

controls the transmission module to transmit the data stored in the Msg3 buffer to the base station using the UL Grant received by the reception module on the random access response message.

26. (New) A method of transmitting data by a user equipment through an uplink to solve a problem which may occur when data stored in a message 3 (Msg3) buffer is transmitted according to a reception mode of an Uplink (UL) Grant, the method comprising:

receiving an uplink grant (UL Grant) from a base station;

determining whether there is data stored in the message 3 (Msg3) buffer and whether the UL Grant was received on a random access response message; and

transmitting, only when there is data stored in the Msg3 buffer and when the UL Grant was received on the random access response message, the data stored in the Msg3 buffer to the base station using the UL Grant received on the random access response message.

REMARKS

Applicant respectfully requests reconsideration of this application as amended.

Applicant thanks the Examiner for the courtesies extended during the 19 October 2015 Interview. During the Interview, the above claim amendments were discussed and the Examiner indicated that the changes appeared to resolve the 112 issues and that an updated search would need to be performed.

By the above amendments, Applicant has addressed the 35 U.S.C. §112 rejection and believes it has been overcome. Withdrawal of the rejection is respectfully requested.

Regarding the art-based rejection in view of Ou, this rejection is respectfully traversed.

The independent claims generally recite transmitting, only when there is data stored in the Msg3 buffer and when the UL Grant was received on the random access response message, the data stored in the Msg3 buffer to the base station using the UL Grant received on the random access response message.

Ou does not disclose this feature.

Rather, in Ou, the UE monitors the Contention Resolution message. When the UE receives an uplink grant on PDCCH addressed to the Temporary C-RNTI, the UE identifies whether the HARQ process corresponding to the uplink grant is identical to the HARQ Process used for transmission of the MAC PDU in the Message 3 buffer. When the HARQ process corresponding to the uplink grant is different from the HARQ Process used for transmission of the MAC PDU in the Message 3 buffer, the UE shall not use the received uplink grant for data transmission.

With all features not being taught, suggested nor disclosed by Ou, Applicant respectfully requests withdrawal of the 35 U.S.C. §103 rejection.

With all rejections having been overcome, Applicant respectfully submits the application is in condition for allowance.

A prompt notice of allowance is respectfully solicited.

Should the Examiner believe anything further is desirable in order to place the application in even better condition for allowance, the Examiner is encouraged to contact Applicants undersigned representative at the telephone number listed below.

The Commissioner is hereby authorized to charge to deposit account number 19-1970 any fees under 37 CFR § 1.16 and 1.17 that may be required by this paper and to credit any overpayment to that Account. If any extension of time is required in connection with the filing of this paper and has not been separately requested, such extension is hereby Petitioned.

Respectfully submitted,

SHERIDAN ROSS P.C.

Date: February 10, 2016

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UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/801,529	03/13/2013	Sung Jun PARK	7836-5-CON-2	4046
62574	7590	04/08/2016	EXAMINER	
Jason H. Vick Sheridan Ross, PC Suite # 1200 1560 Broadway Denver, CO 80202			HALL, TEISHA DANEA	
			ART UNIT	PAPER NUMBER
			2461	
			NOTIFICATION DATE	DELIVERY MODE
			04/08/2016	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):

jvick@sheridanross.com

Office Action Summary	Application No. 13/801,529	Applicant(s) PARK ET AL.	
	Examiner TEISHA D. HALL	Art Unit 2461	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 02/10/2016.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
- 4) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

- 5) Claim(s) 1-26 is/are pending in the application.
5a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 6) Claim(s) _____ is/are allowed.
- 7) Claim(s) _____ is/are rejected.
- 8) Claim(s) 1-26 is/are objected to.
- 9) Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

- 10) The specification is objected to by the Examiner.
- 11) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) All b) Some** c) None of the:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____.
 - 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date _____.
- 3) Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 4) Other: _____.

Art Unit: 2461

The present application is being examined under the pre-AIA first to invent provisions.

DETAILED ACTION

This application is in condition for allowance except for the following formal matters:

Claims 9 and 25 are objected to as containing modules whose structural supports are not clearly identified in the specification. Please provide prompt consideration of this matter.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 25 USPQ 74, 453 O.G. 213, (Comm'r Pat. 1935).

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TEISHA D. HALL whose telephone number is (571)272-9463. The examiner can normally be reached on Monday - Friday 10:00AM-6:30PM EST alt. Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy D. Vu can be reached on 571-272-3155. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2461

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/T. D. H./
Examiner, Art Unit 2461

/HUY D VU/

Supervisory Patent Examiner, Art Unit 2461

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of: Sung Jun PARK	)	Group Art Unit: 2461
Application No.: 13/801,529	)	Examiner: HALL, Teisha Danae
Filed: March 13, 2013	)	Confirmation No.: 4046
Atty. File No.: 7836-5-CON-2)	

For: DATA TRANSMISSION METHOD AND USER EQUIPMENT FOR THE SAME

AMENDMENT AND RESPONSE

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

Madam:

Applicant submits this Response to address the *Ex parte Quayle* Action having a mailing date of April 8, 2016. Please credit any overpayment or charge any underpayment to Deposit Account No. 19-1970.

Please amend the above-identified patent application as follows:

Amendments to the Claims are shown in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method of transmitting data by a user equipment through an uplink, the method comprising:
receiving an uplink grant (UL Grant) from a base station;
determining whether there is data stored in a message 3 (Msg3) buffer and whether the UL Grant was received on a random access response message; and
transmitting, only when there is data stored in the Msg3 buffer and when the UL Grant was received on the random access response message, the data stored in the Msg3 buffer to the base station using the UL Grant received on the random access response message.

2. (Previously Presented) The method according to claim 1, further comprising:
transmitting new data to the base station in correspondence with the UL Grant, when the UL Grant is not received on the random access response message.

3. (Previously Presented) The method according to claim 1, further comprising:
receiving another UL Grant on a physical downlink control channel (PDCCH); and
transmitting new data to the base station in correspondence with the another UL Grant.

4. (Original) The method according to claim 2, wherein the transmitting the new data to the base station includes:
acquiring a Medium Access Control Protocol Data Unit (MAC PDU) from a multiplexing and assembly entity; and
transmitting the MAC PDU to the base station.

5. (Previously Presented) The method according to claim 4, further comprising performing at least an HARQ procedure when transmitting the new data with the MAC PDU to the base station.

6. (Previously Presented) The method according to claim 3, wherein the another UL Grant is received on the PDCCH related to one of Cell-Radio Network Temporary Identifier (RNTI) and Temporary Cell-RNTI.

7. (Original) The method according to claim 1, wherein the data stored in the Msg3 buffer is a Medium Access Control Protocol Data Unit (MAC PDU) including a user equipment identifier.

8. (Previously Presented) The method according to claim 7, wherein the data stored in the Msg3 buffer further includes information about a buffer status report (BSR) when the user equipment starts a random access procedure for the BSR.

9. (Previously Presented) A user equipment comprising:
a reception module associated with a physical layer that receives over a physical channel an uplink grant (UL Grant) from a base station;
a transmission module also associated with the physical layer that transmits data to the base station using the UL Grant;
a message 3 (Msg3) buffer that stores UL data to be transmitted in a random access procedure; and
a Hybrid Automatic Repeat Request (HARQ) entity that:
determines whether there is data stored in the Msg3 buffer and whether the UL Grant was received on the random access response message, and only when there is data stored in the Msg3 buffer and the UL Grant was received on the random access response message:
acquires the data stored in the Msg3 buffer, and
controls the transmission module to transmit the data stored in the Msg3 buffer to the base station using the UL Grant received by the reception module on the random access response message.

10. (Previously Presented) The method of claim 1, wherein the uplink grant (UL Grant) is received over a physical channel.

11. (Previously Presented) The method of claim 10, wherein a physical layer is connected to the physical channel and the physical layer is connected to a Medium Access Control (MAC) layer.

12. (Previously Presented) The method of claim 1, wherein the UL Grant indicates information about uplink radio resources.

13. (Previously Presented) The method of claim 1, wherein the user equipment includes the following connected elements: a HARQ entity, a buffer and a multiplexing assembly entity.

14. (Previously Presented) The method of claim 1, wherein the uplink grant is a signal.

15. (Previously Presented) The method of claim 1, wherein the uplink grant is information.

16. (Previously Presented) A system for transmitting data by a user equipment through an uplink comprising:

means for receiving an uplink grant (UL Grant) from a base station;

means for determining whether there is data stored in a message 3 (Msg3) buffer and whether the UL Grant was received on a random access response message; and

means for transmitting, only when there is data stored in the Msg3 buffer and when the UL Grant was received on the random access response message, the data stored in the Msg3 buffer to the base station using the UL Grant received on the random access response message.

