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Form PTO-1595	U.S. DEPARTMENT OF COMMERCE
RECORDATION FO	Patent and Trademark Office RM COVER SHEET
PATENT	
CERTIFICATION OF FAC	
I hereby certify that this paper is being facsimile Assignment Branch at (703) 306	
Assignment Branch at (703) 306	•
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Commissioner of Patents. Please record the attached original do	
Name of conveying party(ies)	2. I ame and address of receiving party(ies)
Sanofi-Aventis,	(ilaxo Group Limited
formerly known as Sanofi Synthelabo	Glaxo Wellcome House
174, avenue de France	lierkeley Avenue
75013 Paris, France	Greenford, Middlesex, England
·	
	Addit onal name(s) and addresses attached?
Additional names of conveying party(ies) attached?	[] y.s (A) no
[] yes [X] no	
Description of the interest conveyed:	
[X] Assignment, please record and return	Morger
[] Security Agreement [X]	Change of Name
[] Other	1 0004
Execution date of Assign	
4. Application number(s) or patent number(s). Add	itional sheets attached? YesX No
A. Patent Application No.(s)	B. Patent No.(s)
10/881,250; 10/492,102; 10/169,510	6,186,980; 6,585,702; 5,855,839; 6,033,387
If this document is being filed together with a n	new apprication, the execution date of the application is
5. Name and address of party to whom	6. Total number of applications and
correspondence concerning documents should	patents involved 7.
be mailed:	_
Kathryn L. Sieburth	7. Total Fee (37 C.F.R. 3.41) <u>\$280.00</u>
GlaxoSmithKline	8. Please charge this fee to deposit
Corporate Intellectual Property - UW2220	8. Please charge this fee to deposit account No. 19-2570.
P.O. Box 1539	The Commissioner is hereby authorized to charge any
King of Prussia, PA 19406-0939	additi mal fees under 37 CFR 1.16 or 1.17 which may
Fax: (610) 270-5090	be recuired by this paper, or credit any overpayment,
	Lto our Deposit Account No. 10 2570
INO NOTE HIGH	to our Deposit Account No. 19-2570.
DO NOT USE	THIS SPACE
9. Statement and Signature.	THIS SPACE
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9. Statement and Signature. To the best of my knowledge and belief, the foregoe copy is a true copy of the original document.	oing in ormation is true and correct and any attached
9. Statement and Signature. To the best of my knowledge and belief, the foregoe copy is a true copy of the original document. Kathryn L. Sieburth Name of Person Signing Signature	oing in ormation is true and correct and any attached November 5, 2004

Non-Irish Patent Assignmer t Agreement

This Patent Assignment Agreement (the "Agreement") is made on September 1, 2004 (the "Effective Date"), by and between Sanofi-Aventis, a French corporation with its principal place of business located at 174, avenue de France, 750 13 Paris, France an formerly known as Sanofi-Synthelabo (the "Assignor") and Glaxo Group Limited, a corporation organised and existing under the laws of England and Wales with its principal offices at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, England (the "Assignee"). The Assignor and the Assignee are individually referred to as a "Party" and collectively as the "Parties".

Unless otherwise indicated, capitalized terms used herein shall have the meaning set forth in Article 1 hereof.

WITNESSETH:

NOW, THEREFORE, in consideration of the mutual agreements and undertakings contained herein, the Parties, intending to be legally bound, hereby agree as follows:

ARTICLE 1

For purposes of this Agreement, capitalized terms used herein shall have the meanings set forth below:

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1.1 "Affiliate" or "Affiliates" shall mean as to any Person, any other Person which, directly or indirectly, controls, is controlled by, or is under common control with, such Person. For the purpose of this definition, "control" means the possession of the power to direct or cause the direction of management and policies of such individual, corporation,

PATENT

REEL: 015341 FRAME: 0424

partnership, association, trust or other legal entity or organization, whether through direct or indirect ownership of voting securities or otherwise.

- 1.2 "Patents" shall mean the issued patents and patent applications, together with all reissues, renewals, divisions, continuations, continuations-in-part, national phase applications, substitutions, reexaminations, restorations, patent term extensions and/or supplementary protection certificates listed in Ann ex 1 hereto.
- 1.3 The following additional terms are terms that are defined in other Sections of this Agreement, as specifically indicated below:
 - "Agreement" shall have the meaning set forth in the Preamble;
 - "Assignee" shall have the meaning set forth in the Preamble;
 - "Assignor" shall have the meaning set forth in the Preamble;
 - "Party" or "Parties" shall have the meaning set forth in the Preamble;

ARTICLE 2

The Assignor hereby transfers and assigns to the Assignee, and its respective successors and assigns, all right, title and interest it owns to and in the Patents, together with all rights and powers arising or accrued therefrom including, but not limited to, the right to sue for past and fluure damages and other remedies in respect of any infringement of such rights or other acts within the scope of the claims of any published specification of the Patents and the right to apply for, prosecute and obtain patents throughout the world in respect of inventions claimed in the Patents including the right to claim priority therefrom. The Assignee hereby accepts the foregoing transfer and assignment.

