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APPLIED RESEARCH LABORATORIES, NATIONAL CENTER FOR HIGH- PERFORMANCE COMPUTING	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No	
3. Nature of conveyance/Execution Date(s):	Street Address: <u>3F, NO. 106, SEC. 2, HEPING E. ROAD,</u>
Execution Date(s)11/21/2011	DA-AN DIST.
Assignment Merger Change of Name	City:
Security Agreement Change of Name Joint Research Agreement	State:TAIPEI
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: TAIWAN Zip:
Other	Additional name(s) & address(es) attached? Yes X No
4. Application or patent number(s):	document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
	L
	7,322,733
Additional numbers at	tached? Yes No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name Morton J. Rosenberg	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal AddressRosenberg, Klein & Lee	7. Total IGG (07 OFT) 1.2 I(II) & 0.41) \ \psi_40.00 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
medital / real cooking their a rec	Authorized to be charged to deposit account
Street Addresses and a substant state	Enclosed
Street Address: 3458 Ellicott Center Drive, Suite 101	None required (government interest not affecting title)
City: Ellicott City	8. Payment Information
State:MD Zip21043	
Phone Number 410-465-6678	Deposit Account Number 50-5298
Fax Number: <u>410-461-3067</u>	, —··
Email Address:	Authorized User Name
9. Signature:	11/28/2011
Signatiure	Date
Morton J. Rosenberg Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

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PATENT

REEL: 027338 FRAME: 0584

ASSIGNMENT DEED

The l	ATENT RIGHTS referred to in this agreement are:
(Check one)	a Patent Application for this invention, executed by the ASSIGNOR (s) concurrently
	with this Assignment
	U.S. Patent Application Serial No, filed
	U.S. Patent No. 7.322.733 issued Jan. 29. 2008
	PATENT RIGHTS assigned under this agreement are:
(Check one)	U.S. Patent rights only
	worldwide Patent rights. In this case, the assignce shall have the right to claim the
benefit of th	e filing date of any U.S. Patent Application identified above.
The	A CCIGNIOD (C) referred to in this agreement is (OF MC):
4 6	ASSIGNOR (S) referred to in this agreement is (or are):
(Full name	of assignor) APPLIED RESEARCH LABORATORIES, NATIONAL CENTER FOR
(Full name of	of assignor) APPLIED RESEARCH LABORATORIES, NATIONAL CENTER FOR FORMANCE COMPUTING
(Full name of	of assignor) APPLIED RESEARCH LABORATORIES, NATIONAL CENTER FOR
(Full name of	of assignor) APPLIED RESEARCH LABORATORIES, NATIONAL CENTER FOR FORMANCE COMPUTING
(Full name of HIGH-PER (Address) N	of assignor) APPLIED RESEARCH LABORATORIES, NATIONAL CENTER FOR FORMANCE COMPUTING 10. 7. R&D 6th Rd., Heinchu Science Park, Heinchu, Taiwan
(Full name of HIGH-PER (Address) N	of assignor) APPLIED RESEARCH LABORATORIES, NATIONAL CENTER FOR FORMANCE COMPUTING 10. 7. R&D 6th Rd., Heinchu Science Park, Heinchu, Taiwan 13tt ASSIGNEE referred to in this agreement is:
(Full name of Address) No. The Fi	of assignor) APPLIED RESEARCH LABORATORIES. NATIONAL CENTER FOR FORMANCE COMPUTING 10. 7. R&D 6 Rd., Hainchu Science Park, Hainchu, Taiwan 13t ASSIGNEE referred to in this agreement is: 13t Saignee) NATIONAL APPLIED RESEARCH LABORATORIES
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(Full name of HIGH-PER (Address) No. The Fi (Name of A (Address of The Fi	of assignor) _APPLIED RESEARCH LABORATORIES. NATIONAL CENTER FOR. FORMANCE COMPUTING io. 7. R&D 6th Rd., Heinchu Science Park, Heinchu, Taiwan rest ASSIGNEE referred to in this agreement is: seignee) NATIONAL APPLIED RESEARCH LABORATORIES Assignee) 3F. No. 106. Sec. 2. Heping E. Road, Da-an Dist., Taiwan rest ASSIGNEE IS: (One) an individual a partnership
(Full name of HIGH-PER (Address) No. The Fi (Name of A (Address of The Fi	of assignor) APPLIED RESEARCH LABORATORIES. NATIONAL CENTER FOR PORMANCE COMPUTING io. 7. R&D 6th Rd., Heinchu Science Park, Heinchu, Taiwan rest ASSIGNEE referred to in this agreement is: ssignee) NATIONAL APPLIED RESEARCH LABORATORIES Assignee) 3F. No. 106. Sec. 2. Heping E. Road, Da-an Dist., Taipei, Taiwan rest ASSIGNEE IS: (One) an individual

The ASSIGNOR (S), in consideration of \$1.00 paid by each ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:

The full and exclusive right to the invention;

an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS; and the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR (S) hereby authorize (s) and requests the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE (s) as the ASSIGNEE (s) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE (s), their successors and assigns.

Further, the ASSIGNOR (s) agree (s) to communicate to said ASSIGNEE (s), or their representatives, any facts known to the ASSIGNOR (s) respecting said invention, and testify in any legal proceedings, sign

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all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE (s), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE (s), their successors and assigns, to obtain and enforced proper protection for said invention.

NOV. 21, 7611

(Signature of sole or first assignor)

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