17. (Previously Presented) The system according to claim 16, further comprising:

means for transmitting new data to the base station in correspondence with the UL Grant, when the UL Grant is not received on the random access response message.

18. (Previously Presented) The system according to claim 16, further comprising:
means for receiving another UL Grant on a physical downlink control channel (PDCCH);
and

means for transmitting new data to the base station in correspondence with the another UL Grant.

19. (Previously Presented) The system according to claim 17, wherein the means for transmitting the new data to the base station includes:

means for acquiring a Medium Access Control Protocol Data Unit (MAC PDU) from a multiplexing and assembly entity; and

means for transmitting the MAC PDU to the base station.

20. (Previously Presented) The system according to claim 19, further including means for performing at least an HARQ procedure when transmitting the new data with the MAC PDU to the base station.

21. (Previously Presented) The system according to claim 18, wherein the another UL Grant is received on the PDCCH related to one of Cell-Radio Network Temporary Identifier (RNTI) and Temporary Cell-RNTI.

22. (Previously Presented) The system according to claim 16, wherein the data stored in the Msg3 buffer is a Medium Access Control Protocol Data Unit (MAC PDU) including a user equipment identifier.

23. (Previously Presented) The system according to claim 22, wherein the data stored in the Msg3 buffer further includes information about a buffer status report (BSR) when the user equipment starts a random access procedure for the BSR.

24. (Previously Presented) A user equipment comprising:
means for receiving over a physical channel an uplink grant (UL Grant) from a base station;
means for transmitting data to the base station using the UL Grant;
means for storing UL data to be transmitted in a random access procedure; and
means for determining whether there is data stored in the means for storing and whether the UL Grant was received on the random access response message, and only when there is data stored in the means for storing and the UL Grant was received on the random access response message:
means for acquiring the data stored in the means for storing , and
means for transmitting the data stored in the means for storing to the base station using the UL Grant received on the random access response message.

25. (Previously Presented) A mobile LTE communications system comprising:
a reception module associated with a physical layer that receives over a physical channel an uplink grant (UL Grant) from a base station;
a transmission module also associated with the physical layer that transmits data to the base station using the UL Grant;
a message 3 (Msg3) buffer that stores UL data to be transmitted in a random access procedure; and
a Hybrid Automatic Repeat Request (HARQ) entity that:
determines whether there is data stored in the Msg3 buffer and whether the UL Grant was received on the random access response message, and only when there is data stored in the Msg3 buffer and the UL Grant was received on the random access response message:
acquires the data stored in the Msg3 buffer, and
controls the transmission module to transmit the data stored in the Msg3 buffer to the base station using the UL Grant received by the reception module on the random access response message.

26. (Previously Presented) A method of transmitting data by a user equipment through an uplink to solve a problem which may occur when data stored in a message 3 (Msg3) buffer is transmitted according to a reception mode of an Uplink (UL) Grant, the method comprising:

receiving an uplink grant (UL Grant) from a base station;

determining whether there is data stored in the message 3 (Msg3) buffer and whether the UL Grant was received on a random access response message; and

transmitting, only when there is data stored in the Msg3 buffer and when the UL Grant was received on the random access response message, the data stored in the Msg3 buffer to the base station using the UL Grant received on the random access response message.

REMARKS

Applicant respectfully requests reconsideration of this application.

Applicant thanks Ex. Hall for the indication that claims 1-26 are allowed.

The Office Action states “Claims 9 and 25 are objected to as containing modules whose structural supports are not clearly identified in the specification. Please provide prompt consideration of this matter.”

Claims 9 and 25 include a reception module and a transmission module.

The specification states in paragraph 9 in relation to Fig. 1 that:

Layers of radio interface protocol between the UE and the network may be classified into a first layer L1, a second layer L2 and a third layer L3 based on three lower layers of an Open System Interconnection (OSI) reference model that is widely known in the field of communication systems. A physical layer belonging to the first layer provides an information transfer service using a physical channel. A Radio Resource Control (RRC) layer belonging to the third layer serves to control radio resources between the UE and the network.

The specification further states in paragraph 13 that:

A physical (PHY) layer of the first layer provides an information transfer service to an upper layer using a physical channel. The PHY layer is connected to an upper layer, such as a Medium Access Control (MAC) layer, via a transport channel. Data is transferred between the MAC layer and the PHY layer via the transport channel. At this time, the transport channel is largely divided into a dedicated transport channel and a common transport channel, depending on whether or not a channel is shared. Data is also transferred between different PHY layers, such as a physical layer of a transmitting side and a physical layer of a receiving side, via a physical channel using radio resources.

The specification also states in paragraphs 38-39 that:

In another aspect of the present invention, a user equipment includes a reception module receiving an uplink grant (UL Grant) signal from a base station on a specific message, a transmission module transmitting data to the base station using the UL Grant signal received on the specific message, a message 3 (Msg3) buffer storing UL data to be transmitted in a random access procedure, and a Hybrid Automatic Repeat Request (HARQ) entity determining whether there is data stored in the Msg3 buffer when the reception module receives the UL Grant signal

and the specific message is a random access response message, acquiring the data stored in the Msg3 buffer if there is data stored in the Msg3 buffer when the reception module receives the UL Grant signal and the specific message is the random access response message, and controlling the transmission module to transmit the data stored in the Msg3 buffer to the base station using the UL Grant signal received by the reception module on the specific message.

The user equipment may further include a multiplexing and assembly entity used for transmission of new data. In this case, the HARQ entity may acquire the new data to be transmitted from the multiplexing and assembly entity if there is no data stored in the Msg3 buffer when the reception module receives the UL Grant signal on the specific message or the received message is not the random access response message, and control the transmission module to transmit the new data acquired from the multiplexing and assembly entity using the UL Grant signal received by the reception module on the specific message.

The specification further states in paragraph 137 that:

In the configuration of the UE shown in FIG. 11, the Tx module 1102 and the Rx module 1101 may be configured as a physical layer processing module 1108,...

At least based on the above portions of the specification, structural support for the requested terms has been identified – withdrawal of the objection is respectfully requested.

With the objection having been overcome, Applicant respectfully submits the application is in condition for allowance.

A prompt Notice of Allowance is respectfully solicited.

Should the Examiner believe anything further is desirable in order to place the application in even better condition for allowance, the Examiner is encouraged to contact Applicants undersigned representative at the telephone number listed below.

The Commissioner is hereby authorized to charge to deposit account number 19-1970 any fees under 37 CFR § 1.16 and 1.17 that may be required by this paper and to credit any overpayment to that Account. If any extension of time is required in connection with the filing of this paper and has not been separately requested, such extension is hereby Petitioned.

Respectfully submitted,

SHERIDAN ROSS P.C.

Date: May 19, 2016

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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	13/801,529
				Filing Date	March 13, 2013
				First Named Inventor	Sung Jun PARK
				Art Unit	2461
				Examiner Name	HALL, Teisha Danaea
Sheet	1	of	8	Attorney Docket Number	7836-5-CON-2

U.S. PATENT DOCUMENTS					
Examiner initials*	Cite No. ¹	Document Number Number-kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	7047009	05-16-2006	Laroia et al.	
	2	7292641	11-06-2007	Suh et al.	
	3	7424067	09-09-2008	Vanderperren et al.	
	4	7426175	09-16-2008	Zhuang et al.	
	5	7433418	10-07-2008	Dogan et al.	
	6	7447504	11-04-2008	Lohr et al.	
	7	7496113	02-24-2009	Cai et al.	
	8	7570618	08-04-2009	Son et al.	
	9	7580400	08-25-2009	Sung et al.	
	10	7590183	09-15-2009	Yonge, III et al.	
	11	7599327	10-06-2009	Zhuang	
	12	7623439	11-24-2009	Webster et al.	
	13	7664076	02-16-2010	Kim et al.	
	14	7675841	03-09-2010	Suh et al.	
	15	7693517	04-06-2010	Etemad et al.	
	16	7701919	04-20-2010	Ah Lee	
	17	7702028	04-20-2010	Zhou et al.	
	18	7961696	06-14-2011	Ma et al.	
	19	7995967	08-09-2011	Li et al.	
	20	8000305	08-16-2011	Tan et al.	
	21	8098745	01-17-2012	Bertrand et al.	
	22	8116195	02-14-2012	Hou et a.	
	23	8121045	02-21-2012	Cai et al.	
	24	8131295	03-06-2012	Wang et al.	
	25	8180058	05-12-2012	Kitazoe	
	26	8448037	05-21-2013	Bergquist et al.	
	27	9094202	07-28-2015	Maheshwari et al.	
	28	9204468	12-01-2015	Tynderfeldt et al.	
	29	2005/0084030	04-21-2005	Zhou et al.	
	30	2005/0259567	11-24-2005	Webster et al.	
	31	2006/0018336	01-26-2006	Sutivong et al.	
	32	2006/0126570	06-15-2006	Kim et al.	
	33	2006/0274843	12-17-2006	Koo et al.	
	34	2007/0110172	05-17-2007	Faulkner et al.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference is considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
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				Filing Date	March 13, 2013
				First Named Inventor	Sung Jun PARK
				Art Unit	2461
				Examiner Name	HALL, Teisha Danaea
Sheet	2	of	8	Attorney Docket Number	7836-5-CON-2

	35	2007/0253465	11-01-2007	Muharemovic et al.	
	36	2007/0270273	11-22-2007	Fukuta et al.	
	37	2007/0291696	12-20-2007	Zhang et al.	
	38	2009/0163211	06-25-2009	Kitazoe et al.	