ARTICLE 3

The Assignor shall execute and deliver all instruments evidence or authorizations as may be required to effect or to formalize the transfer of the Patents. If, for whatever reason, the transfer of the Patents has not become effective, in full or in part, by the signing of this Agreement, each Party will promptly do whatever it is necessary for that Party to do (and the other Party shall cooperate with it) in order to fully effectuate the transfer to the Assignee of the Patents. The Assignor hereby covenants and agrees that it will communicate to the Assignee any facts known to it with respect to the Patents. Without prejudice to Article 5, the Assignor shall perform its execution and delivery obligations under this Article 3 at its own cost.

Dr W

ARTICLE 4

The Assignor hereby represents and warrants that, at the date hereof, the rights to the Patents are free from any charges or other restrictions and the Assignor is fully entitled and authorized to transfer the ownership of all rights to the Patents to the Assignee.

ARTICLE 5

As of the date hereof, all costs due and payable after that date in connection with the registration, maintenance and prosecution of the Patents shall be borne by the Assignee. In addition, all costs due or payable in connection with this Agreement, in particular its registration ("enregistrement fiscal") and the registration of the assignment of the Patents to the competent multi-national or national offices shall be borne by the Assignee.

ARTICLE 6

This Agreement can not be terminated, rescinded or an uilled.

ARTICLE 7

ARTICLE 8

- 8.1 This Agreement may only be amended, supplemented or modified and any provision hereof may only be waived, pursuant to a written instrument making specific reference to this Agreement and executed by duly authorized representatives of the Parties.
- 8.2 All notices and other communications under this Agreement shall be in writing and in English language and shall be deemed to have been duly given when delivered in person or upon confirmation of receipt when transmitted by facsimile transmission or on receipt

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after dispatch by registered or certified mail, post ge prepaid, addressed as follows (or at such other address as the Party to whom notice is to be given has furnished in writing to the other Party):

If to Assignor:

Sanofi-Aventis 174, avenue de France 75013 Paris France

France

Attention: General Counsel

Telephone: + 33 (0) 1 53 77 42 30 Facsimile: + 33 (0) 1 53 77 40 85

If to Assignee:

Glaxo Group Limited c/o GlaxoSmithKline plc 980 Great West Road Brentford, Middlesex

England

Attention: General Counsel
Telephone: +44 (0)208 047 5000
Facsimile: +44 (0)208 047 6939

- 8.3 The invalidity or unenforceability of any provision of this Agreement shall not affect the validity or enforceability of any other provision of this Agreement, each of which shall remain in full force and effect; provided, however, that the Parties shall substitute any invalid or unenforceable provision by a valid and enforceable provision which maintains, to the fullest extent possible, the respective interests of the Parties as established by the present terms and conditions of the Agreement.
- 8.4 This Agreement shall be binding upon and inure to the benefit of the Parties and their respective successors and permitted assigns. No hing in this Agreement shall create or be deemed to create any third party beneficiary rights in any individual, corporation, partnership, association, trust or other legal entity or organization not Party to this Agreement. No assignment of this Agreement or of any rights or obligations hereunder may be made by either Party without the prior written consent of the other Party and any attempted assignment without such required consent shall be null and void.
- 8.5 This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, and all of which together shall constitute one and the same instrument.

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IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorised officers in two (2) counterparts as of the day first written above.

SANOFI-AVENTIS

GLAXO GROUP LIMITED

By:

Name: Jose FERLISTILLE : Jestel Main &

& FERRER

Name: JAMO FIL

Title: UP LELAC OPERATIONS

Ву: _

Name: Boisson Wiles

Title: Act Provised Signatury

NEX 1

PATENT

IVD050103

<u>Titre officiel:</u>

Procédé de synthèse organique d'iligosaccharides constituant des fragments de mucopolysaccharides acides ou comespondant à des muco-oligosaccharides acides naturels. Préparation de dérivés de ces oligosaccharides.

