Office of Petitions: Routing Sheet



Application No. 12/420,315

This application is being forwarded to your office for further processing. A decision has been rendered on a petition filed in this application.

X GRANTED

DISMISSED

DENIED

Office of Petitions: De	Mailing Month	
Application No.	12420315	* 1 2 4 2 0 3 1 5 *
	umber only, no slashes or commas. of year of filing+last 5 numbers", Ex	Ex: 10123456 . for PCT/US05/12345, enter 51512345
Deciding Official:	FAISON-BALL, PA	ATRICIA
Count (1) - Palm Credit Decision: GRANT	12/420,315 FINANCE WORK NEEDED Select Check Box for YES	
Decision Type: 502 - 37 CFR	1.137(b) - REVIVAL BASED ON UN	
Notes:		
Count (2)		
Decision: n/a	FINANCE WORK NEEDED TO Select Check Box for YES	
Decision Type: NONE		
Notes:		
Count (3)		
Decision: n/a	Select Check Box for YES	
Decision Type: NONE		
Notes:		
Initials of Approving	Official (if required)	If more than 3 decisions, attach 2nd count sheet & mark this box
Printed on: 9/13/2016	O	ffice of Petitions Internal Document - Ver. 5.0

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/420,315	04/08/2009	Yan Ye	081389U1	2257
QUALCOMM INCORPORATED 5775 MOREHOUSE DR. SAN DIEGO, CA 92121		6	EXAMINER	
			XU, XIAOLAN	
			ART UNIT	PAPER NUMBER
			2488	
			NOTIFICATION DATE	DELIVERY MODE
			09/16/2016	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

us-docketing@qualcomm.com

UNITED STATES PATENT AND TRADEMARK OFFICE



Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 www.uspto.gov

In re Application of Yan Ye et al. Application No. 12/420,315 Filed: April 8, 2009

ON PETITION

Attorney Docket No.: 081389U1

This is a decision on the renewed petition filed September 9, 2016, under 37 CFR 1.137(a)¹, to revive the above-identified application.

The petition is **GRANTED**.

Of the rejected claims, the Examiner withdrew the rejection of some claims and the PATENT TRIAL AND APPEAL BOARD decision Affirmed rejections on the remainder. This application became abandoned due to the appellant's failure to timely take action after the PATENT TRIAL AND APPEAL BOARD decision rendered August 19, 2015. Accordingly, the Notice of Abandonment was mailed October 28, 2015. A petition to revive filed November 13, 2015 was dismissed in a decision mailed July 21, 2016 because the response filed was referred to the Examiner of record who determined that the response did not place the application in condition for allowance.

Comes now petitioner with the instant renewed petition, a Request for Continued Examination (RCE) and a request that the previously filed amendment be considered as the submission required under 37 CFR 1.114.

This matter is being referred to Technology Center 2488 for processing of the RCE.

Telephone inquiries related to this decision should be directed to the undersigned Attorney at (571) 272-3212.

/Patricia Faison-Ball/

Patricia Faison-Ball ATTORNEY ADVISOR Office of Petitions

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¹ Effective December 18, 2013, a grantable petition under 37 CFR 1.137(a) must be accompanied by: (1) the required reply, unless previously filed; (2) the petition fee as set forth in 37 CFR 1.17(m); (3) a statement that the entire delay in filing the required reply from the due date for the reply until the filing of a grantable petition pursuant to 37 CFR 1.137(a) was unintentional; and (4) any terminal disclaimer (and fee as set forth in 37 CFR 1.20(d)) required by 37 CFR 1.137(d). Where there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137 was unintentional, the Director may require additional information. See MPEP 711.03(c)(II)(C) and (D).

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 12/420,315 Confirmation No. 2257

Inventors : Ye, et al.

Filed : April 8, 2009

Art Unit : 2483

Examiner : Xiaolan Xu

Docket No. : 081389U1

Customer No. : 23696

RENEWED PETITION FOR REVIVAL UNDER 37 CFR 1.137(a) AND STATEMENT OF UNINTENTIONAL DELAY

Mail Stop Petition

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

On November 13, 2015, a Petition for Revival under 37 CFR 1.137(b) and Statement of Unintentional Delay, appropriate response and petition fee was filed in the above- identified application. On July 21, 2016 Applicant received an Office Communication which stated that the petition is dismissed.