UNPUBLISHED U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-kind Code ² (if known)	Filing Date MM-DD-YYYY	Name of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	39	60/759697	01-17-2006	Tan et al.	
	40	60/815246	06-19-2006	Zhang et al.	
	41	60/815023	06-20-2006	Chandra et al.	
	42	60/015159	12-19-2007	Kitazoe et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ ; Number ⁴ ; Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	43	CN 1437416 A	08-20-2003	HUAWEI TECH CO LTD		(Includes English Translation)
	44	CN 1596020 A	03-16-2005	HUAWEI TECH CO LTD		(Includes English Translation)
	45	EP 1404079	03-31-2004	SAMSUNG ELECTRONICS CO., LTD.		
	46	EP 1469697 A2	10-20-2004	SAMSUNG ELECTRONICS CO., LTD.		
	47	EP 1794971 B1	03-17-2010	INTEL CORPORATION		
	48	EP 1787414 B1	01-11-2012	NORTEL NETWORKS LIMITED		

Examiner Signature		Date Considered	
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				Filing Date	March 13, 2013
				First Named Inventor	Sung Jun PARK
				Art Unit	2461
				Examiner Name	HALL, Teisha Danaea
Sheet	3	of	8	Attorney Docket Number	7836-5-CON-2

	49	KR 10-2006-0066595	06-16-2006	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	(Believed to Correspond to US Publication No. 2006/0126570 cited herein)
	50	KR 10-062668	09-14-2006	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	(Includes English Translation)
	51	WO 2004/030392	04-08-2004	TELEFONAKTIEBOLAGET LM ERICSSON	
	52	WO 2005/043791	05-12-2005	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	
	53	WO 2005/088882	09-22-2005	NORTEL NETWORKS LIMITED	
	54	WO 2006/023536	03-02-2006	ZTE SAN DIEGO, INC.	
	55	WO 2007/082409	07-26-2007	HUAWEI TECH CO LTD	
	56	WO 2007/138453	12-06-2007	NOKIA CORPORATION	

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
Examiner Initials*	Cite No. ¹	
	57	3GPP Meeting Registration; Meeting: RAN2#62; Kansas City; May 5, 2008 (6 pages)
	58	3GPP Meeting Registration; Meeting: 3GPPRAN1#44; March 10, 2016 (7 pages)
	59	3GPP Meeting Registration; Meeting: 3GPPRAN1#44-bis; March 12, 2016 (6 pages)

Examiner Signature		Date Considered	
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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	13/801,529
				Filing Date	March 13, 2013
				First Named Inventor	Sung Jun PARK
				Art Unit	2461
				Examiner Name	HALL, Teisha Danaea
				Attorney Docket Number	7836-5-CON-2
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60	3GPP Meeting Registration; Meeting: 3GPPRAN2#62-bis; March 12, 2016 (6 pages)
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65	3GPP TSG RAN1 #44 "RACH Design for EUTRA" Denver, USA; R1-060387; Feb. 13-17, 2006 (11 pages)
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67	3GPP TSG RAN WG1 #44 "Some Consideration for LTE Rach 13.2.3.1" Denver, USA; R1-060531; Feb. 13-17, 2006 (4 pages)
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70	3GPP TSG-RAN WG3 #48 bis meeting "On Intra-Access Mobility for LTE_ACTIVE UEs" Cannes, France; R3-051108; Oct. 11-14, 2005 (4 pages)
71	3GPP TSG-RAN WG2 #50 "Intra-System Mobility" Sophia-Antipolis, France; R2-060013; Jan. 9-13, 2006 (7 pages)
72	3GPP TSG RAN WG2 #52 "Mobility in LTE Active" Athens, Greece; Tdoc R2-060915; March 27 - 31, 2006 (4 pages)
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				Attorney Docket Number	7836-5-CON-2
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				Attorney Docket Number	7836-5-CON-2
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				Art Unit	2461
				Examiner Name	HALL, Teisha Danaea
				Attorney Docket Number	7836-5-CON-2
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				Examiner Name	HALL, Teisha Danaea
				Attorney Docket Number	7836-5-CON-2
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120	Communication Under Rule 71(3) EPC for European Patent Application No. 09166620.6, mailed March 8, 2016 (Attorney Ref. No.: 7836-5-PEP)
121	DEFENDANTS' INITIAL INVALIDITY CONTENTIONS; In the United States District Court for the District of Delaware; Civil Action Nos. 1:15-cv-00542-SLR-SRF; 1:15-cv-00543-SLR-SRF; 1:15-cv-00544-SLR-SRF; 1:15-cv-00545-SLR-SRF; 1:15-cv-00546-SLR-SRF; 1:15-cv-00547-SLR-SRF; filed March 14, 2016 (1244 pages)
122	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. APPLIE INC.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00542-SLR-SRF; Includes documents filed from June 25, 2015 - May 13, 2016 Docket Nos., 1-53; (1259 pages)
123	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. HTC CORPORATION ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00543-SLR-SRF; Includes documents filed from June 25, 2015 - May 13, 2016 Docket Nos., 1-54; (1369 pages)
124	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. LENOVO GROUP LTD., ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00544-SLR-SRF; Includes documents filed from June 25, 2015 - May 13, 2016 Docket Nos., 1-48; (993 pages)
125	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. SAMSUNG ELECTRONICS CO. LTD., ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00545-SLR-SRF; Includes documents filed from June 25, 2015 - May 17, 2016 Docket Nos., 1-56; (1202 pages)
126	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. ZTE CORPORATION; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00546-SLR-SRF; Includes documents filed from June 25, 2015 - May 17, 2016 Docket Nos., 1-57; (1203 pages)
127	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. MICROSOFT CORPORATION, ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00547-SLR-SRF; Includes documents filed from June 25, 2015 - May 17, 2016 Docket Nos., 1-57; (1273 pages)

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Electronic Acknowledgement Receipt

EFS ID:	25831760
Application Number:	13801529
International Application Number:	
Confirmation Number:	4046
Title of Invention:	DATA TRANSMISSION METHOD AND USER EQUIPMENT FOR THE SAME
First Named Inventor/Applicant Name:	Sung Jun PARK
Customer Number:	62574
Filer:	Jason Vick/Joanne Vos
Filer Authorized By:	Jason Vick
Attorney Docket Number:	7836-5-CON-2
Receipt Date:	19-MAY-2016
Filing Date:	13-MAR-2013
Time Stamp:	17:34:42
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

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45		IDS_05.pdf	267216 b1d9d46f10f8536e7477d264523a106920564b25	yes	11	
	Multipart Description/PDF files in .zip description					
	Document Description			Start	End	
	Transmittal Letter			1	3	
	Information Disclosure Statement (IDS) Form (SB08)			4	11	

Warnings:**Information:****Total Files Size (in bytes):**

572705209

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Electronic Petition Request	TERMINAL DISCLAIMER TO OBIVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT
Application Number	13801529
Filing Date	13-Mar-2013
First Named Inventor	Sung Jun PARK
Attorney Docket Number	7836-5-CON-2
Title of Invention	DATA TRANSMISSION METHOD AND USER EQUIPMENT FOR THE SAME

- Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action
- This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.

Owner	Percent Interest
EVOLVED WIRELESS LLC	100%

The owner(s) with percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)

7881236

as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:

- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

I certify, in accordance with 37 CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) required for this terminal disclaimer has already been paid in the above-identified application.

Applicant claims the following fee status:

- Small Entity
- Micro Entity
- Regular Undiscounted

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES

I certify, in accordance with 37 CFR 1.4(d)(4) that I am:

- An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application

Registration Number 45285
- A sole inventor
- A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application
- A joint inventor; all of whom are signing this request

Signature	/Jason H. Vick/
Name	Jason H. Vick

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

Electronic Patent Application Fee Transmittal

Application Number:	13801529			
Filing Date:	13-Mar-2013			
Title of Invention:	DATA TRANSMISSION METHOD AND USER EQUIPMENT FOR THE SAME			
First Named Inventor/Applicant Name:	Sung Jun PARK			
Filer:	Jason Vick/Joanne Vos			
Attorney Docket Number:	7836-5-CON-2			
Filed as Large Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Statutory or Terminal Disclaimer	1814	1	160	160
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				160

Doc Code: DISQ.E.FILE

Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 13801529

Filing Date: 13-Mar-2013

Applicant/Patent under Reexamination: PARK et al.

