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Form PTO-1595 09 - 30 - 2003	OVER SHEET U.S. DEPARTMENT OF COMMERCE	
(Rev. 03/01)	U.S. Patent and Trademark Office	
OMB No. 0651-0027 (	ONLY	
Tab settings ⇒ □ 1025,61937	▼ Atty Docket: 02240-186465	
To the Honorable Commissioner of Patents and Jademarks: Please Record the attached original documents or copy thereof.		
1. Name of conveying party:	Name and address of receiving party:	
Tzyy-Choou WU Chien-Fu HUNG	Name: THE JOHNS HOPKINS UNIVERSITY	
Additional name of conveying party(ies) attached?   Yes  No	Internal Address:	
Traditional name of conveying partytice) allabrica.		
3. Nature of conveyance:		
Assignment ☐ Merger	Street Address: 720 Rutland Avenue	
☐ Security Agreement ☐ Change of Name	City/State Baltimore, Maryland 21205	
Other	Additional Names and Addresses Attached ☐ Yes ☒ No	
Execution Dates: March 3, 2003		
Application number(s) or patent number(s):		
If this document is being filed together with a new application, the execution date of the application by the first named inventor is: 5/30/03		
A. Patent Application No.(s) 132/37/9	B. Patent No.(s)	
Additional numbers attached? ☐ Yes ☒ No		
Name and address of party to whom correspondence concerning this document should be mailed:	Total number of applications and patents involved:	
26694	7. Total fee (37 CFR 3.41) \$ 40.00	
PATENT TRADEMARK OFFICE	☐ Enclosed	
Name: Venable		
Address: P.O. Box 34385	23 Nation256 to be straiged to deposit account	
Address: P.O. Box 34385	8. Deposit account number:	
	22-0261	
City: Washington State: D.C. Zip: 20043-9998		
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9. Statement and signature.  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.  Shmuel Livnat – Reg. No. 33.949  Name of Person Signing  Signature  Date		

Signing Signature Date
Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PC Docs No. 475746

**PATENT REEL: 014527 FRAME: 0551** 

Attorney Docket: <u>32240-186465</u>

## ASSIGNMENT OF APPLICATION FOR UNITED STATES PATENT

referred to as the assignor, have invented a certain i	and Chien-Fu HUNG of Baltimore, MD, hereinafter (collectively) mprovement relating to MOLECULAR VACCINE LINKING
	IGEN for which said assignor has caused an application for a United
States Patent to be prepared,	
	eing executed concurrently with the execution of this instrument; said
application to be filed in the U.S. Patent and Trademark Offic	
	S. Patent and Trademark Office on and given
Application No;	Patent Cooperation Treaty on August 1, 2001 and given Application
[X] said application having been filed under the l No. PCT/US01/23966, the United States of America having l	Patent Cooperation Treaty on <u>August 1, 2001</u> and given Application been designated.
referred to as the assignee, is desirous of acquiring the ent	VERSITY, 720 Rutland Avenue, Baltimore, MD 21205, hereinafter ire right, title and interest in and to said application, including any nation and any patents which may be granted therefor, including any
consideration paid by said assignee to said assignor, the rec sells and transfers to said assignee, and said assignee's succe and to said invention and to said application, including any granted therefor, including any renewals, reissues and prole assigns, to have, hold, exercise and enjoy the said inventi thereof, and any patents which may be granted therefor, inc rights, powers, privileges and advantages in anywise arising such patents when granted, including any renewals, reissues	nsideration of One Dollar (\$1.00), and other good and valuable eipt of which is hereby acknowledged, said assignor hereby assigns, essors and assigns, the entire and exclusive right, title and interest in divisions and continuations thereof, and in any patents which may be ongations thereof; said assignee, and said assignee's successors and on and said application, including any divisions and continuations luding any renewals, reissues and prolongations thereof, with all the from or appertaining thereto, for and during the term or terms of any and prolongations thereof, for the use and benefit of said assignee, beneficial a manner as the said assignor might or could have held and
	the request of said assignee, or said assignee's successors or assigns, atents, including any renewals, reissues and prolongations thereof.
	commissioner of Patents and Trademarks to issue a Patent on said of, to said assignee, and said assignee's successors and assigns, in
EXECUTED this 3 day of 11 lanch, 2003	
ASSIGNOR: Signature: Name: Tzyy-Choou WU	WITNESS: Signature: David Boyd  Name: 'David Boyd  Address: 7105 Rich Hill Rol  Baltmor, MD 21212
	WITNESS: Signature: forcy Wangamin Name: Lynd Mangamin Address: 3222 Chellord Ct Apr 3v/

Attorney Docket: 2240-186465

EXECUTED thisday of, 2003	
ASSIGNOR: Signature: Chien-Fu HUNG  Name: Chien-Fu HUNG	WITNESS: Dat A V. Byl  Signature: David Boyd  Address: 7105 Rich H. U. Rd  Bulhnen MD 21212
	WITNESS: Signature: huy wanfamm Name: huy wanfamm Address: 2372 Chemord Apr 30

**RECORDED: 08/03/2003**