The July 21, 2016 Communication asserted that the filed response did not place the application in condition for allowance, and therefore the application would remain abandoned until a proper response was filed.

In reply to the dismissal of the petition, Applicant files this renewed petition for revival under 37 CFR 1.137(a).

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION.

- 1. The petition fee was paid on November 13, 2015, therefore no additional fee is believed due.
- 2. A Request for Continued Examination and required fees are submitted with this petition.
- 3. Resubmission of the Amendment filed on November 13, 2015.

4. The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(a) was unintentional.

Please charge any necessary fees for this renewed petition and the U.S. National Phase application, including any fees for extension of time, to Deposit Account No. 17-0026.

Respectfully submitted,

Dated: August 30, 2016 By: /Brent Boyd/

Brent A. Boyd, Reg. No. 51,020

QUALCOMM Incorporated Attn: Patent Department 5775 Morehouse Drive

San Diego, California 92121-1714 Telephone: (858) 651-4567

Facsimile: (858) 845-3983

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/420,315 04/08/2009		Yan Ye	081389U1	2257
QUALCOMM INCORPORATED 5775 MOREHOUSE DR. SAN DIEGO, CA 92121		6	EXAMINER	
			XU, XIAOLAN	
			ART UNIT	PAPER NUMBER
			2488	
			NOTIFICATION DATE	DELIVERY MODE
			07/21/2016	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

us-docketing@qualcomm.com

UNITED STATES PATENT AND TRADEMARK OFFICE



Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 www.uspto.gov

In re Application of Yan Ye et al. Application No. 12/420,315

ON PETITION

Filed: April 8, 2009

Attorney Docket No.: 081389U1

This is a decision on the filed November 13, 2015, under 37 CFR 1.137(a)¹, to revive the above-identified application.

The petition is **DISMISSED**.

Any request for reconsideration of this decision must be submitted within TWO (2) MONTHS from the mail date of this decision. Extensions of time under 37 CFR 1.136(a) are permitted. The reconsideration request should include a cover letter entitled "Renewed Petition under 37 CFR 1.137(a)". This is **not** a final agency decision.

Of the rejected claims, the Examiner withdrew the rejection of some claims and the PATENT TRIAL AND APPEAL BOARD decision Affirmed rejections on the remainder. This application became abandoned due to the appellant's failure to timely take action after the PATENT TRIAL AND APPEAL BOARD decision rendered August 19, 2015. Accordingly, the Notice of Abandonment was mailed October 28, 2015.

In view thereof, the amendment filed with the instant petition has been referred to the Examiner of record who opines that the amendment filed November 13, 2015 did not place the application in condition for allowance.

The application will therefore remain in an abandoned status until such time as a renewed petition with a proper response has been submitted.

A courtesy copy of an Advisory Action is included.

Further correspondence with respect to this matter should be addressed as follows:

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¹ Effective December 18, 2013, a grantable petition under 37 CFR 1.137(a) must be accompanied by: (1) the required reply, unless previously filed; (2) the petition fee as set forth in 37 CFR 1.17(m); (3) a statement that the entire delay in filing the required reply from the due date for the reply until the filing of a grantable petition pursuant to 37 CFR 1.137(a) was unintentional; and (4) any terminal disclaimer (and fee as set forth in 37 CFR 1.20(d)) required by 37 CFR 1.137(d). Where there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137 was unintentional, the Director may require additional information. See MPEP 711.03(c)(II)(C) and (D).

Application/Control Number: 12/420,315 Page 2

Art Unit: OPET

By mail: Mail Stop Petitions

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

By FAX: (571) 273-8300

ATTN: Office of Petitions

Telephone inquiries concerning this matter may be directed to the undersigned Attorney at (571) 272-3212.