Electronic Terminal Disclaimer filed on June 28, 2016

APPROVED

This patent is subject to a terminal disclaimer

DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office



NOTICE OF ALLOWANCE AND FEE(S) DUE

62574 7590 07/18/2016
Jason H. Vick
Sheridan Ross, PC
Suite # 1200
1560 Broadway
Denver, CO 80202

Table with 2 columns: EXAMINER (HALL, TEISHA DANEA), ART UNIT (2461), PAPER NUMBER

DATE MAILED: 07/18/2016

Table with 5 columns: APPLICATION NO. (13/801,529), FILING DATE (03/13/2013), FIRST NAMED INVENTOR (Sung Jun PARK), ATTORNEY DOCKET NO. (7836-5-CON-2), CONFIRMATION NO. (4046)

TITLE OF INVENTION: DATA TRANSMISSION METHOD AND USER EQUIPMENT FOR THE SAME

Table with 7 columns: APPLN. TYPE (nonprovisional), ENTITY STATUS (UNDISCOUNTED), ISSUE FEE DUE (\$960), PUBLICATION FEE DUE (\$0), PREV. PAID ISSUE FEE (\$0), TOTAL FEE(S) DUE (\$960), DATE DUE (10/18/2016)

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies. If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above. If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)". For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

62574 7590 07/18/2016
Jason H. Vick
 Sheridan Ross, PC
 Suite # 1200
 1560 Broadway
 Denver, CO 80202

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/801,529	03/13/2013	Sung Jun PARK	7836-5-CON-2	4046

TITLE OF INVENTION: DATA TRANSMISSION METHOD AND USER EQUIPMENT FOR THE SAME

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$960	\$0	\$0	\$960	10/18/2016

EXAMINER	ART UNIT	CLASS-SUBCLASS
HALL, TEISHA DANEA	2461	370-329000

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) The names of up to 3 registered patent attorneys or agents OR, alternatively, _____ 1</p> <p>(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. _____ 2</p> <p>_____ 3</p>
---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

<p>4a. The following fee(s) are submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
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5. **Change in Entity Status** (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

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

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
13/801,529 03/13/2013 Sung Jun PARK 7836-5-CON-2 4046

62574 7590 07/18/2016
Jason H. Vick
Sheridan Ross, PC
Suite # 1200
1560 Broadway
Denver, CO 80202

Table with 2 columns: EXAMINER, ART UNIT, PAPER NUMBER
HALL, TEISHA DANEA
2461

DATE MAILED: 07/18/2016

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. 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 1.14. This collection is estimated to take 12 minutes 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, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. 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.

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 disclosure of these records is required by the Freedom of Information Act.
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 inspection 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.

Notice of Allowability	Application No. 13/801,529	Applicant(s) PARK ET AL.	
	Examiner TEISHA D. HALL	Art Unit 2461	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to RCE filed 05/19/2016.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. The allowed claim(s) is/are 1-26. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) All b) Some *c) None of the:
1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 7. <input type="checkbox"/> Other _____. |
| 4. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. | |

/T. D. H./
Examiner, Art Unit 2461

Art Unit: 2461

The present application is being examined under the pre-AIA first to invent provisions.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance: The prior art of record fails to disclose "transmitting only when there is data stored in the message 3 (Msg3) buffer and when the UL Grant was received on the random access response message, the data stored in the Msg3 buffer to the base station using the UL Grant received on the random access response message". In the prior art the user equipment transmits indiscriminately using an uplink grant is received from the base station. The user equipment of the Applicant's invention "only" transmits data from the Msg3 buffer using an UL Grant received on the Random Access Response.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Claims 1-26 are allowed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TEISHA D. HALL whose telephone number is (571)272-9463.

The examiner can normally be reached on Monday - Friday 10:00AM-6:30PM EST alt. Friday.

Art Unit: 2461

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy D. Vu can be reached on 571-272-3155. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/T. D. H./
Examiner, Art Unit 2461
/HUY D VU/
Supervisory Patent Examiner, Art Unit 2461

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	13/801,529
				Filing Date	March 13, 2013
				First Named Inventor	Sung Jun PARK
				Art Unit	2461
				Examiner Name	HALL, Teisha Danae
Sheet	1	of	8	Attorney Docket Number	7836-5-CON-2

U.S. PATENT DOCUMENTS					
Examiner initials*	Cite No. ¹	Document Number Number-kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	7047009	05-16-2006	Laroia et al.	
	2	7292641	11-06-2007	Suh et al.	
	3	7424067	09-09-2008	Vanderperren et al.	
	4	7426175	09-16-2008	Zhuang et al.	
	5	7433418	10-07-2008	Dogan et al.	
	6	7447504	11-04-2008	Lohr et al.	
	7	7496113	02-24-2009	Cai et al.	
	8	7570618	08-04-2009	Son et al.	
	9	7580400	08-25-2009	Sung et al.	
	10	7590183	09-15-2009	Yonge, III et al.	
	11	7599327	10-06-2009	Zhuang	
	12	7623439	11-24-2009	Webster et al.	
	13	7664076	02-16-2010	Kim et al.	
	14	7675841	03-09-2010	Suh et al.	
	15	7693517	04-06-2010	Etemad et al.	
	16	7701919	04-20-2010	Ah Lee	
	17	7702028	04-20-2010	Zhou et al.	
	18	7961696	06-14-2011	Ma et al.	
	19	7995967	08-09-2011	Li et al.	
	20	8000305	08-16-2011	Tan et al.	
	21	8098745	01-17-2012	Bertrand et al.	
	22	8116195	02-14-2012	Hou et a.	
	23	8121045	02-21-2012	Cai et al.	
	24	8131295	03-06-2012	Wang et al.	
	25	8180058	05-12-2012	Kitazoe	
	26	8448037	05-21-2013	Bergquist et al.	
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				First Named Inventor	Sung Jun PARK
				Art Unit	2461
				Examiner Name	HALL, Teisha Danaea
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UNPUBLISHED U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-kind Code ² (if known)	Filing Date MM-DD-YYYY	Name of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	39	60/759697	01-17-2006	Tan et al.	
	40	60/815246	06-19-2006	Zhang et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ ; Number ⁴ ; Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	43	CN 1437416 A	08-20-2003	HUAWEI TECH CO LTD		(Includes English Translation)
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Examiner Initials*	Cite No. ¹	
	57	3GPP Meeting Registration; Meeting: RAN2#62; Kansas City; May 5, 2008 (6 pages)
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63	3GPP TSG-RAN WG2 "Access Procedure" Shanghai, China; R2-061201; May 8-12, 2006 (3 pages)
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69	3GPP TSG RAN1 #44-bis "Random Access Sequence Design" R1-060884; Athens, Greece, March 24-26, 2006 (7 pages)
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99	CHU, David C. "Polyphase Codes with Good Periodic Correlation Properties" Information Theory IEEE Transaction on, Vol. 18, Issue 4, pp. 531-532, July 1972)
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.D.H/

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109	Joint RAN2-RAN3 #48bis LTE "EUTRAN Handover Procedure for LTE_ACTIVE" Cannes, France; TSGR3(05)1106; Oct. 11-14, 2005 (3 pages)
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112	TSG-RAN Meeting #41 "REL-8 CRs for LTE to TS 36.321 MAC" Kobe, Japan; RP-080690; Sept. 9-12, 2008; (3 pages)
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114	TSG-RAN WG1 Meeting #44 "RACH Preamble Evaluation in E-UTRA Uplink" Denver, USA; R1-060700; Feb. 13-17, 2006 (5 pages)
115	TSG-RAN WG1 Meeting #44bis "Random Access Burst Evaluation in E-UTRA Uplink" Athens, Greece; R1-060792l March 27-31, 2006 (8 pages)
116	TSG-RAN WG1 Meeting #45 "Random Access Design for E-UTRA Uplink" Shanghai, China; R1-061114; May 8-12, 2006 (6 pages)
117	TSG-RAN WG1 Meeting #45 "Random Access Design for E-UTRA Uplink" Shanghai, China; R1-061114; MARKED-UP; May 8-12, 2006 (5 pages)