26 (V)

04 FRI 14:41 FAX 610 270 4440

${\tt GLAXOSMITHKLINE}$

Non Irish Patent Assg Agreement (closing version)

Pays / Type	Date et N° de	Cate et Nº de	Date et N° de	Sit ation Proc. et	Date Expiration
et indice	Dépôt	Publication	Delivrance	Date _[

US / CIP	14-JAN-1983 457,931		Abandonné 31-JAN-1985	
US / CNT	26-OCT-1987 07/115593	04-AVR-1989 4818816	Ciate d'expiration 9-AOU-2003	19-AQU-2003

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SSL0140

Titre officiei :

Composition de fondaparinux sodique de haute pureté, un procédé de préparation de cette composition et compositions pharmaceutiques (a contenant comme principe actif (Titre PCT)

Pays / Type et indice	Date et N° de	, Date et N° de	Date :t N° de	Situation Proc. et	Date
	Dépôt	Publication	Dēli∵rance	Date	Expiration

US / CIP	30-JUN-2004		 Décôt	77-66\/-2023
02/01	30-3014-2004	: !	լ տարտ։	Z/-FEV-2U23
	10/881250	l l	30-JUN-2004	<u> </u>
	10/00/1250	l i	30-3014-2004	1

JF GB

SSL0075T

Titre officiel:

USE OF SPECIFIC DOSE OF $\odot RG$ 31540 / SR 90107A FOR THE TREATMENT OF ACS.

Pays / Type et	Date et N° de	Date et Nº de	Date et 🕫 de	Situation Proc. et	Date Expiration
indice	Depôt	Publication	Delivrance	Date	

indice Dépôt Publication Délivrance Date Date Expiration
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US / PCT	07-NOV-2002		
		Dépôt	07-NOV-2022
L	10/492102		<u> </u>

PATENT

IVD050103B

Titre officiel:

PROCEDE DE SYNTHESE ORGANIQUE D'OLIGOSACCHARIDES RENFERMANT DES MOTIFS GALACTOSAMINE-ACIDE URO !IIQUE, NOUVEAUX OLIGOSACCHARIDES OBTENUS ET LEURS APPLICATIONS B DLOGIQUES.

Pays / Type et	Date et N° de	Date et N° de	Date et N° de	Situation Proc. et	Date Expiration
indice	Depot	Publication	Délivran e	Date	

US / CNT	21-AVR-1986 06/856865		24-JUL-1990 4943630	Date d'expiration 19-AOU-2003	24-JUL-2007
US / PCT	27-OCT-1983			Abandonné	
	06-624 628	·		21-AVR-1986	

[VD001184T

Titre official:

Dispositif d'injection à usage unique.

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indice	Dépôt	Publication	Délivrar :e	Date	

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Non Irish Patent Assg Agreement (closing version)

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Titre officieL:

Dispositif d'injection à usage unique

Pays / Type et Date et N° de Date et N° de Date et N° de Situation Proc. et Date indice Dépôt Publication Délivrance Date	te Expiration
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Г	US/BN	08-FEV-2000	T	01-JUL-20:3	Dělivré	08-FEV-2020
-		09/499644	· /	6585702	01-JUL-2003	<u> </u>
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JF W

PATENT

REEL: 015341 FRAME: 0438

IVD001160

Titre officiel:

DISPOSITIF D'INJECTION D'UTIE DOSE DE LIQUIDE NOTAMMENT MEDICAMENTEUX.

Pays / Type et	Date et № de	Date et Nº de	Date et l e de	Situation Proc. et	Date
indice	Dépôt	Publication	Délivra∵ca	<u> Date</u>	Expiration

US/PCT	05-JAN-2001	17-JUN-2004	 Publication	05-JAN-2021
	0-0-0-14-200 I	11*0014*2004	Publication	UD-UMIN-2021
<u>.</u>	10/169510	2004-0116874	17-JUN-2004	1

JP CAS

IVD060136T

<u>Titre officiel:</u>

PROCEDE DE FABRICATION D'UN DISPOSIT É D'INJECTION DU TYPE PRÉ-REMPLI RENFERMANT UNE DOSE DE LIQUIDE À INJECTER, ET DISPOSITIF D'INJECTION REALISE.

Pays / Type et	Date at Nº de	Date et Nº de	Date et N° le	Situation Proc. et	Date
indice	Dépôt	Publication	Délivrant o	Date	Expiration

	US / BN	29-AVR-1998		05-JAN-199	Délivré	29-AVR-2016
		08/638832		5855839	05-JAN-1999	
	US / DIV	20-OCT-1998		07-MAR-21:00	Délivré	29-AVR-2016
- 1		09/175369	1	603338"	07-MAR-2000	1