/Patricia Faison-Ball/

Patricia Faison-Ball ATTORNEY ADVISOR Office of Petitions

Enclosure: ADVISORY ACTION

Advisory Action Before the Filing of an Appeal Brief

Application No. 12/420,315	Applicant(s) YE ET AL.	
Examiner	Art Unit	AIA (First Inventor to File) Status
XIAOLAN XU	2488	No

The MAILING DATE of this communication ann	ears on the cover sheet with the correspondence address		
The MAILING DATE of this communication appears on the cover sheet with the correspondence address THE REPLY FILED 13 November 2015 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.			
NO NOTICE OF APPEAL FILED			
 The reply was filed after a final rejection. No Notice of Appeal has of the following replies: (1) an amendment, affidavit, or other evide 	been filed. To avoid abandonment of this application, applicant must timely file one ence, which places the application in condition for allowance;		
	R 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 re not permitted in design applications. The reply must be filed within one of the		
a) The period for reply expiresmonths from the mailin	ng date of the final rejection.		
· · · · · · · · · · · · · · · · · · ·	lvisory Action; or (2) the date set forth in the final rejection, whichever is later. In		
	ter than SIX MONTHS from the mailing date of the final rejection.		
	the mailing date of the final rejection in response to a first after-final reply filed		
within 2 months of the mailing date of the final rejection. The the prior Advisory Action or SIX MONTHS from the mailing da			
Examiner Note: If box 1 is checked, check either box (a	a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE		
FIRST RESPONSE TO APPLICANT'S FIRST AFTER-	FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL		
	D SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f). ate on which the petition under 37 CFR 1.136(a) and the appropriate extension		
	d of extension and the corresponding amount of the fee. The appropriate		
	ation date of the shortened statutory period for reply originally set in the final		
	eply received by the Office later than three months after the mailing date of the		
final rejection, even if timely filed, may reduce any earned patent terr NOTICE OF APPEAL	madjustinent. See 37 GFR 1.704(b).		
	mpliance with 37 CFR 41.37 must be filed within two months of the date of filing		
	eof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of		
Appeal has been filed, any reply must be filed within the time p			
<u>AMENDMENTS</u>			
3. The proposed amendments filed after a final rejection, but price			
a) They raise new issues that would require further consid	leration and/or search (see NOTE below);		
b) They raise the issue of new matter (see NOTE below);			
appeal; and/or	form for appeal by materially reducing or simplifying the issues for		
d) Lathey present additional claims without canceling a corre			
NOTE: <u>The new limitations were added into the indeper</u>	endent claims. Further consideration and/or search are required. (See 37 CFR		
4. The amendments are not in compliance with 37 CFR 1.121. S	See attached Notice of Non-Compliant Amendment (PTOL-324).		
5. Applicant's reply has overcome the following rejection(s):	·		
 Newly proposed or amended claim(s) would be allowal allowable claim(s). 	ble if submitted in a separate, timely filed amendment canceling the non-		
	will not be entered, or (b) will be entered, and an explanation of how the		
new or amended claims would be rejected is provided below o AFFIDAVIT OR OTHER EVIDENCE			
8. A declaration(s)/affidavit(s) under 37 CFR 1.130(b) was/were to			
	e or on the date of filing a Notice of Appeal will <u>not</u> be entered because asons why the affidavit or other evidence is necessary and was not earlier		
10. The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered			
because the affidavit or other evidence failed to overcome <u>all</u> rejections under appeal and/or appellant fails to provide a showing of good and			
sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).			
11. The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached. REQUEST FOR RECONSIDERATION/OTHER			
12. The request for reconsideration has been considered but does NOT place the application in condition for allowance because:			
40 D Note the attached information Disclosure Statements (DTO	(CD/00) Deven No/a)		
13. ☐ Note the attached Information <i>Disclosure Statement</i>(s). (PTO.14. ☐ Other:	75b/06) Paper No(s)		
STATUS OF CLAIMS			
15. The status of the claim(s) is (or will be) as follows:			
Claim(s) allowed:			
Claim(s) objected to:			
Claim(s) rejected: 1-50. Claim(s) withdrawn from consideration:			
The state of the s	/XIAOLAN XU/		
	Examiner, Art Unit 2488		

