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Ang, XIZENG SHI Name: Applied Spintronics, Inc. Internal Address: Street Address: Suite 100, 830 Hillview Court Milpitas, CA 95035 USA Additional name & address attached? Additional name & address attached? Additional numbers attached? Additional numbers attached? Yes X No whom correspondence amailed: Total no. of applications and patents involved:: 1 Total fee (37 CFR 3.41): \$ 40.00 Enclosed XVENUE Authorized to be charged to deposit account 8 Deposit account number: 19-0033 (Attach duplicate copy of this page if paying by deposit account	HMG04-058					
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Street Address: Suite 100, 830 Hillview Court Milpitas, CA 95035 Change of Name Additional name & address attached? Yes No Int number(s): together with a new application, the execution date of the application is: 11/8/05 B. Patent No.(s) Additional numbers attached? Yes X No whom correspondence emailed: E 7. Total fee (37 CFR 3.41): \$ 40.00 Enclosed XVENUE X Authorized to be charged to deposit acct. 8. Deposit account number: 19-0033 (Attach duplicate copy of this page if paying by deposit account	HSU KAI YANG, P	O-KANG WANG, XIZEI	NG SHI	Name: Applied	Spintronics, Inc.	277 U.S.
Suite 100, 830 Hillview Court Milpitas, CA 95035 USA Additional name & address attached? Additional name & address attached? Additional name wapplication, the execution date of the application is: 11/8/05 B. Patent No.(s) Additional numbers attached? Yes X No Additional numbers attached? Yes X No 6. Total no. of applications and patents involved:: 1 emailed: The country of this page if paying by deposit account number: 19-0033 (Attach duplicate copy of this page if paying by deposit account	Additional name(s) or con	veying party(ies) attached?	Yes X No		s:	113
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ADDITIONAL ASSIGNEE:

MagIC Technologies, Inc. 463-471 South Milpitas Blvd. Milpitas, CA 95035 USA

HMG04-058	For X U.S. and/or X Foreign Rights For X Application or U.S. Patent By X Inventor(s) or Present Owner
ASSIGNMEN	r of invention
	to ASSIGNOR of the sum of One Dollar (\$1.00), and for other good and valuable consideration,
ASSIGNOR:	
HSU KAI YANG HSU Ker. Yems Type or print name of ASSIGNOR 2980 Amoroso Court Address Pleasanton CA S4566 US Nationality	PO-KANG WANG Type or print name of ASSIGNOR OSI Shadow Book Dr. Addless San Jose. (A 95/20) Nationality
XIZENG SHI Type or print name of ASSIGNOR 43587 EXCELSO DV, Address Fremont, CA 94539 US Nationality hereby sells, assigns and transfers to ASSIGNEE:	
MagIC Technologies, Inc. 463-471 South Milpitas Boulevard Milpitas, CA 95035 USA Nationality	Applied Spintronics, Inc. Suite 100, 830 Hillview Court Milpitas, CA 95035 USA
and the successors, assigns and legal represe	entatives of the ASSIGNEE
(complete one of the following)	
the entire right, title and interest an undivided percent (%) inter	est for the United States and its territorial
possessions (check the following box/f foreig x and in all foreign countries	n rights are also to be assigned)
in and to any and all improvements which are A Reference Cell Scheme For MRAM	disclosed in the invention entitled:

(a) U.S. patent application executed on (b) U.S. patent application executed on (c) U.S. application serial no	and v	which is found in					
(c) U.S. application serial no	x	(a) U.S. patent application executed on even date herewith					
(d) U.S. patent no		(b) U.S. patent application executed on					
(e) and any legal equivalent thereof in a foreign country, including the right to clam priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof. 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. 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 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 affidiatis 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, If We have signed this (Date of signing) WARNING Date of signing miss be the same as the date of execution of the application if item (a) was checked above. Signature of the above person authorized to sign on behalf of ASSIGNOR Title Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized than it will only be	П	(c) U.S. application serial no.	filed on				
(e) and any legal equivalent thereof in a foreign country, including the right to clam priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof. 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. 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 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 affidiatis 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, If We have signed this (Date of signing) WARNING Date of signing miss be the same as the date of execution of the application if item (a) was checked above. Signature of the above person authorized to sign on behalf of ASSIGNOR Title Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized than it will only be	$\bar{\Pi}$	(d) U.S. patent no.	issued				
and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof. 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. 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 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 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 may be known 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 signed this WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above. Signature of assignment in a legal entity complete the following information Type or print the name of the above person authorized to sign on behalf of ASSIGNOR Title Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be	LJ	(also check (e) if foreign ард	lication(s) is also being assigned)				
continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof. 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. 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 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 signed this (Date of signing) WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above. Signature of ASSIGNOR Type or print the name of the above person authorized to sign on behalf of ASSIGNOR Title Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be	x	(e) and any legal equivalent thereof in a foreign countr	y, including the right to clam priority				
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 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 signed this WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above. Harmy July 100 Assignment in the name of the above person authorized to sign on behalf of ASSIGNOR Title Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be	conti	tinuation, division, renewal, or substitute, thereof, and	•				
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WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above. Continue Co	may or p repre and	tinent facts and documents relating to said invention and y be known and accessible to ASSIGNOR and will testify proceeding related thereto and will promptly execut resentatives any and all papers, instruments or affidavits enforce said application, said invention and said Letter	said Letters Patent and legal equivalents as as to the same in any interference, litigation e and deliver to ASSIGNEE or its legal required to apply for, obtain, maintain, issue as Patent and said equivalents thereof which				
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 Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be		(Date of signing)					
Type or print the name of the above person authorized to sign on behalf of ASSIGNOR Title Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be		Sign					
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prima facie evidence (35 USC 201). Use next page il hotalization is desired. Notarization of Legalization Page Added.		prima facie evidence (35 USC 261). Use next page if notarization is de	sired.				

RECORDED: 11/21/2005