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118	TSG-RAN WG1 #46 "E-UTRA Scalability of Random Access Preamble with Cyclic Prefix" Tallinn, Estonia; R1-062274; Aug. 28 - Sept. 1, 2006 (8 pages)
119	WU, Yik-Chung et al. "Maximum-Likelihood Symbol Synchronization for IEEE 802.11a WLANs in Unknown Frequency-Selective Fading Channels" IEEE Transactions on Wireless Communications, Vol. 4, No. 6, November 2005 (123 pages)
120	Communication Under Rule 71(3) EPC for European Patent Application No. 09166620.6, mailed March 8, 2016 (Attorney Ref. No.: 7836-5-PEP)
121	DEFENDANTS' INITIAL INVALIDITY CONTENTIONS; In the United States District Court for the District of Delaware; Civil Action Nos. 1:15-cv-00542-SLR-SRF; 1:15-cv-00543-SLR-SRF; 1:15-cv-00544-SLR-SRF; 1:15-cv-00545-SLR-SRF; 1:15-cv-00546-SLR-SRF; 1:15-cv-00547-SLR-SRF; filed March 14, 2016 (1244 pages)
122	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. APPLIE INC.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00542-SLR-SRF; Includes documents filed from June 25, 2015 - May 13, 2016 Docket Nos., 1-53; (1259 pages)
123	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. HTC CORPORATION ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00543-SLR-SRF; Includes documents filed from June 25, 2015 - May 13, 2016 Docket Nos., 1-54; (1369 pages)
124	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. LENOVO GROUP LTD., ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00544-SLR-SRF; Includes documents filed from June 25, 2015 - May 13, 2016 Docket Nos., 1-48; (993 pages)
125	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. SAMSUNG ELECTRONICS CO. LTD., ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00545-SLR-SRF; Includes documents filed from June 25, 2015 - May 17, 2016 Docket Nos., 1-56; (1202 pages)
126	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. ZTE CORPORATION; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00546-SLR-SRF; Includes documents filed from June 25, 2015 - May 17, 2016 Docket Nos., 1-57; (1203 pages)
127	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. MICROSOFT CORPORATION, ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00547-SLR-SRF; Includes documents filed from June 25, 2015 - May 17, 2016 Docket Nos., 1-57; (1273 pages)

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<i>Index of Claims</i> 	Application/Control No. 13801529	Applicant(s)/Patent Under Reexamination PARK ET AL.
	Examiner TEISHA D HALL	Art Unit 2461

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
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CLAIM		DATE							
Final	Original	01/12/2015	10/01/2015	04/04/2016					
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	2	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. HTC CORPORATION ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00543-SLR-SRF; Includes documents filed from May 17, 2016 - July 11, 2016 - Docket Nos., 55-69; (4,029 pages)
	3	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. LENOVO GROUP LTD., ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00544-SLR-SRF; Includes documents filed from May 17, 2016 - July 11, 2016; Docket Nos., 49-61; (4,026 pages)
	4	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. SAMSUNG ELECTRONICS CO. LTD., ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00545-SLR-SRF; Includes documents filed from May 26, 2016 - July 11, 2016; Docket Nos., 57-77; (4,713 pages)
	5	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. ZTE CORPORATION; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00546-SLR-SRF; Includes documents filed from June 1, 2016 - July 11, 2016; Docket Nos., 58-70; (4,001 pages)

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				Attorney Docket Number	7836-5-CON-2
Sheet	2	of	2		

6	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. MICROSOFT CORPORATION, ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00547-SLR-SRF; Includes documents filed from May 18, 2016 - July 11, 2016 - Docket Nos., 58-69; (3.996 pages)
7	Petition for <i>Inter Partes</i> Review of U.S. Patent No. 7,881,236, including Exhibits 1001 - 1046, Case No. IPR2016-00757 , filed May 31, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (2,497 pages)
8	Notice of Filing Date Accorded to Petition and Time for Filing Patent Owner Preliminary Response for <i>ZTE (USA) INC., et al. v. Evolved Wireless LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-00757 filed June 2, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (5 pages)
9	Patent Owner's Mandatory Disclosures for <i>ZTE (USA) INC., et al. v. Evolved Wireless LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-00757 filed June 14, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (9 pages)
10	Petition for <i>Inter Partes</i> Review of U.S. Patent No. 7,881,236, including Exhibits 1001 - 1021, Case No. IPR2016-01228 , filed June 20, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (742 pages)
11	Notice of Filing Date Accorded to Petition and Time for Filing Patent Owner Preliminary Response for <i>APPLE INC. v. EVOLVED WIRELESS LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-01228 filed June 28, 2016, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (5 pages)
12	Patent Owner's Mandatory Disclosures for <i>APPLE INC. v. EVOLVED WIRELESS LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-01228 filed July 11, 2016, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (9 pages)
13	Petition for <i>Inter Partes</i> Review of U.S. Patent No. 7,881,236, including Exhibits 1001 - 1021, Case No. IPR2016-01229 , filed June 20, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (741 pages)
14	Notice of Filing Date Accorded to Petition and Time for Filing Patent Owner Preliminary Response for <i>APPLE INC. v. EVOLVED WIRELESS LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-01229 filed June 28, 2016, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (5 pages)
15	Patent Owner's Mandatory Disclosures for <i>APPLE INC. v. EVOLVED WIRELESS LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-01229 filed July 11, 2016, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (9 pages)
16	Petition for <i>Inter Partes</i> Review of U.S. Patent No. 7,881,236, including Exhibits 1001 - 1047, Case No. IPR2016-01345 , filed July 1, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (2,570 pages)

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference is considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:	)	Group Art Unit: 2461
Sung Jun PARK	)	Confirmation No.: 4046
Serial No.: 13/801,529	)	Examiner: HALL, Teisha Danae
Filed: March 13, 2013)	
Atty File No.: 7836-5-CON-2)	
Entitled: "DATA TRANSMISSION METHOD AND USER EQUIPMENT FOR THE SAME"	)	<u>SUPPLEMENTAL</u> <u>INFORMATION DISCLOSURE</u> <u>STATEMENT</u>
	)	Electronically Submitted

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

Dear Madam:

The references cited on attached Form PTO-1449 are being called to the attention of the Examiner.

- Copies of the cited non-patent and/or foreign references are enclosed herewith.
- Copies of the cited U.S. patents and/or patent applications are enclosed herewith.
- Copies of the cited U.S. patents/unpublished patent applications/patent application publications are not enclosed in accordance with 37 C.F.R. § 1.98(a).
- Copies of the cited references are not enclosed, in accordance with 37 C.F.R. § 1.98(d), because the references were cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial No. _____ filed _____, which is relied upon for an earlier filing date under 35 U.S.C. § 120.
- To the best of applicants' belief, the pertinence of the foreign-language references are believed to be summarized in the attached English translation/abstracts and/or in the figures, although applicants do not necessarily vouch for the accuracy of the translation.
- Examiner's attention is drawn to the following related applications:
 - Serial No. _____ filed _____ (Attorney Ref. No. _____)
- Other: _____

Submission of the above information is not intended as an admission that any item is citable under the statutes or rules to support a rejection, that any item disclosed represents

analogous art, or that those skilled in the art would refer to or recognize the pertinence of any reference without the benefit of hindsight, nor should an inference be drawn as to the pertinence of the references based on the order in which they are presented. Submission of this statement should not be taken as an indication that a search has been conducted, or that no better art exists.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application and the references made of record therein.

FEES

<input type="checkbox"/>	<p>37 CFR 1.97(b): No fee is believed due in connection with this submission, because the information disclosure statement submitted herewith is satisfied by one of the following conditions ("X" indicates satisfaction):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d), or <input type="checkbox"/> Within three months of the date of entry into the national stage of an international application as set forth in 37 CFR 1.491 or <input type="checkbox"/> Before the mailing date of a first Office Action on the merits, or <input type="checkbox"/> Before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114. <p>Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970.</p>
<input type="checkbox"/>	<p>37 CFR 1.97(c): The information disclosure statement transmitted herewith is being filed after all the above conditions (37 CFR 1.97(b)), but before the mailing date of one of the following conditions:</p> <ul style="list-style-type: none"> (1) a final action under 37 C.F.R. 1.113 or (2) a notice of allowance under 37 C.F.R. 1.311, or (3) an action that otherwise closes prosecution in the application. <p>This Information Disclosure Statement is accompanied by:</p> <ul style="list-style-type: none"> <input type="checkbox"/> A Certification (below) as specified by 37 C.F.R. 1.97(e). Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> <input type="checkbox"/> Please charge Deposit Account 19-1970 in the amount of \$180.00 for the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement. Please credit any overpayment or charge any underpayment to Deposit Account 19-1970.
<input checked="" type="checkbox"/>	<p>37 CFR 1.97(d): This Information Disclosure Statement is being submitted after the period specified in 37 CFR 1.97(c).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> This information Disclosure Statement includes a Certification (below) as specified by 37 C.F.R. 1.97(e) <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Applicants hereby requests consideration of the reference(s) disclosed herein. Please charge Deposit Account 19-1970 in the amount of \$180.00 under 37 C.F.R. 1.17(p). Please credit any overpayment or charge any underpayment to Deposit Account 19-1970. Election to pay the fee should not be taken as an indication that applicant(s) cannot execute a certification.

