



01-22-2002

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Attorney Docket Number
8666-009TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Carlo M. Croce Franes K. Huebner Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <u>Thomas Jefferson University</u> Address: <u>1020 Walnut Street</u> <u>Philadelphia, Pennsylvania 19107</u> Country (if other than USA): _____
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>December 10, 2001 and</u> <u>December 7, 2001, respectively</u>	

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>09/832,424</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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5. Name and address of party to whom correspondence concerning document should be mailed: PENNIE & EDMONDS LLP 1155 Avenue of Americas New York, N.Y. 10036-2711	6. Number of applications and patents involved: <u>1</u>
01/22/2002 AAHME1 00000038 161150 09832424 01 HC:581 40.00 CH	7. Total fee (37 CFR 3.41):.....\$ <u>40</u> Please charge to the deposit account listed in Section 8.
	8. Deposit account number: <u>16-1150</u>

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9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>			
Adriane M. Antler Name of Person Signing	32,605 Reg. No.	<u>Adriane M. Antler</u> Signature	<u>January 10, 2002</u> Date
By: Muna Abu-Shaar Limited Recognition Under 37 C.F.R. § 10.9(b) Copy of Certificate Enclosed		<u>Muna Abu-Shaar</u> Signature	
Total number of pages including cover sheet:			4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignment
Washington, D.C. 20231PATENT
REEL: 012471 FRAME: 0634
NY2 - 1275061.1

ASSIGNMENT

WHEREAS, WE, Carlo M. Croce and Frances K. Huebner, ASSIGNORS, citizens of the United States, residing at 1829 Delancy Street, Philadelphia, Pennsylvania 19103, are the inventors of the invention in MUIR-TORRE-LIKE SYNDROME IN FHIT DEFICIENT MICE for which we have executed an application for a Patent of the United States

☐ which is executed on ☐ even date herewith or ☐ _____

☒ which is identified by Pennie & Edmonds LLP docket no. 8666-009

☒ which was filed on April 11, 2001, Application No. 09/832,424

and WHEREAS, THOMAS JEFFERSON UNIVERSITY, a corporation of Pennsylvania having a place of business at 1020 Walnut Street, Philadelphia, Pennsylvania 19107, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention 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 and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

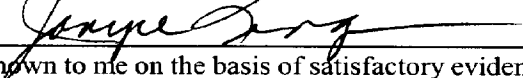
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

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

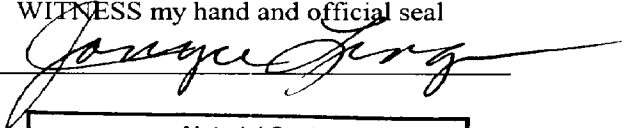
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date DEC 10, 2001, 2001  L.S.
CARLO M. CROCE

State of PENNSYLVANIA)
County of Phila.) SS.:

On 12/10/01, 2001, before me, , Notary Public, personally appeared CARLO M. CROCE, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their 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



Notarial Seal
Janyce Lingo, Notary Public
City of Philadelphia, Philadelphia County
My Commission Expires May 2, 2005

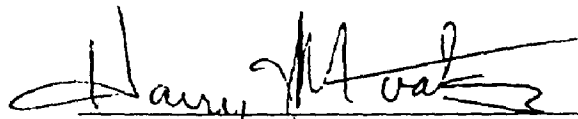
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATE PATENT AND TRADEMARK OFFICE**

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Ms. Muna Abu-Sha'ar is hereby given limited recognition under 37 CFR §10.9(b) as an employee of Pennie & Edmonds, LLP to prepare and prosecute patent applications wherein the patent applicant is the client of Pennie & Edmonds, LLP, and the attorney or agent of record in the applications is a registered practitioner who is a member of Pennie & Edmonds, LLP. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Ms. Muna Abu-Sha'ar ceases to lawfully reside in the United States, (ii) Ms. Muna Abu-Sha'ar's employment with Pennie & Edmonds, LLP ceases or is terminated, or (iii) Ms. Muna Abu-Sha'ar ceases to remain or reside in the United States on an H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: June 30, 2002



Harry Moatz, Director
Office of Enrollment and Discipline

Date Dec 7, 2001, 2001 Frances K. Huebner L.S.
FRANCES K. HUEBNER

State of PA)
County of Phila) SS.:)

On 12/7/01, 2001, before me, Janyce Lingo, Notary Public,
personally appeared FRANCES K. HUEBNER, personally known to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same
in his/her/their authorized capacity(ies), and that by his/her/their 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

Janyce Lingo

