

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUSAN ANN CARTLIDGE	02/21/2007
DAVID WILLIAM TONGE	02/21/2007
RECEIVING PARTY DATA	
Name:	ASTRAZENECA AB
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City:	SODERTALJE
State/Country:	SWEDEN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14875812
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ATTORNEY DOCKET NUMBER:	IGF-100US4
NAME OF SUBMITTER:	KIM NOROOZI
SIGNATURE:	/Kim Noroozi/
DATE SIGNED:	12/17/2015
Total Attachments: 4	
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source=2007-02-21 executed Cartlidge et al#page3.tif	
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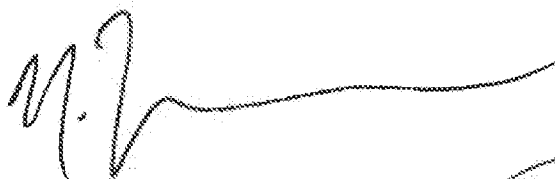
BE IT KNOWN that I, GREGORY JOHN TAYLOR of 37 Meadway, Ashford, Middlesex TW15 2TJ, United Kingdom, a duly authorised Notary Public

CERTIFY ONLY that the document annexed hereto, namely:

ASSIGNMENT signed by Susan Ann Cartlidge and David William Tonge.

has this day been presented to me by Blair Consular Services Limited on behalf of their client AstraZeneca, and that the said Blair Consular Services Limited have represented to me by such presentation that their said client has represented to them that the said annexed document is an authentic original document.

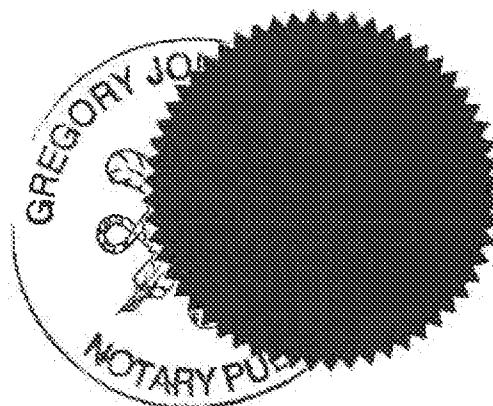
SIGNED AND SEALED at 37 Meadway, Ashford, Middlesex TW15 2TJ, United Kingdom, on 26th February 2007.



Gregory John Taylor
Notary Public

GREGORY JOHN TAYLOR
NOTARY PUBLIC
37 MEADWAY
ASHFORD, MIDDLESEX TW15 2TJ
UNITED KINGDOM

26-02-07



PATENT
REEL: 019169 FRAME: 0278

PATENT
REEL: 037319 FRAME: 0356

Application No.: 11/608705
Filing Date: December 8, 2006

PATENT
Client Code: ABXAZ.004A
Page 1

ASSIGNMENT

WHEREAS, We, Susan Ann Carlidge, a citizen of the United Kingdom, residing at Mereside, Alderly Park, Macclesfield, Cheshire, SK10 4TG United Kingdom; and David William Tonge, a citizen of the United Kingdom, residing at Mereside, Alderly Park, Macclesfield, Cheshire, SK10 4TG United Kingdom, have invented certain new and useful improvements in a BINDING PROTEINS SPECIFIC FOR INSULIN-LIKE GROWTH FACTORS AND USES THEREOF for which we have filed an application for Letters Patent in the United States, Application Serial No. 11/608705, Filed on December 8, 2006 ;

AND WHEREAS, AstraZeneca AB (hereinafter "ASSIGNEE"), a Swedish Corporation, with its principal place of business at Sodertalje, SE - 151 85 Sweden, desires to acquire our entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under said improvements, and said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

PATENT
REEL: 019169 FRAME: 0279

PATENT
REEL: 037319 FRAME: 0357

Application No.: 11/608705
Filing Date: December 8, 2006

PATENT
Client Code: ABXAZ.004A
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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21st day of
FEBRUARY, 2007

S. A. Cartledge
Susan Ann Cartledge

STATE OF

ss.

COUNTY OF

On _____, before me, _____, notary public,
personally appeared Susan Ann Cartledge personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the
within instrument, and acknowledged to me that she executed the same in her authorized
capacity(ies), and that by her signature(s) on the instrument the person(s), or the entity upon
behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

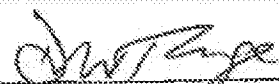
PATENT
REEL: 019169 FRAME: 0280

PATENT
REEL: 037319 FRAME: 0358

Application No.: 11/608705
Filing Date: December 8, 2006

PATENT
Client Code: ABXAZ.004A
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21st day of FEBRUARY 2007



David William Tonge

STATE OF _____ }
COUNTY OF _____ } ss.

On _____, before me, _____, notary public, personally appeared David William Tonge personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

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RECORDED: 04/16/2007

PATENT
REEL: 019169 FRAME: 0281

RECORDED: 12/17/2015

PATENT
REEL: 037319 FRAME: 0359