Prem PTO-1958 (gr. 1002) US_DEPARTMENT OF COMMERCE US_Pater and Trademarks: Please record the attached original documents or copy theread. The enting of conveying party(les): 102745672 • To the Honorable Commissioner of Paterts and Trademarks: Please record the attached original documents or copy theread. • 1. Name of conveying party(les): 5.6-0.4// (2) Ving-Ching CHANG (3) Jau-Shin HUANG (3) Jau-Shin HUANG (3) Conveyance: 2. Name and address of receiving party(les) (3) Chen-Pang YU/ (4) Creery Vir ANG (3) Conveyance: 2. Name and address; Z, No. 17, Industry E 2rd Rd Science-Based Industrial Part, Hsinchu 300, Tailwan Steer Address; Same as above City: State: Zip: Assignment Merger Execution Date: 04/22/2004 A. Application number(s): Internal Address; Same as above Matter of conveyance: Internal Address; Bane as above Steet Address; Same as above 5. Total number of applications and patents involved; I A. Application No.(s) B. Patent No.(s) Mame: Raymond Y. CHAN Name of Person Signing Signature City: State: Zip: Signature. Signature B. Signature. Signature Signature. Signature		4-2004
OMB No.0851-0027 (exp. 6302005) 102745672 v Tab estings chick commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): v v 1. Name of conveying party(ies): 5.6-0-0/(1000) 2. Name and address of receiving party(ies) 0.00000000000000000000000000000000000	Form PTO-1595 REC (Rev. 10/02)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Tradematics: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 5. 6. 6. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	OMB No. 0651-0027 (exp. 6/30/2005)	
1. Name of conveying party(ies): 5.6.54 (1) Wei-Jung CHEN (5) Chien-Peng YU (2) Yung-Ching CHANG (5) Chien-Peng YU (3) Jaw-Shin HUANG (6) Chien-Peng YU (3) Jaw-Shin HUANG (6) Chien-Peng YU (3) Jaw-Shin HUANG (5) Chien-Peng YU (4) Cheng-Yu FANG Science-Based Industrial Park, Hsinchu 300, 3. Nature of conveyance: Science-Based Industrial Park, Hsinchu 300, [2] Assignment Change of Name [3] Other		
(1) Wei-Jung CHEN (5) Chien-Peng Yu 7 (2) Yung-Ching CHANQ (5) Chien-Peng Yu 7 (3) Jaw-Shin HUANQ (6) Chang-Yu FANQ (4) Cheng-Yu FANG Science-Based Industrial Park, Heinchu 300, Additional name(s) of conveyance: Taiwan Assignment Other Cherg Steet Address: Same as above Cherg City: Steet Address: Same as above Cherg City: Assignment Odditional name(s) & address(e) attached? Yes Yes Assignment City: Cherg Steet Address: Same as above City: Steet Address: Same as above City: State: Zip: Additional name(s) & address(e) attached? Yes Ne A. Application number(s) or patent number(s): Internal Address: Mame: Raymond Y. CHAN Internal Address: 108 N. Ynez Avenue, Suite 128 Monterey Park, CA 91754 Steet Address: Signature. Signature Signature. Signature Signature. Signature		
(2) Yung-Ching CHANG (3) Jaw-Shin HUANG (4) Cheng-Yu FANG (3) Jaw-Shin HUANG (4) Cheng-Yu FANG Science-Based Industrial Park, Hsinchu 300, Additional name(s) of conveying partyles) attached? Yes []No 3. Nature of conveying partyles) attached? []Yes []No 4. Application number(s) or patent number(s): (b) Cherge (c) Cherge (]Acditional name(s) & addresses) attached? [] Yes [] No 4. Application number(s) or patent number(s): (b) Cherge (]Acditional numbers attached? [] Yes [] No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Raymond Y. CHAN Name: Street Address: Same as above Street Address: Same as above (City:		
(a) Cheng Yu FANG (a) Cheng Yu FANG Additional name(s) of conveying partyles) attached? Yves No 3. Nature of conveyance: (a) Assignment (b) Cheng Yu FANG (c) Cheng Yu Fang Yu	·	
Additional name(s) of conveying partyles) attached [No Institute of conveyance: 3. Nature of conveyance: Image: Taiwan 3. Other City: Steet Address: Same as above 4. Application number(s) or patent number(s): Image: Taiwan Additional numbers (s) Additional numbers (stackes) attached? Yes Maddress: Not Additional numbers attached? Yes Yes Monterey Park, CA 91754 Image: Taiwan Street Address: Same as above Signature. City: State: Zip: Signature. Do Not use This SPACE Signature Mallocuments to be recorded with a reasonary of pages including cover sheet, attachereris, and documents: Signature Mallocuments to be recorded with a pagind cover sheet information tor <td< td=""><td></td><td></td></td<>		
Image: Security Agreement Image: Change of Name Other Change of Name Other City:State:Zip:		Science-Based Industrial Park, Hsinchu 300,
Security Agreement Change of Name Other Other City: State: Application number(s) or patent number(s): Additional name(s) & address(es) attached? Yes No 4. Application number(s) or patent number(s): Additional name(s) & address(es) attached? Yes No 4. Application number(s) or patent number(s): Additional name(s) & address(es) attached? Yes No 5. Name and address of party to whon correspondence concerning document should be mailed: 6. Total number of applications and patents involved: Name: Raymond Y. CHAN Yes Internal Address: Same as above Street Address: Same as above City: State: Zip: DO NOT USE THIS SPACE Signature. Raymond Y. CHAN Signature. Signature. Raymond Y. CHAN Signature. Signature. Name of Person Signing Signature. Signature. Total number of pages including cover sheet, information to: Commissioned of Tauenment, Box Assignments Mathecommut to be recorded with required cover sheet information to: Commissioned of Tauenment, Box Assignments	3. Nature of conveyance:	Taiwan
□ Other	Assignment Merger	
