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Assignment Merger	
Security Agreement Change of Name	City: Abbott Park
Joint Research Agreement	State: IL
Government Interest Assignment	Country: US Zip:60064
Executive Order 9424, Confirmatory License	210.00004
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4. Application or patent number(s):	document is being filed together with a new application.
A, Patent Application No.(s)	B. Patent No.(s)
12/228,038	
60/963,964	
I Additional numbers attached?	
5. Name and address to whom correspondence concerning document should be malled:	6. Total number of applications and patents involved: 2
Name: <u>Diana M. Steel</u>	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 80.00
Internal Address: Abbott Bioresearch Center	Authorized to be charged by credit card
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Street Address: 100 Research Drive	Enclosed
Offeet Address. Top (1996atal) Blive	None required (government Interest not affecting title)
City: Worcester	8. Payment Information
State: MA Zip:01605-4314	a. Credit Card Last 4 Numbers Expiration Date
Phone Number:(508) 688-8048	,
Fax Number: (508) 688-8110	b. Deposit Account Number <u>01-0025</u>
Email Address: Diana.Steel@abbott.com	Authorized User Name Diana M. Steel
9. Signature:	1/28/09
Signature	Date
Diana M. Steel	Total number of pages including cover sheet, attachments, and documents:
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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

> PATENT REEL: 022190 FRAME: 0130

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Abbott GmbH & Co. KG (11/10/2008)	Name: Abbott Laboratories
	Internal Address:
Additional name(s) of conveying party(tes) attached? Yes V No 3. Nature of conveyance/Execution Date(s): Execution Date(s) in parenthesis after name	Street Address: 100 Abbott Park Rd.
✓ Assignment	City: Abbott Park
Joint Research Agreement	State: IL
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: US Zlp:60064
Other	Additional name(s) & address(es) attached? Yes Vo
A. Patent Application No.(s) 12/228,038 60/963,964 Additional numbers at	B, Patent No.(s) tached? ☐ Yes ✓ No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 2
Name: <u>Diana M. Steel</u>	7. Total fee (37 CFR 1.21(h) & 3.41) \$80.00
Internal Address; Abbott Bloresearch Center	Authorized to be charged by credit card Authorized to be charged to deposit account
Street Address: 100 Research Drive	Enclosed None required (government interest not affecting title)
City: Worcester	8. Payment Information
State: MA Zip:01605-4314	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: <u>(508) 688-8048</u>	b. Deposit Account Number 01-0025
Fax Number: (508) 688-8110	
Ernail Address: <u>Diana.Steel@abbott.com</u>	Authorized User Name Diana M. Steel
9. Signature: Signature	1/28/05 Date
Dlana M. Steel Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 4

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PATENT REEL: 022190 FRAME: 0131

12/6/15(1) 17 1-65/7 17 1-65/7

ASSIGNMENT

I/We,

(1) Abbott GmbH & Co. KG

having an office and place of business at:

(1) Max-Planck Ring 2, 65205 Wiesbaden, Germany,

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to and do hereby assign, sell and transfer to <u>Abbott Laboratories</u>, a corporation organized and existing under the laws of the State of Illinois and having an office and a place of business at 100 Abbott Park Road, Abbott Park, IL 60064, its successors and assigns:

- 1) the entire right, title and interest in the United States and in all countries throughout the world in and to any and all my/our inventions and discoveries disclosed in United States Provisional Application Ser. No. 60/963,964, filed 08 August 2007 {Atty. Docket No. 8214.US.L1}, United States Application Ser. No. 12/228,038, filed 08 August 2008 {Atty. Docket No. 8214.US.O1} and International Application Ser. No. PCT/US2008/009549, filed 08 August 2008 {Atty. Docket No. 8214.WO.O1} and designating AP, EA, EP, OA, AE, AG, AL, AM, AT, AU, AZ, BA, BB, BE, BF, BG, BJ, BR, BY, BZ, CA, CF, CG, CH and LI, CI, CM, CN, CO, CR, CU, CY, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, FR, GA, GB, GD, GE, GH, GM, GN, GQ, GR, GW, HR, HN, HU, ID, IE, IL, IN, IS, IT, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MC, MY, MD, MG, MK, ML, MN, MR, MW, MX, MZ, NE, NI, NL, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, SN, SY, SZ, TD, TG, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, VC, ZA, ZM and ZW; all entitled: "COMPOSITIONS AND METHODS FOR CRYSTALLIZING ANTIBODIES", including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor;
- 2) the full and complete right to file patent applications in the name of <u>Abbott Laboratories</u>, its designee, or in my name at the election of <u>Abbott Laboratories</u> or its designee, on the aforesaid inventions, discoveries and applications in all countries of the world;
- 3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any other country of the world and any renewals, revivals, reissues, reexaminations and extensions of the same; and
- 4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to <u>Abbott Laboratories</u> as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We further agree, at any time, upon the request of <u>Abbott Laboratories</u>, to execute and to deliver to <u>Abbott Laboratories</u> any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request to <u>Abbott Laboratories</u> such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of <u>Abbott Laboratories</u> under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

ASSIGNORS: ADDOTT GmbH & Co. KG

ppa. ppa.

Name: S. Zimmermann J. Bachmann

Title: Senior Authorised Officers

Company: Abbott GmbH & Co. KG

ACKNOWLEDGEMENT:

On this 10 day of November , 2008, Susanne Zimmermann and Dr. Jürgen Bachmann, Senior Authorised Officers,

of Abbott GmbH & Co. KG, and authorized to sign on behalf of Abbott GmbH & Co. KG, personally appeared before me, executed the foregoing Assignment, and duly acknowledged to me that such Assignment was executed by his/her free act and deed for the uses and purposes therein expressed.

Witness signature

Nadine Paersch

Witness name (please print)

PTO/SN/97 (08-00)
Approved for use through 10/31/02. DMB 0651-0031
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Assignment containing the signature of S. Zimmerman and J. Bachmann signed on behalf of Abbott GmbH & Co. KG

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