Certification (37 C.F.R. 1.97(e))

(Applicable only if checked)

The undersigned certifies that:

Each item of information *contained* in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(1).

A copy of the communication from the foreign patent office is enclosed.

OR

No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(2).

Respectfully submitted,

SHERIDAN ROSS P.C.

Date: August 19, 2016

By: /Jason H. Vick/

Jason H. Vick
Reg. No. 45,285
1560 Broadway, Suite 1200
Denver, Colorado 80202
Telephone: 303-863-9700

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	13/801,529
				Filing Date	March 13, 2013
				First Named Inventor	Sung Jun PARK
				Art Unit	2461
				Examiner Name	HALL, TEISHA DANEA
				Attorney Docket Number	7836-5-CON-2
Sheet	1	of	2		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ ; Number ⁴ ; Kind Code ^{5 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
Examiner Initials*	Cite No. ¹	
	1	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. APPLIE INC.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00542-SLR-SRF; Includes documents filed from July 15, 2016 - August 19, 2016 - Docket Nos., 68-76; (308 pages)
	2	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. HTC CORPORATION ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00543-SLR-SRF; Includes documents filed from July 15, 2016 - August 19, 2016 - Docket Nos., 70-81; (336 pages)
	3	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. LENOVO GROUP LTD., ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00544-SLR-SRF; Includes documents filed from July 15, 2016 - August 19, 2016; Docket Nos., 62-71; (310 pages)
	4	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. SAMSUNG ELECTRONICS CO. LTD., ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00545-SLR-SRF; Includes documents filed from July 15, 2016 - August 19, 2016; Docket Nos., 78-91; (354 pages)
	5	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. ZTE CORPORATION; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00546-SLR-SRF; Includes documents filed from July 15, 2016 - August 19, 2016; Docket Nos., 71-79; (308 pages)

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference is considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	13/801,529
				Filing Date	March 13, 2013
				First Named Inventor	Sung Jun PARK
				Art Unit	2461
				Examiner Name	HALL, TEISHA DANEA
Sheet	2	of	2	Attorney Docket Number	7836-5-CON-2

	6	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. MICROSOFT CORPORATION, ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00547-SLR-SRF; Includes documents filed from July 15-2016 - August 19, 2016 - Docket Nos., 70-78; (305 pages)
	7	Patent Owner's Mandatory Disclosures for <i>SAMSUNG ELECTRONICS CO., LTD., et al. v. EVOLVED WIRELESS LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-01345 filed July 22, 2016, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (9 pages)
	8	Notice of Filing Date Accorded to Petition and Time for Filing Patent Owner Preliminary Response for <i>SAMSUNG ELECTRONICS CO., LTD., et al. v. EVOLVED WIRELESS LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-01345 filed July 28, 2016, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (4 pages)

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference is considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant.

EXHIBIT A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of:

Sung Jun PARK et al.

Application No.: Continuation Application

Confirmation No.: N/A

Filed: Herewith

Art Unit: Not Yet Assigned

For: DATA TRANSMISSION METHOD AND
USER EQUIPMENT FOR THE SAME

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

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

Dear Commissioner:

Applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the attached PTO/SB/08.

II. COPIES

a. Copies of foreign patent documents, non-patent literature and other information are provided.

b. REFERENCES PREVIOUSLY CITED OR SUBMITTED: Copies of any information not provided can be found in one or more of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Application No. and U.S. Filing Date

12/972,366 filed December 17, 2010

III. CONCISE EXPLANATION OF THE RELEVANCE/OTHER INFORMATION

a. NON-ENGLISH LANGUAGE DOCUMENTS: A concise explanation of the relevance of all non-English language patents, publications, or other information listed is as follows:

b. ENGLISH LANGUAGE SEARCH REPORT OR FOREIGN PATENT OFFICE COMMUNICATION: An English language version of the search report or Foreign Patent Office communication that indicates the degree of relevance is attached.

c. OTHER: The following additional information is provided.

IV. STATEMENT UNDER 37 C.F.R. § 1.97(e)

The undersigned hereby states that:

a. Each item of information contained in the IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than 30 days prior to the filing of this IDS. This statement does not relate to English language counterparts not listed in a communication from the foreign patent office. Such English language counterparts are provided to aid the Examiner's consideration of non-English items first cited in the communication from the foreign patent office; or

b. Each item of information contained in the IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. This statement does not relate to English language

counterparts not listed in a communication from the foreign patent office. Such English language counterparts are provided to aid the Examiner's consideration of non-English items first cited in the communication from the foreign patent office; or

c. No item of information contained in the IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS; or

d. Some of the items of information in the IDS were cited in a communication from a foreign patent office. Such items were first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. This statement does not relate to English language counterparts not listed in a communication from the foreign patent office. Such English language counterparts are provided to aid the Examiner's consideration of non-English items first cited in the communication from the foreign patent office. As to the remaining items of information, to the knowledge of the person signing the certification after making reasonable inquiry, such remaining items were not known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

V. STATEMENT UNDER 37 C.F.R. § 1.704(d)(1)

Patent Term Adjustment Reduction Should Not Apply

The undersigned hereby states:

This Information Disclosure Statement is in compliance with 37 C.F.R. §§ 1.97 and 1.98 and will not be considered a failure to engage in reasonable efforts to conclude prosecution (processing or examination) of the present application under 37 C.F.R. § 1.704(c)(6), (c)(8), (c)(9), or (c)(10), because each item of information contained in the Information Disclosure Statement:

- (i) Was first cited in any communication from a patent office in a counterpart foreign or international application or from the Office, and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the information disclosure statement; or
- (ii) Is a communication that was issued by a patent office in a counterpart foreign or international application or by the Office, and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the information disclosure statement.

VI. FEES

- a. **This Information Disclosure Statement is being filed concurrently with the filing of a new patent application or Request for Continued Examination. No fee is required.**
- b. This Information Disclosure Statement is being filed within three months of the filing date of an application. No fee is required.
- c. This Information Disclosure Statement is being filed before the mailing date of a first Action on the merits. No fee is required. If a first Office Action on the merits has issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the statement under 37 C.F.R. § 1.97(e) above. If no statement has been made, charge our deposit account for the required fee.
- d. This Information Disclosure Statement is being filed before the mailing date of a Final Office Action or before the mailing date of a Notice of Allowance or before an action that otherwise closes prosecution in the application (see 37 C.F.R. § 1.97(c)(1)).
- No statement. The fee as required by 37 C.F.R. § 1.17(p) is provided.
- or
- See the above statement. No fee is required.

e. This Information Disclosure Statement is being filed after the mailing date of a Final Office Action or after the mailing date of a Notice of Allowance or after an action that otherwise closes prosecution in the application (see 37 C.F.R. § 1.97(d)), see the statement above. The fee as required by 37 C.F.R. § 1.17(p) is provided.

VII. PAYMENT OF FEES

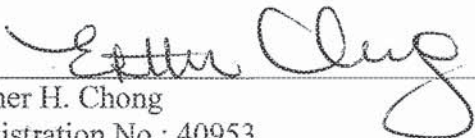
- The required fee is listed on the attached Fee Transmittal.
- No fee is required.**

If the Examiner has any questions concerning this IDS, please contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the USPTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

MAR 13 2013

Dated: _____

Respectfully submitted,

By 
 Esther H. Chong
 Registration No.: 40953
 BIRCH, STEWART, KOLASCH & BIRCH, LLP
 8110 Gatehouse Road, Suite 100 East
 P.O. Box 747
 Falls Church, VA 22040-0747
 703-205-8000

Attachment(s):

- PTO/SB/08
- Document(s)
- Foreign Patent Office Communication(s)
- Foreign Search Report(s)
- Fee
- Other:

Under the Paperwork reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
Application Number		Continuation			
Filing Date					
First Named Inventor		Sung Jun Park			
Art Unit		Not Yet Assigned			
Examiner Name		Not Yet Assigned			
Attorney Docket Number		0465-2287PUS3			
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initial *	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
	1	US-2007/0042784-A1		02-22-2007	Anderson	
	2	US-2007/0115871-A1		05-24-2007	Zhang et al.	
	3	US-2010/0034162 - A1		02-11-2010	Ou et al	
	4	US-2010/0037113 - A1		02-11-2010	Maheshwari et al	
	5	US-2011/0176513 - A1		07-21-2011	Yi et al.	
	6	US-7,660,279 - B2		02-09-2010	Brueck et al	

FOREIGN PATENT DOCUMENTS							
Examiner Initial *	Cite No. 1	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country ³ Code	Number ⁴ Kind Code (if known) ⁵				
	7	KR	10-2007-0055004-A	05-30-2007			<input type="checkbox"/>
	8	KR	10-2007-0107619 - A	11-07-2007			<input type="checkbox"/>
	9	KR	10-2008-0030941 - A	04-07-2008			<input type="checkbox"/>
	10	WO	2008/023932-A1	02-28-2008			<input type="checkbox"/>
	11	JP	2008-103862 - A	05-01-2008			<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1. Applicant's unique citation design number (optional) 2 See Kinds Codes of USPTO patent Documents. at www.uspto.gov or MPEP 901.04. 3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. 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 1.14. This collection is estimated to take 2 hours 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, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786.9199) and select option 2.

