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To the Director of the U.S. Patent and Tr			ed documents or the new a	addresses below.
PAUL MICHAEL STEED JU JONATHAN ZALEVSKY JU	JLY 26, 2005 JLY 28, 2005 JLY 26, 2005 ULY 26, 2005 Yes No of Name	Name: Internal Address: Street Address: City State: Country:		<u>renue</u> Zip:91016_
I. Application number(s) or patent number(s):			s being filed together with a	
A. Patent Application No(s). 11/108,001	Additional numbers a	B. Patent No(s):		CPR/FUS
. Name and address of party to whom corresp		6. Total number of		100
concerning document should be mailed: Name: <u>Robin M. Silva</u> Reg. N Internal Address: <u>DORSEY & WHITNEY LLI</u> <u>Intellectual Property Dep</u> Street Address: <u>555 California Street</u> <u>Suite 1000</u>	P	Authorized to Authorized to None require		count. t affecting title) dit any overpayment to the
City: San Francisco		8. Payment Informa	tion	
State: California Zip Phone No.: (415) 781-1989 Fax No. (415) 398-3249 Email Address:		E b. Deposit Account N	ast 4 Numbers Expiration Date: lumber: lame:	
). Signature:	Tis	$\sum n$	/	August 15, 2005 Date
Timothy A. Worrall, Reg. No. 54,552 for Robin M. Silva, Reg. No. 38,304 Name of Person Signing		er sheet, attachments, a		

REEL: 016894 FRAME: 0819

ASSIGNMENT

WHEREAS, the undersigned

John R. Desjarlais, resident of Pasadena, state of California; Paul Michael Steed, resident of Chapel Hill, state of North Carolina; Jonathan Zalevsky, resident of Riverside, state of California; David Edmund Szymkowski, resident of Monrovia, state of California;

(hereinafter termed "Inventor(s)"), has invented certain new and useful improvements in

Protein Based TNF-Alpha Variants for the Treatment of TNF-Alpha Related Disorders

for which an application for a United States Patent was filed on **April 14, 2005** having Application Number **11/108,001** and

WHEREAS,

Xencor, Inc., a corporation of the State of Delaware having a place of business at 111 West Lemon Avenue, Monrovia, California (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving 1168099_1

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said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as of the dates below written adjacent to each of their respective signatures.

Signature of Inventor : John R. Desjarlais 7-26-05 Date : County of 15 Augules) ss. State of day of Ahlan in the year 2005, On this before me Fulie Emilia Cascie Notary Public of the State of California personally appeared Mur P. Derrin unpersonally known to me for proved to me on. the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her-authorized capacity(ies), and that by his/her-signature on the instrument the person, or the entity upon behalf of which the person acted, executed iulie emiko casciani instrument. Comm. # 1491559 NOTARY PUBLIC - CALIFORNIA WITNESS my hand and official seal. Los Angeles Coun My Comm. Expires MAY 25, 2008 the Mala (n Signature (Seal)

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Signature of Inventor :

Paul Michael Steed

05

Date : _

County of Durham) State of North Caroling) State of North Caroling)

On this <u>284</u> day of <u>July</u> in the year 2005, before me <u>Low Ann Mitchell</u> Notary Public of the State of <u>North Carolina</u> personally

appeared <u>hull Michael 5 led</u> personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Ama Mi Signature

MY COMMISSION EXPIRES ON JULY 14, 2007 (Seal)

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PATENT REEL: 016894 FRAME: 0822

Signature of Inventor : Jant Saller
Jonathan Zalevsky
Date: July 26, 2005
County of US Avales ; ss. State of California ;
State of California
On this day of in the year 2005,
Julie Finile Custom Notary Public of the State of Saliernia personally
appeared FMatMan Fally Sky personally known to me for proved to me on
the basis of satisfactory evidence) to be the person whose name is subscribed to
- the within instrument, and acknowledged that he/she executed the same in
his/ her authorized capacity(ios), a nd that by his /her s ignature on the instrument
the person, or the entity upon behalf of which the person acted, executed the EMIKO CASCIANI
instrument.
WITNESS my hand and official seal.
Signature Emilio Cin

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(Seal)

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Signature of Inventor : David Edmund Szymkowski 26/05 Date : County of by marles !! State of Chifwni) ss. 1 day of On this in the year 2005, before me Fulic Emile Cus new Notary Public of the State of (Car Frin personally appeared DMM Comment Stand pretsonally known to me for proved to me on the basis of satisfactory evide (ice) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ios), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed THEILIE EMIKO CASCIANI Comm. # 1491559 instrument. NOTARY PUBLIC - CALIFORNIA WITNESS my hand and official seal. Los Ang My Comm. Expires MAY 25, 2008 MAD Signature ((Seal)