□ Other	Security Agreement Change of Name	Street Address: Same as above
City:		
Additional name(s) & address(es) attached? Yes Vo Additional name(s) & address(es) attached? Yes Vo 4 Additional name(s) & address(es) attached? Yes Vo A Application number(s) or patent number(s): Mathematication number(s) or patent number(s): Mathematication number(s) or patent number(s): Additional numbers attached? A Patent Application No.(s) Additional numbers attached? Yes Vo State: Same as above Internal Address: DO NOT USE THIS SPACE 9. Signature. Signature. Matheouments to be recorded with required cover sheet, attachments, and documents: Matheouments to be recorded with required cover sheet, attachments, for Assumption Matheouments to be recorded with required cover sheet, attachments, for Assumptions Matheouments to be recorded with required cover sheet information to: Commissioners, for Assumption Matheouments to be recorded with required cover sheet information to: Matheouments to be recorded with required cover sheet information to: Commissioners, for Assumption		
A 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: 05/06/2 A. Patent Application No.(s)	04/22/2004	State:State:
If this document is being filed together with a new application, the execution date of the application is: 05/06/2 A. Patent Application No.(s)		Additional name(s) & address(es) attached? Yes 🗸 No
A. Patent Application No.(s)	1 · · · · · · · · · · · · · · · · · · ·	84 1035
Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: Name: Raymond Y. CHAN 6. Total number of applications and patents involved: Internal Address: 108 N. Ynez Avenue, Suite 128 7. Total fee (37 CFR 3.41)		
Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Raymond Y. CHAN 6. Total number of applications and patents involved: 1 Internal Address: 108 N. Ynez Avenue, Suite 128 7. Total fee (37 CFR 3.41)	A. Patent Application No.(s)	B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Raymond Y. CHAN 7. Total fee (37 CFR 3.41)		
concerning document should be mailed: Name: Raymond Y. CHAN Internal Address: 108 N. Ynez Avenue, Suite 128 Monterey Park, CA 91754 ✓ Enclosed Monterey Park, CA 91754 Authorized to be charged to deposit account Street Address: Same as above . Street Address: Same as above 8. Deposit account number: . . . DO NOT USE THIS SPACE 9. Signature. Signature Maildocuments of pages including cover sheet, attachments, and documents: B. Maildocuments to be recorded with required cover sheet information to: Coverside tinformation to: Commissioner of Pages including cover sheet, attachments, Box Assignments B.		
Name: Raymond Y. CHAN Internal Address: 108 N. Ynez Avenue, Suite 128 Monterey Park, CA 91754 □ Authorized to be charged to deposit account Street Address: Same as above City:		6. Total number of applications and patents involved:
108 N. Ynez Avenue, Suite 128 Image: Constraint of pages including cover sheet, attachments, and documents: Monterey Park, CA 91754 Authorized to be charged to deposit account Monterey Park, CA 91754 Authorized to be charged to deposit account Street Address: Same as above City: State: Zip: DO NOT USE THIS SPACE 9. Signature. Signature Imail forcuments to be recorded with required cover sheet, attachments, and documents: Mail forcuments to be recorded with required cover sheet information to: Commissioner of Pages including cover sheet information to: <td>Name: Raymond Y. CHAN</td> <td>7. Total fee (37 CFR 3.41)\$40.00</td>	Name: Raymond Y. CHAN	7. Total fee (37 CFR 3.41)\$40.00
Street Address: Same as above Street Address: Same as above City: State:	108 N. Ynez Avenue, Suite 128	
Street Address: Same as above	Monterey Park, CA 91754	Authorized to be charged to deposit account
Street Address: Same as above		8. Deposit account number:
DO NOT USE THIS SPACE 9. Signature. Raymond Y. CHAN Name of Person Signing Total number of pages including cover sheet, attachments, and documents: Bignature Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231	Street Address: Same as above	
DO NOT USE THIS SPACE 9. Signature. Raymond Y. CHAN Name of Person Signing Total number of pages including cover sheet, attachments, and documents: Bignature Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231		
9. Signature. Raymond Y. CHAN Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 8 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231	 City:State:Zip:	
9. Signature. Raymond Y. CHAN Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 8 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231	DO NOT LISE	
Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: Date Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231 Washington, D.C. 20231		
Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: Date Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231 Washington, D.C. 20231	·)	
Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: Date Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231 Washington, D.C. 20231	Raymond X CHAN	
Total number of pages including cover sheet, attachments, and documents: 8 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231		
Maildocuments to be recorded with required cover sheet information to: MSETACHE 00000078 10841035 Maildocuments to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231		
Mol Inche VVVVV/0 IV04IV3J Washington, D.C. 20231	Mail documents to be recorded with	required cover sheet information to:
40.00 UP	Hot INCHE VOUVOVA IVATIVSJ Washington,	
	40.00 UP	
)	