Under the Paperwork reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	Continuation
				Filing Date	
				First Named Inventor	Sung Jun Park
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	0465-2287PUS3

NON PATENT LITERATURE DOCUMENTS			
Examiner initial *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
	12	3GPP Draft, 3rd Generation Partnership Project (3GPP), "Enforcing New Transmission After Flushing HARQ Process", 3GPP TSG-RAN 2 Meeting #65, pp. 1-6, February 9-13, 2009, XP-050323002.	<input type="checkbox"/>
	13	3GPP TS 36.321 V8.2.0., "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA) Medium Access Control (MAC) protocol specification (Release 8), pgs. 1-33, May 2008, XP-002555898.	<input type="checkbox"/>
	14	LG Electronics, "Corrections to the Random Access Response Reception"; 3GPP TSG-RAN WG2 #62, May 5-9, 2008; pp. 3, Paragraph 5.1.4, XP-050140134.	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
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			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	Date Considered
-----------------------	--------------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1. Applicant's unique citation designation number. (optional) 2. Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. 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 1.14. This collection is estimated to take 2 hours 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, P.O. Box 1450 Alexandria, VA 22313-1450 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Acknowledgement Receipt

EFS ID:	15212906
Application Number:	13801529
International Application Number:	
Confirmation Number:	4046
Title of Invention:	DATA TRANSMISSION METHOD AND USER EQUIPMENT FOR THE SAME
First Named Inventor/Applicant Name:	Sung Jun PARK
Customer Number:	2292
Filer:	Esther Hyeri Chong/ROLONDA LEE
Filer Authorized By:	Esther Hyeri Chong
Attorney Docket Number:	0465-2287PUS3
Receipt Date:	13-MAR-2013
Filing Date:	
Time Stamp:	18:30:33
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1260
RAM confirmation Number	14901
Deposit Account	022448
Authorized User	CHONG, ESTER H.

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Exhibit 2008-219

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		0465-2287PUS3CONTAPPL.pdf	2655756 <small>bb886c102f04f7a34dad23e92183de5dae081e45</small>	yes	63
Multipart Description/PDF files in .zip description					
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	Transmittal of New Application		1		1
	Miscellaneous Incoming Letter		2		2
	Transmittal Letter		3		7
	Information Disclosure Statement (IDS) Form (SB08)		8		9
	Specification		10		42
	Claims		43		45
	Abstract		46		46
	Drawings-only black and white line drawings		47		57
	Oath or Declaration filed		58		61
	Miscellaneous Incoming Letter		62		62
	Power of Attorney		63		63
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Information:					
2	Application Data Sheet	0465-2287PUS3ADS.pdf	1002706 <small>0c805612870f9830e113f570201558072b46b499</small>	no	7
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3	Fee Worksheet (SB06)	fee-info.pdf	33175 <small>18669d81b1bd31ed759c6595f2ef9e0e67ea53dfc5</small>	no	2
Warnings:					
Information:					

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

EXHIBIT B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:	)	Group Art Unit: 2461
Sung Jun PARK	)	Confirmation No.: 4046
Serial No.: 13/801,529	)	Examiner: HALL, Teisha Danae
Filed: March 13, 2013)	
Atty File No.: 7836-5-CON-2)	
Entitled: "DATA TRANSMISSION METHOD AND USER EQUIPMENT FOR THE SAME"	)	<u>SUPPLEMENTAL</u> <u>INFORMATION DISCLOSURE</u> <u>STATEMENT</u>
	)	Electronically Submitted

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

Dear Madam:

The references cited on attached Form PTO-1449 are being called to the attention of the Examiner.

- Copies of the cited non-patent and/or foreign references are enclosed herewith.
- Copies of the cited U.S. patents and/or patent applications are enclosed herewith.
- Copies of the cited U.S. patents/unpublished patent applications/patent application publications are not enclosed in accordance with 37 C.F.R. § 1.98(a).
- Copies of the cited references are not enclosed, in accordance with 37 C.F.R. § 1.98(d), because the references were cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial No. _____ filed _____, which is relied upon for an earlier filing date under 35 U.S.C. § 120.
- To the best of applicants' belief, the pertinence of the foreign-language references are believed to be summarized in the attached English translation/abstracts and/or in the figures, although applicants do not necessarily vouch for the accuracy of the translation.
- Examiner's attention is drawn to the following related applications:
 - Serial No. _____ filed _____ (Attorney Ref. No. _____)
- Other: _____

Submission of the above information is not intended as an admission that any item is citable under the statutes or rules to support a rejection, that any item disclosed represents

analogous art, or that those skilled in the art would refer to or recognize the pertinence of any reference without the benefit of hindsight, nor should an inference be drawn as to the pertinence of the references based on the order in which they are presented. Submission of this statement should not be taken as an indication that a search has been conducted, or that no better art exists.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application and the references made of record therein.

FEES

<input type="checkbox"/>	<p>37 CFR 1.97(b): No fee is believed due in connection with this submission, because the information disclosure statement submitted herewith is satisfied by one of the following conditions ("X" indicates satisfaction):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d), or <input type="checkbox"/> Within three months of the date of entry into the national stage of an international application as set forth in 37 CFR 1.491 or <input type="checkbox"/> Before the mailing date of a first Office Action on the merits, or <input type="checkbox"/> Before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114. <p>Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970.</p>
<input type="checkbox"/>	<p>37 CFR 1.97(c): The information disclosure statement transmitted herewith is being filed after all the above conditions (37 CFR 1.97(b)), but before the mailing date of one of the following conditions:</p> <ul style="list-style-type: none"> (1) a final action under 37 C.F.R. 1.113 or (2) a notice of allowance under 37 C.F.R. 1.311, or (3) an action that otherwise closes prosecution in the application. <p>This Information Disclosure Statement is accompanied by:</p> <ul style="list-style-type: none"> <input type="checkbox"/> A Certification (below) as specified by 37 C.F.R. 1.97(e). Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> <input type="checkbox"/> Please charge Deposit Account 19-1970 in the amount of \$180.00 for the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement. Please credit any overpayment or charge any underpayment to Deposit Account 19-1970.
<input checked="" type="checkbox"/>	<p>37 CFR 1.97(d): This Information Disclosure Statement is being submitted after the period specified in 37 CFR 1.97(c).</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> This information Disclosure Statement includes a Certification (below) as specified by 37 C.F.R. 1.97(e) <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Applicants hereby requests consideration of the reference(s) disclosed herein. Please charge Deposit Account 19-1970 in the amount of \$180.00 under 37 C.F.R. 1.17(p). Please credit any overpayment or charge any underpayment to Deposit Account 19-1970. Election to pay the fee should not be taken as an indication that applicant(s) cannot execute a certification.

Certification (37 C.F.R. 1.97(e))

(Applicable only if checked)

The undersigned certifies that:

Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(1).

A copy of the communication from the foreign patent office is enclosed.

OR

No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(2).

Respectfully submitted,

SHERIDAN ROSS P.C.

