan

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INDEX TO EXHIBITS

Exhibit

Number

- (a) Form of Amended and Restated Deposit Agreement
- (d) Opinion of Ziegler, Ziegler & Associates LLP, counsel to the Depositary, as to the legality of the securities to be registered.
- (e) Rule 466 Certification