Docket No.: Oakland 4.1-15

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To the Director of the United States Pate.	attached drighter documentario doby and day.
Name of conveying party(les): Raymond L. Mercangh	Name and address of receiving party(ies): Name: Vanderbitt University Internal Address: Office of Technology Transfer and
	i
Additional names(s) of conveying party(ies) Yes Yes	No Enterprise Development
3. Nature of conveyance: S Assignment	Street Address: 1207 17th Avenue South, Suite 105
Other	City: Nashville State: TN ZIP: 37232
Execution Date: July 18, 2007	Additional name(s) & address(es) attached? Yes No
	nbers attached? Yea No
Name and address of party to whom correspondent concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Lan C. McLeod	7. Total fee (37 CFR 3.41):\$ 40,00
Internal Address: LAN C. MCLEOD, P.C.	Enclosed - Any excess or insufficiency should be credited or debited to deposit account
	☐ Authorized to be charged to deposit account
Street Address: 2190 Commons Parkway	8. Deposit account number: 13-0610
City: Okemos State: MI ZIP:	48864 (Attach duplics@A4A6/2007ts/) pa/9999999995pidA98495unt)
	DO NOT USE THIS SPACE 86 FC:8021 48.88 dp
 Statement and signature. To the best of my knowledge and belief, the foregoing of the original document. 	ing information is true and correct and any attached copy is a true copy
Ian C. McLeod	August 6, 2007 Signature Date
Name of Person Signing Total number of pages include:	Signature Date ng cover sheet, attachments, and document:
I Othi number of payes including	recorded with required areas about information to:

Mail Stop Assignment Recordation Services

Director of the United States Peters and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

Oakland 4.1-15

ASSIGNMENT

WHEREAS, I, RAYMOND L. MERNAUGH, residing at 3017 Burlington Pass, Franklin, Tennessee 37069, have invented jointly with XIANGQUN ZENG certain new and useful improvements in IMPROVED IMMUNOSENSORS: scFv-LINKER DESIGN FOR SURFACE IMMOBILIZATION for which an application for United States Letters Patent was signed by me on even date herewith; and

WHEREAS, Vanderbilt University, Office of Technology Transfer and Enterprise Development, 1207 17th Avenue South, Suite 105, Nashville, State of Tennessee (hereinafter referred to as Assignee) is desirous of acquiring my undivided right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries as well as the right to priority.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, the receipt whereof is hereby acknowledged, and other valuable considerations, I the said RAYMOND L. MERNAUGH, have sold, assigned and transferred my undivided interest, and by these presents do sell, assign and transfer unto said Assignee my undivided interest to the said invention in the United States and its territorial possessions and in all foreign countries and my undivided right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

PATENT REEL: 019780 FRAME: 0837 I hereby authorize and request the Patent and Trademark Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the Assignee of my undivided right, title and interest in and to the same for the sole use and behoof of the said Assignee, its successors and assigns.

FURTHER, I agree that I will communicate to said Assignee or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

PATENT REEL: 019780 FRAME: 0838

RECORDED: 08/06/2007

-3-

IN TESTIMONY WHEREOF, I have hereunto set my	
hand this $\frac{18}{2}$ day of $\frac{1}{2}$, 2007.	
Signed in the Presence of:	
- May Mury 7/18/7	
Raymond L. Merhaugh	
STATE OF TENNESSEE ;	
SS.	
COUNTY OF :	
D ~	
On this $18^{\frac{p}{2}}$ day of $5u29$, 2007,	
personally appeared before me the above named Raymond L.	
Mernaugh to me known and known to me to be the person	
described in and who executed the foregoing instrument	
and acknowledged the same to be his free act and deed in	
and for the purposes set forth in said instrument.	
SEAL	
Mer ler_	
Motary Public / Troops 6.	
My Commission Expires: 05/02/2009 Colon W	
P# 1631	

PATENT REEL: 019780 FRAME: 0839