REEL: 015314 FRAME: 0646

Attorney's Docket No.: USP2362T/TP0001-AAT

ASSIGNMENT

WHEREAS, I (we), Wei-Jung CHEN

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented a certain new and useful improvements in

Semiconductor Wafer and Manufacturing Process Thereof

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even data herewith

executed on:

.

filed on:

Serial No.:

WHEREAS, Advanced Analog Technology, Inc.

whose post office address is 2F, No. 17, Industry E. 2nd Rd., Science-Based Industrial Park, Hsinchu 300, Taiwan

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs. executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes Raymond Yat Chiu Chan to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

ASSIGNOR NAME: Wei-Jung CHEN

2F, No. 17, Industry E. 2nd Rd., Science-Based Industrial Park, Hsinchu 300, ADDRESS: Taiwan

RE Clin April 22, 2004 DATE

Attorney's Docket No.: USP2362T/TP0001-AAT___

ASSIGNMENT

WHEREAS, I (we), Yung-Ching CHANG

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented a certain new and useful improvements in

Semiconductor Wafer and Manufacturing Process Thereof

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even data herewith

executed on:

filed on:

Serial No.:

WHEREAS, Advanced Analog Technology, Inc.

whose post office address is 2F, No. 17, Industry E. 2nd Rd., Science-Based Industrial Park, Hsinchu 300, Taiwan

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States:

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes Raymond Yat Chiu Chan to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

ASSIGNOR NAME: Yung-Ching CHANG

2F, No. 17, Industry E. 2nd Rd., Science-Based Industrial Park, Hsinchu 300, ADDRESS: Taiwan

Jung-Ching Chang _____ DATE DATE

Attorney's Docket No.: USP2362T/TP0001-AAT

ASSIGNMENT

WHEREAS, I (we), **Jaw-Shin HUANG**

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented a certain new and useful improvements in

Semiconductor Wafer and Manufacturing Process Thereof

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even data herewith

executed on:

filed on:

Serial No .:

WHEREAS, Advanced Analog Technology, Inc.

whose post office address is 2F, No. 17, Industry E. 2nd Rd., Science-Based Industrial Park, Hsinchu 300, Taiwan

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs. executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes Raymond Yat Chiu Chan to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

ASSIGNOR NAME: **Jaw-Shin HUANG**

2F, No. 17, Industry E. 2nd Rd., Science-Based Industrial Park, Hsinchu 300, ADDRESS: Taiwan

Jaw Shin Knang April 72, 2004 DATE

Attorney's Docket No.:USP2362T/TP0001-AAT_____

ASSIGNMENT

WHEREAS, I (we), Cheng-Yu FANG

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented a certain new and useful improvements in

Semiconductor Wafer and Manufacturing Process Thereof

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even data herewith

executed on:

.

filed on:

Serial No.:

WHEREAS, Advanced Analog Technology, Inc

whose post office address is 2F, No. 17, Industry E. 2nd Rd., Science-Based Industrial Park, Hsinchu 300, Taiwan

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes Raymond Yat Chiu Chan to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

ASSIGNOR NAME: Cheng-Yu FANG

ADDRESS: 2F, No. 17, Industry E. 2nd Rd., Science-Based Industrial Park, Hsinchu 300, Taiwan

<u>SIGNATURE</u> Ju Fang <u>April 77. 2004</u> DATE

Attorney's Docket No.:USP2362T/TP0001-AAT_____

ASSIGNMENT

WHEREAS, I (we), Chien-Peng YU

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented a certain new and useful improvements in

Semiconductor Wafer and Manufacturing Process Thereof

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even data herewith

executed on:

filed on:

Serial No.:

WHEREAS, Advanced Analog Technology, Inc

whose post office address is 2F, No. 17, Industry E. 2nd Rd., Science-Based Industrial Park, Hsinchu 300, Taiwan

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes Raymond Yat Chiu Chan to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

ASSIGNOR NAME: Chien-Peng YU

ADDRESS: 2F, No. 17, Industry E. 2nd Rd., Science-Based Industrial Park, Hsinchu 300, Taiwan

SIGNATURE

Ung fu DATE Phil 22,2004.

PATENT REEL: 015314 FRAME: 0651

RECORDED: 05/06/2004