Office of Petitions: Dec	Mailing Month			
Application No.	12420315	* 1 2 4 2 0 3 1 5 *		
For US serial numbers: enter number only, no slashes or commas. Ex: 10123456 For PCT: enter "51+single digit of year of filing+last 5 numbers", Ex. for PCT/US05/12345, enter 51512345				
Deciding Official:	FAISON-BALL, P.	ATRICIA		
Count (1) - Palm Credit	12/420,315			
Decision: DISMISSED •	FINANCE WORK NEEDED			
Decision Type: 502 - 37 CFR 1	.137(b) - REVIVAL BASED ON U	NINTENTIC → * 5 0 2 *		
Notes:				
Count (2)				
Decision: n/a	FINANCE WORK NEEDED	S		
Decision Type: NONE				
Notes:				
Count (3)				
Decision: n/a ▼	FINANCE WORK NEEDED Select Check Box for YES	5		
Decision Type: NONE				
Notes:				
Initials of Approving C	fficial (if required)	If more than 3 decisions, attach 2nd count sheet & mark this box		
Printed on: 7/19/2016	C	Office of Petitions Internal Document - Ver. 5.0		

Office of Petitions: Routing Sheet



Application No. 12/420,315

This application is being forwarded to your office for further processing. A decision has been rendered on a petition filed in this application.

GRANTED

X DISMISSED

DENIED

Doc Code: PET.OP

Document Description: Petition for Review by the Office of Petitions

PTO/SB/64 (07-09)

Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT Docket Number (Optional) ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b) 081389U1 First named inventor: Yan YE Application No.: 12/420,315 Art Unit: <u>2488</u> Filed: April 8, 2009 Examiner: Xiaolan XU Title: Rate-distortion defined interpolation for video coding based on fixed filter or adaptive filter Attention: Office of Petitions **Mail Stop Petition** Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 FAX (571) 273-8300 NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282. The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus any extensions of time actually obtained. APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION NOTE: A grantable petition requires the following items: (1) Petition fee: (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and (4) Statement that the entire delay was unintentional 1. Petition Fee Small entity-fee \$_____(37 CFR 1.17(m)). Application claims small entity status. See 37 CFR 1.27. Other than small entity-fee \$ 1,700 (37 CFR 1.17(m)) 2. Reply and/or fee The reply and/or fee to the above-noted Office action in Α. the form of Amendment _____ (identify type of reply): has been filed previously on ______. is enclosed herewith. The issue fee and publication fee (if applicable) of \$_____ В. has been paid previously on _____ is enclosed herewith.

[Page 1 of 2]
This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/64 (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

3. T	erminal disclaimer with disclaimer fee			
	Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.			
	A terminal disclaimer (and disclaimer fee (37 other than a small entity) disclaiming the requi			
gran requ	4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).]			
to ide chec petition shou advis reque aban (see	oner/applicant is cautioned to avoid submitting personal entity theft. Personal information such as social security k or credit card authorization form PTO-2038 submitted on or an application. If this type of personal information do consider redacting such personal information from the that the record of a patent application is available to est in compliance with 37 CFR 1.213(a) is made in the adoned application may also be available to the public if 37 CFR 1.14). Checks and credit card authorization for cation file and therefore are not publicly available.	numbers, bank account for payment purposes) is is included in documents e documents before subrithe public after publication prissuance of the application is referen	numbers, or credit card numbers (other than a senever required by the USPTO to support a submitted to the USPTO, petitioners/applicants mitting them to the USPTO. Petitioner/applicant is on of the application (unless a non-publication f a patent. Furthermore, the record from an ced in a published application or an issued patent for payment purposes are not retained in the	
	/Brent Boyd/		November 13, 2015	
	Signature		Date 51020	
	Brent Boyd			
	Type or Printed name		Registration Number, If applicable (858) 651-4567	
	QUALCOMM Incorporated Address		Telephone Number	
	5775 Morehouse Drive, San Diego, CA 92121		relephone Number	
Γ	Address osures: Fee Payment Reply Terminal Disclaimer Form Additional sheets containing s Other: CERTIFICATE OF MAILIN			
I hereby certify that this correspondence is being: Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450. Transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300. Date Signature				
		_		
		Typed or printed nar	me of person signing certificate	

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
- 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.