11.9 m FORM PTO-1619A U.S. Department of Commerce Expires 06/30/99 Patent and Trademark Office OMB 0651-0027 **PATENT** 12-20-2000 RECORI 101556813 To: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). **Submission Type** Conveyance Type New New Assignment Security Agreement Resubmission (Non-Recordation) License Change of Name Document ID # Merger Other **Correction of PTO Error** Reel # Frame # U.S. Government (For Use ONLY by U.S. Government Agencies) **Corrective Document** Reel # Frame # Departmental File Secret File Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date Month Day Year Name (line 1) Frank Yao Tsung Tung 11/07/2000 Name (line 2) **Execution Date** Second Party Month Day Year Name (line 1) Name (line 2) Mark if additional names of receiving parties attached **Receiving Party** If document to be recorded Name (line 1) Genecure LLC is an assignment and the receiving party is not Name (line 2) domiciled in the United States, an appointment Address (line 1) 24 Peachtree Center Avenue, Suite 525 of a domestic representative is attached. Address (line 2) (Designation must be a separate document from 30303 GA Assignment.) Atlanta Address (line 3) Zip Code State/Country City

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Name	Jesse A. Hirshman, Esquire	(412) 333-8966
	Kirkpatrick & Lockhart LLP	
	Henry W. Oliver Building	
_	535 Smithfield Street	
	Pittsburgh, PA 15222-2312	
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Jesse A. Hirshman	find the	///7/02
Name of Person Signing	Signature	Date

Attorney's Docket No.	00714PCT	PATENT
		For: ⊠ U.S. and/or ⊠ Foreign Rights For: □ U.S. Application or
		☐ U.S. Provisional Application For: ☐ U.S. Patent
		For: X PCT Application
		By: ☐ Inventor(s) or ☐ Present Owner
	ASSIGNME	ENT OF INVENTION
In consideration of the receipt of which is hereby	he payment by ASS acknowledged, and	SIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), d for other good and valuable consideration,
ASSIGNOR:		
Inventor(s) or person(s) or entity(ies) who own the invention		Frank Yao Tsung Tung (type or print name(s) of ASSIGNOR(S))
		485 Sweet Ivy Lane Address
		Lawrenceville, GA 30043
		USA
		Nationality
(if assignment i	s by person or entity and this was record	to whom invention was previously assigned ed in PTO, add the following)
Recorded on		Reel
		Frame
hereby sells, assigns and tra	nsfers to	
ASSIGNEE:		Genecure LLC (type or print name(s) of ASSIGNEE(S))
		24 Peachtree Center Avenue, Suite 525 Address
		Atlanta, GA 30303
		Nationality
and the successors, assigns	and legal represen	tatives of the ASSIGNEE

(complete one of the following) ☑ the entire right, title and interest ☐ an undivided _____ percent (______ and its territorial possessions

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and its terri	an undivided perceitorial possessions	ent (_%) interes	t for the United States			
(check the following box, if foreign rights are also to be assigned)							
and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled: REPLICATION DEFECTIVE HIV VACCINE							
Name of In	ventor: Frank Yao Tsung Tung						
(check and complete (a), (b), (c), (d), (e), (f) or (g))							
and which i	is found in						
(a) 🗌	U.S. patent application executed on ev	ven date herewith					
(b) 🗌	U.S. patent application executed on _						
(c) 🗌	U.S. provisional application naming the	e above inventor(s) f	or the above	e-entitled invention			
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	To comply with 37 CFR 3.21 for reconnected authorize and request my annumber when they become known.	rdal of this assignme ttorney to insert bel	nt, I, an ASS ow the filin	SIGNOR signing below, g date and application			
(d) 🛚	U.S. application no.: 60/085,115	Filed: May 12, 19	98				
(e) 🛚	International application no. PCT/US9	9/10523, Filed May 1	2, 1999				
(f) 🗆	U.S. patent no.	_ issued					
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	(also check (g), if foreign ap	plication(s) is also be	ing assigne	ed)			
(a) 🖂 and any legal equivalent thereof in a foreign country, including the right to claim priority							
and, in and to, all Letters Patent to be obtained for said invention by the above application of any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination							
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ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

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may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. IN WITNESS WHEREOF, I/We have hereunto set hand and seal this ______ day of November, 2000. Date of Signing WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above. Signature of ASSIGNOR(S) Date: Frank Yao Tsung Tung Date: November 7,2000 Date: Date: (if ASSIGNOR is a legal entity, complete the following information) (type or print the name of the above person authorized to sign on behalf of ASSIGNOR) Title

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

□ Notarization or Legalization Page Added.

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