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(Rev. 03/01) OMB No. 0651-0027 (exp. 5/3 10235975	U.S. Patent and Tradem
Tab settings $\Rightarrow \Rightarrow \Rightarrow \forall \forall \forall \forall$	<u> </u>
To the Honorable Commissioner of Patents and Traden	narks: Please record the attached original documents or copy thereo
1. Name of conveying party(ies): 2 - 5 - 2	3 2. Name and address of receiving party(ies)
Madhukar (Mathew) L. Thakur	Name: <u>Thomas Jefferson University</u>
	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes 🗸	٦No
3. Nature of conveyance:	
Assignment Merger	
Security Agreement Change of Nar	me Street Address: <u>120 Walnut Street</u>
Other	
	City: Philadelphia State: PA Zip: 19107
Execution Date: January 8, 2003	Additional name(s) & address(es) attached? Yes
4. Application number(s) or patent number(s):	
	application, the execution date of the application is:
A. Patent Application No.(s) 10/279,554	
Filed: 10/21/2002	
Additional numbe	
5. Name and address of party to whom corresponder	
concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$40.00
Name: Daniel A. Monaco	
Internal Address: Drinker Biddle & Reath LLP	Enclosed
	Authorized to be charged to deposit accou
	8. Deposit account number:
Street Address: One Logan Square	v
18th and Cherry Streets	
City: Philadelphia State: PA Zip: 19103-6996	— ω
City: Philadelphia State: PA Zip: 19103-6996	
DO NOT	USE THIS SPACE
	USE THIS SPACE
DO NOT 9. Signature.	
DO NOT	January 29, 20
9. Signature. Daniel A. Monaco Name of Person Signing	January 29, 20 Signature Date
9. Signature. Daniel A. Monaco Name of Person Sighing Tota number of pages including FCOOPER 00000146 10279554 Mail documents to be recorded	January 29, 20

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REEL: 013721 FRAME: 0841

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ASSIGNMENT

WHEREAS, I, Madhukar (Mathew) L. Thakur, a citizen of the United States of America, with a post office address of 44 Lakeview Drive, Cherry Hill, New Jersey 08003, hereinafter generally referred to as "ASSIGNOR", have invented certain new and useful **PACAP COMPOSITIONS AND METHODS FOR TUMOR IMAGING AND THERAPY**

for which I have on October 21, 2002 filed an application for Letters Patent of the United States, the application having been assigned U.S. Application Serial No. 10/279,554, and

WHEREAS, Thomas Jefferson University, a Pennsylvania corporation having a place of business at 1020 Walnut Street, Philadelphia, PA 19107, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said application for Letters Patent,

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, I, the undersigned ASSIGNOR, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

> in and to said invention as described in the above application for Letters Patent, for the territory of the United States and its possessions and territories and all foreign countries, and

> in and to the above application for Letters Patent, including any continuing and/or divisional applications therefor, any provisional applications identified in the above application, and any and all United States Letters Patent which may be granted on said application(s) including reissues and reexaminations;

said invention, application and Letters Patent to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR had this assignment and sale not been made; and for the aforesaid consideration ASSIGNOR hereby covenants, agrees and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patent hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR.

Mathiew L. Thalan (L.S.) Madhukar (Mathew) L. Thakur 1/8/03

State of <u>*Rennsylvania*</u> County of <u>*Philadelphia*</u>

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Before me, a notary public, in and for the State and County aforesaid, on this 3 day of Jan Jary S, 2002 personally appeared Madhukar (Mathew) L. Thakur who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Merry RWet

Notary Public

NOTARIAL SEAL SHERPY R WEITZ, Notary Public City of Philadelphia, Phila. County My Commission Expires June 27, 2006