MAR 1 6 20	Form PTO-1595 6/93 MAR 1 8 2002 RECORDATION FO PATENT To the Honorable Commissioner of Patents and Trademarks. Please record the atta	HORIZO 1944 BENEZ FEITH DERFEE HIND FEETH HIND ERFEET FEITH 1004	
	Name of conveying party(ies):	2. Name and address of receiving party(ies):	
	Caili WANG; Pingyu <u>ZHONG;</u> Shengjiang LUI Peizhi LUO; Shengfeng LI and; Xinwei WANG	Name: ABMAXIS, INC. Street Address: 453 Ravendale Drive, Suite B	
	Additional name(s) of conveying party(ies) attached? yes no	City: Mountain View CA 94043	
	3.18.02	Country: USA Additional name(s) & address(es) attached? □ yes ■ no	
;	3. Nature of Conveyance:		
	■ Assignment □ Merger □ Security Agreement □ Change of Name ■ Other <u>to re-record assignment correcting</u> inventor's name (spelling error)		
	Execution Date(s): November 2, 2001		
	Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is		
	A. Patent Application No(s). 10/033399	B. Patent No(s).	
	Additional numbers attached? ☐ yes ■no		
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	Name: HOWREY SIMON ARNOLD & WHITE, LLP	7. Total fee (37 C.F.R. § 3.41)\$ 40.00	
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	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.		
	Karen K. Wong, Ph.D Name of Person Signing Registration No. 44,409 Mail documents to be recorded with Commissioner of Patents and	Total number of pages including cover sheet, attachments and document 9 required cover sheet information to:	
03/26/2002	•	D.C. 20231	
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PATENT REEL: 012709 FRAME: 0461

Form PTO-1595 6/93 1 2 0 193 To the Honorable Commissioner of Patents and Trademarks. Please record the	t of Commerce, U.S. Patent and Trademark O
Name of conveying party(ies): ZHONG Caili WANG, Pingyu ZONG, and MAR 1 8 2002 MAR 1 8 2002 Additional name(s) of conveying party(ies) attached? yes no Nature of Conveyance:	2. Name and address of receiving party(ies): Name: ABMAXIS, INC. Street Address: 453 Ravendale Drive, Suite B City: Mountain View CA 94043 Country: USA Additional name(s) & address(es) attached? □ yes ■ no
Assignment	10/033399
 Application number(s) or patent number(s): If this document is being filed together with a new applic 	ntion, the execution date of the application is November 2, 20
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If this document is being filed together with a new applic A. Patent Application No(s). Additional numbers attached? 5. Name and address of party to whom correspondence	B. Patent No(s). D yes ■ no
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If this document is being filed together with a new applic A. Patent Application No(s). Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be mailed: Name: HOWREY SIMON ARNOLD & WHITE, LLP	B. Patent No(s). yes no 6. Total number of applications and patents involved 1 7. Total fee (37 C.F.R. § 3.41)
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If this document is being filed together with a new applic A. Patent Application No(s). Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be mailed: Name: HOWREY SIMON ARNOLD & WHITE, LLP Internal Address: Glenn W. Rhodes Street Address: 750 Bering Drive City: Houston State: TX Zip Code: 77057 DO NOT 1	B. Patent No(s). 9 yes no 6. Total number of applications and patents involved 1 7. Total fee (37 C.F.R. § 3.41)\$ 40.00 Enclosed Authorized to be charged to Deposit Account 8. Deposit Account Number: 01-2508
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PATENT REEL: 012709 FRAME: 0462

ASSIGNMENT

WHEREAS, we, Caili Wang, Pingyu Zhong, and Xinwei Wang (collectively "Assignors"), have made new and useful improvements in Adapter-Directed Display Systems, for which an application for Letters Patent of the United States is being filed herewith.

WHEREAS, Abmaxis, Inc., having a place of business at 453 Ravendale Drive, Suite B, Mountain View, CA 94043, and who, together with its successors and assigns ("Assignee") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

- 1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said application for Letters Patent of the United States, including all claims, if any, for infringement prior to the date of this assignment, the inventions and discoveries described therein, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.
- 2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

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- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance.
- 5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conception, disclosures, and reduction to practice of said inventions and discoveries; and to testify as to the same in any interference or other litigation.

IN TESTIMONY WHEREOF, I ha	we hereunto set my hand and seal this 2 day of			
	Carli Wang			
	Caili Wang			
	95 Judah St., Apt. 1 San Francisco, CA 94122 Citizenship: Peoples' Republic of China			
STATE OF CALIFORNIA COUNTY OF SANTA CLARA	SS.			
On this 2 day of 700, 2001, before me personally appeared Caili Wang, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.				
(SEAL)	NOTARY PUBLIC			
My Commission Expires: Sept. 1, 200				
	YIAN-WEN LI COMM. #1275630 Motary Public-California SANTA CLARA COUNTY My Comm. Exp. Sept 1, 2004			

IN TESTIMONY WHEREOF, I ha	ve hereunto set my hand and seal this 2 day of
November_, 2001.	
, = = = = = = = = = = = = = = = = = = =	
	Pingyu Zhong
	1475 Tyler Parkway
	Mountain View, CA 94040
	Citizenship: United States of America
STATE OF CALIFORNIA	CC
COUNTY OF SANTA CLARA	SS.
Zhong, to me known and known to me to be foregoing instrument, and who duly acknown.	, 2001, before me personally appeared Pingyu be the individual described in and who executed the wledged to me to have executed the foregoing me to have executed the same for the purpose
(SEAL)	· · · · · · · · · · · · · · · · · · ·
	Kran-Wen Li
	NOTARY PUBLIC
My Commission Expires: Sept. 1, 200	
	XIAN-WEN LI COMM, #1275630 Netary Fublic-California SANTA CLARA COUNTY My Comm, Exp. Sept. 1, 2004

1	ve hereunto set my hand and seal this day of
November, 2001.	
	Xinwei Wang 7221 Via Vico San Jose, CA 95129 Citizenship: Peoples' Republic of China
STATE OF CALIFORNIA COUNTY OF SANTA CLARA	SS.
Wang, to me known and known to me to be foregoing instrument, and who duly acknown	, 2001, before me personally appeared Xinwei e the individual described in and who executed the wledged to me to have executed the foregoing me to have executed the same for the purpose
(SEAL)	/ 3
	NOTARY PUBLIC
My Commission Expires: Sept 1, 2004	XIAN-WEN LI COMM. #1275630 Notary Public-California SANTA CLARA COUNTY My Comm. Exp. Sept 1, 2004

Page 5 of 5

RECORDED: 03/18/2002