To the Commissioner for Petents. Please record the attached original documents or copies thereof.  1. Name of Conveying Pertylies): Chun-Chieh TSENG  2. Name and Address of Receiving Pertylies): Name: Sunplus Technology Co., Ltd. Street Address: 19, Innovation Road 1, Science Based Industrial Park  3. Nature of Conveyance: BAssignment   Merger   Security Agreement   Change of Name   City, State, Zip: Hsinchu 300, Talwan, R.O.C.  3. Nature of Conveyance: BAssignment   Merger   City, State, Zip: Hsinchu 300, Talwan, R.O.C.  4. (Al) Patent Application Numberis):  4. (B) Patent Application Numberis):  4. (B) Patent Application Numberis):  5. Name and Address of Receiving Partylies!: Name: Sunplus Technology Co., Ltd. Street Address: 19, Innovation Road 1, Science Based Industrial Park  6. (B) Patent Application and address(es) attached  7. (B) Patent Numberis):  8. (B) Patent Numberis):  1. (City, State, Zip: Hsinchu 300, Talwan, R.O.C.  9. Additional name(s) and address(es) attached  1. (B) Patent Numberis):  1. (City, State, Zip: Hsinchu 300, Talwan, R.O.C.  1. (B) Patent Numberis):  1. (City, State, Zip: Hsinchu 300, Talwan, R.O.C.  2. (City, State, Zip: Hsinchu 300, Talwan, R.O.C.  3. (City, State, Zip: Hsinchu 300, Talwan, R.O.C.  4. (B) Patent Numberis  4. (B) Patent Numberis  5. (City, State, Zip: Hsinchu 300, Talwan, R.O.C.  6. (City, State, Zip: Hsinchu 300, Talwan, R.O.C.  7. (City, State, Zip: Hsinchu 300, Talwan, R.O.C.  7. (City, State, Zip: Hsinchu 30	,-0°~;	U.S. PTO 12/654613 12/24/2009	-∴: ⊶ 01-07-	2010	
To the Commissioner for Patents. Please record the attached original documents or copies thereof.  1. Name of Conveying Partyllesi: Chun-Chieh TSENG  Chun-Chieh TSENG  2. Name and Address of Receiving Partyllesi: Name: Sumplus Technology Co., Ltd. Street Address: 19, Innovation Road 1, Science Based Industrial Park  City, State, Zip: Hsinchu 300, Taiwan, R.O.C.  Additional name(s) and address(es) attached 4. (A) Patent Application Numberis:  4. (A) Patent Application Numberis:  4. (B) Patent Numberis:  4. (B) Patent Numberis:  1. Total Number of Applications and Patents Involved: Name:  23364 CUSTOMER NUMBER  5. States Lane Fourth Floor Alexandria, VA 22314  Copy of the original document.  City, State, Zip: Hsinchu 300, Taiwan, R.O.C.  Additional name(s) and address(es) attached 4. (B) Patent Number(s) and address(es) attached 5. (Cas States Lane Fourth Floor Alexandria, VA 22314  Customer Number:  City, State, Zip: Hsinchu 300, Taiwan, R.O.C.	B/O FORM PTO-1595 (Rev. 4/00)		1 19 2 1 1 1 2 1 2 2 1 2 2 1 2 1 2 1 2 1		atent and Trademark Of
Chun-Chieh TSENG  Name: Sunplus Technology Co., Ltd.  Street Address: 19, Innovation Road 1, Science Based Industrial Park  3. Nature of Canveyance:    Assignment	To the Commissioner for Patents.	Please record the attached origin			
Street Address: 19, Innovation Road 1, Science Based Industrial Park  3. Nature of Conveyence:  BAssignment  Security Agreement  City, State, Zip: Hsinchu 300, Taiwan, R.O.C.  Additional name(s) and address(es) attached 4. (A) Patent Application, Number(s):  A (B) Patent Number(s):  A (B) Patent Number(s):  Additional name(s) and address(es) attached 4. (B) Patent Number(s):  Additional name(s) and address(es) attached 5. (B) Patent Number(s):  A (B) Patent Number(s):  A (B) Patent Number(s):  Title: TPS DECODER FOR DVB-T TELEVISION SYSTEM AND RECEIVER USING THE SAME 5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:  Name:  Bacon & Thomas, PLLC 625 Staters Lane Fourth Floor Alexandria, VA 22314  Bacon & Thomas, PLLC 625 Staters Lane Fourth Floor Alexandria, VA 22314  B. Deposit Account Number: 02-0200  9. Statement and Signature:  To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.  Eugene Mar  December 24, 20	1. Name of Conveying Party(les):		2. Name and Address	of Receiving Par	tylies):
Based Industrial Park    3. Nature of Conveyance:   SAssignment	Chun-Chiel	h TSENG	Name:	Sunplus Te	chnology Co., Ltd.
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4. (A) Patent Application Number(s):  4. (B) Patent Number(s):  (It this document is being filed together with a new application is: 2009  Additional Numbers Attached.  Title: TPS DECODER FOR DVB-T TELEVISION SYSTEM AND RECEIVER USING THE SAME Attorney Docket No.: TSEN3132/EM  5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:  Name:  23364  CUSTOMER NUMBER  Bacon & Thomas, PLLC 625 Slaters Lane Fourth Floor Alexandria, VA 22314  B. Deposit Account Number: 02-0200  9. Statement and Signature:  To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.  Eugene Mar  December 24, 20	Execution Date:	December 18, 2009	☐ Additional r	name(s) and a	address(es) attached.
application, the execution date of the application is: 2009    Additional Numbers Attached.		December 19			
Title: TPS DECODER FOR DVB-T TELEVISION SYSTEM AND RECEIVER USING THE SAME  Attorney Docket No.: TSEN3132/EM  5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:  Name: Eugene Mar  Total Number of Applications and Patents Involved:  7. Total Fee: (37 CFR 3.41)  Second Thomas, PLLC 625 Slaters Lane Fourth Floor Alexandria, VA 22314  Bacon & Thomas, PLLC 625 Slaters Lane Fourth Floor Alexandria, VA 22314  8. Deposit Account Number: 02-0200  9. Statement and Signature:  To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.  Eugene Mar  December 24, 20			1		
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Name:  Eugene Mar  Bacon & Thomas, PLLC 625 Slaters Lane Fourth Floor Alexandria, VA 22314  9. Statement and Signature:  To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.  Eugene Mar  Parents Involved:  7. Total Fee: (37 CFR 3.41)  Senciosed  December 24, 20			Total Number of A-	nlications and	
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23364 CUSTOMER NUMBER  625 Slaters Lane Fourth Floor Alexandria, VA 22314  8. Deposit Account Number: 02-0200  9. Statement and Signature:  To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.  Eugene Mar  December 24, 20	Name:	Eugene Mar		<u></u>	\$40.00
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ATTORNEY/DOCKET NO:

ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

WHEREAS, I am the original, first and sole inventor and I own (if only one name is listed below) or an original, first and joint inventor and the joint inventors own (if plural names are listed below) (referred to as "ASSIGNOR" below) the subject matter which is claimed and for which a patent is sought on the invention (referred to as the "INVENTION" below) entitled:

TPS Decoder for DVB-T Television System and Receiver Using the Same

the specification of which (check one):

X	is executed on even date herewith	
	was filed on (day-month-year)	as U.S. Application Number
<u>L.</u>	was filed on (day-month-year)	as PCT Application Number
	was executed on the following date(s) (day-month-year)	

WHEREAS,

Sunplus Technology Co., Ltd.

having a postal address of

19, Innovation Road 1, Science-Based Industrial Park, Heinchu 300, I aiwan R. O. C.

(referred to as "ASSIGNEE" below) desires to acquire the entire right, title and interest in and to the same in the U S;

NOW, IHEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents 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 applications 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 patents 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 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 any member of the firm of Bacon & Thomas, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S Patent and Trademark Office

Full Name of First or Sole Inventor	Post Office Address	
Chun-Chieh ISENG	4F., No.219, Changgengyihu Xincun,	
Citizenship	Residence (city, and either state or foreign country, MPEP §605 02)	
I aiwan R.O.C.	Guelshan Iownship, Taoyuan County 333, Iaiwan R.O.C.	
Date Dec 18, 2009	Signature Chun-Chieh, Tsang	

See following page(s) for additional joint inventors

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PATENT REEL: 023742 FRAME: 0942

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RECORDED: 12/24/2009