Date: July 18, 2016

By: /Jason H. Vick/

Jason H. Vick
Reg. No. 45,285
1560 Broadway, Suite 1200
Denver, Colorado 80202
Telephone: 303-863-9700

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	13/801,529
				Filing Date	March 13, 2013
				First Named Inventor	Sung Jun PARK
				Art Unit	2461
				Examiner Name	HALL, TEISHA DANEA
				Attorney Docket Number	7836-5-CON-2
Sheet	1	of	2		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ ; Number ⁴ ; Kind Code ^{5 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
Examiner Initials*	Cite No. ¹	
	1	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. APPLIE INC.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00542-SLR-SRF; Includes documents filed from May 17, 2016 - July 11, 2016 - Docket Nos., 54-67; (4,028 pages)
	2	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. HTC CORPORATION ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00543-SLR-SRF; Includes documents filed from May 17, 2016 - July 11, 2016 - Docket Nos., 55-69; (4,029 pages)
	3	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. LENOVO GROUP LTD., ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00544-SLR-SRF; Includes documents filed from May 17, 2016 - July 11, 2016; Docket Nos., 49-61; (4,026 pages)
	4	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. SAMSUNG ELECTRONICS CO. LTD., ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00545-SLR-SRF; Includes documents filed from May 26, 2016 - July 11, 2016; Docket Nos., 57-77; (4,713 pages)
	5	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. ZTE CORPORATION; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00546-SLR-SRF; Includes documents filed from June 1, 2016 - July 11, 2016; Docket Nos., 58-70; (4,001 pages)

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference is considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	13/801,529
				Filing Date	March 13, 2013
				First Named Inventor	Sung Jun PARK
				Art Unit	2461
				Examiner Name	HALL, TEISHA DANEA
Sheet	2	of	2	Attorney Docket Number	7836-5-CON-2

6	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. MICROSOFT CORPORATION, ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00547-SLR-SRF; Includes documents filed from May 18, 2016 - July 11, 2016 - Docket Nos., 58-69; (3,996 pages)
7	Petition for <i>Inter Partes</i> Review of U.S. Patent No. 7,881,236, including Exhibits 1001 - 1046, Case No. IPR2016-00757 , filed May 31, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (2,497 pages)
8	Notice of Filing Date Accorded to Petition and Time for Filing Patent Owner Preliminary Response for <i>ZTE (USA) INC., et al. v. Evolved Wireless LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-00757 filed June 2, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (5 pages)
9	Patent Owner's Mandatory Disclosures for <i>ZTE (USA) INC., et al. v. Evolved Wireless LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-00757 filed June 14, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (9 pages)
10	Petition for <i>Inter Partes</i> Review of U.S. Patent No. 7,881,236, including Exhibits 1001 - 1021, Case No. IPR2016-01228 , filed June 20, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (742 pages)
11	Notice of Filing Date Accorded to Petition and Time for Filing Patent Owner Preliminary Response for <i>APPLE INC. v. EVOLVED WIRELESS LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-01228 filed June 28, 2016, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (5 pages)
12	Patent Owner's Mandatory Disclosures for <i>APPLE INC. v. EVOLVED WIRELESS LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-01228 filed July 11, 2016, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (9 pages)
13	Petition for <i>Inter Partes</i> Review of U.S. Patent No. 7,881,236, including Exhibits 1001 - 1021, Case No. IPR2016-01229 , filed June 20, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (741 pages)
14	Notice of Filing Date Accorded to Petition and Time for Filing Patent Owner Preliminary Response for <i>APPLE INC. v. EVOLVED WIRELESS LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-01229 filed June 28, 2016, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (5 pages)
15	Patent Owner's Mandatory Disclosures for <i>APPLE INC. v. EVOLVED WIRELESS LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-01229 filed July 11, 2016, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (9 pages)
16	Petition for <i>Inter Partes</i> Review of U.S. Patent No. 7,881,236, including Exhibits 1001 - 1047, Case No. IPR2016-01345 , filed July 1, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (2,570 pages)

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference is considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant.

Electronic Acknowledgement Receipt

EFS ID:	26378800
Application Number:	13801529
International Application Number:	
Confirmation Number:	4046
Title of Invention:	DATA TRANSMISSION METHOD AND USER EQUIPMENT FOR THE SAME
First Named Inventor/Applicant Name:	Sung Jun PARK
Customer Number:	62574
Filer:	Jason Vick/Joanne Vos
Filer Authorized By:	Jason Vick
Attorney Docket Number:	7836-5-CON-2
Receipt Date:	18-JUL-2016
Filing Date:	13-MAR-2013
Time Stamp:	16:35:39
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$180
RAM confirmation Number	071916INTEFSW00003505191970
Deposit Account	191970
Authorized User	Joanne Vos

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

Exhibit 2008-228

37 CFR 1.19 (Document supply fees)

37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Electronic Acknowledgement Receipt

EFS ID:	26380400
Application Number:	13801529
International Application Number:	
Confirmation Number:	4046
Title of Invention:	DATA TRANSMISSION METHOD AND USER EQUIPMENT FOR THE SAME
First Named Inventor/Applicant Name:	Sung Jun PARK
Customer Number:	62574
Filer:	Jason Vick/Joanne Vos
Filer Authorized By:	Jason Vick
Attorney Docket Number:	7836-5-CON-2
Receipt Date:	18-JUL-2016
Filing Date:	13-MAR-2013
Time Stamp:	17:02:52
Application Type:	Utility under 35 USC 111(a)

Payment information:

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Electronic Acknowledgement Receipt

EFS ID:	26380815
Application Number:	13801529
International Application Number:	
Confirmation Number:	4046
Title of Invention:	DATA TRANSMISSION METHOD AND USER EQUIPMENT FOR THE SAME
First Named Inventor/Applicant Name:	Sung Jun PARK
Customer Number:	62574
Filer:	Jason Vick/Joanne Vos
Filer Authorized By:	Jason Vick
Attorney Docket Number:	7836-5-CON-2
Receipt Date:	18-JUL-2016
Filing Date:	13-MAR-2013
Time Stamp:	17:20:51
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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Warnings:					
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Warnings:					
Information:					
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New Applications Under 35 U.S.C. 111


If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office


If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Issue Classification 	Application/Control No. 13801529	Applicant(s)/Patent Under Reexamination PARK ET AL.
	Examiner TEISHA D HALL	Art Unit 2461

CPC						
Symbol					Type	Version
H04W		72		0406	F	2013-01-01
H04W		74		08	I	2013-01-01
H04W		74		0866	A	2013-01-01


CPC Combination Sets				
Symbol	Type	Set	Ranking	Version

/T.D.H./ Examiner.Art Unit 2461 (Assistant Examiner)	06/29/2016 (Date)	Total Claims Allowed: 26	
/HUY D VU/ Supervisory Patent Examiner.Art Unit 2461 (Primary Examiner)	06/29/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 8

Issue Classification 	Application/Control No. 13801529	Applicant(s)/Patent Under Reexamination PARK ET AL.
	Examiner TEISHA D HALL	Art Unit 2461

US ORIGINAL CLASSIFICATION						INTERNATIONAL CLASSIFICATION								
CLASS		SUBCLASS				CLAIMED				NON-CLAIMED				
370		329				H	0	4	W	72 / 04 (2009.01.01)				
CROSS REFERENCE(S)														
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)													

/T.D.H./ Examiner.Art Unit 2461 (Assistant Examiner)	06/29/2016 (Date)	Total Claims Allowed: 26	
/HUY D VU/ Supervisory Patent Examiner.Art Unit 2461 (Primary Examiner)	06/29/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 8

Issue Classification 	Application/Control No. 13801529	Applicant(s)/Patent Under Reexamination PARK ET AL.
	Examiner TEISHA D HALL	Art Unit 2461

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47									
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/T.D.H./ Examiner.Art Unit 2461 (Assistant Examiner)	06/29/2016 (Date)	Total Claims Allowed: 26	
/HUY D VU/ Supervisory Patent Examiner.Art Unit 2461 (Primary Examiner)	06/29/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 8

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Continuation
				Filing Date	
<i>(Use as many sheets as necessary)</i>				First Named Inventor	Sung Jun Park
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	0465-2287PUS3
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner initial *	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
/T.D.H/	1	US-2007/0042784-A1		02-22-2007	Anderson	
/T.D.H/	2	US-2007/0115871-A1		05-24-2007	Zhang et al.	
/T.D.H/	3	US-2010/0034162 - A1		02-11-2010	Ou et al	
/T.D.H/	4	US-2010/0037113 - A1		02-11-2010	Maheshwari et al	
/T.D.H/	5	US-2011/0176513 - A1		07-21-2011	Yi et al.	
/T.D.H/	6	US-7,660,279 - B2		02-09-2010	Brueck et al	

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Examiner Initial *	Cite No. 1	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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	8	KR	10-2007-0107619 - A	11-07-2007			<input type="checkbox"/>
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							<input type="checkbox"/>

Examiner Signature	/TEISHA D HALL/	Date Considered	09/06/2016
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	Continuation
				Filing Date	
				First Named Inventor	Sung Jun Park
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	0465-2287PUS3

NON PATENT LITERATURE DOCUMENTS			
Examiner initial *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/T.D.H/	12	3GPP Draft, 3rd Generation Partnership Project (3GPP), "Enforcing New Transmission After Flushing HARQ Process", 3GPP TSG-RAN 2 Meeting #65, pp. 1-6, February 9-13, 2009, XP-050323002.	<input type="checkbox"/>
/T.D.H/	13	3GPP TS 36.321 V8.2.0., "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA) Medium Access Control (MAC) protocol specification (Release 8), pgs. 1-33, May 2008, XP-002555898.	<input type="checkbox"/>
/T.D.H/	14	LG Electronics, "Corrections to the Random Access Response Reception"; 3GPP TSG-RAN WG2 #62, May 5-9, 2008; pp. 3, Paragraph 5.1.4, XP-050140134.	<input type="checkbox"/>
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Examiner Signature	/TEISHA D HALL/	Date Considered	09/22/2016
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	Continuation
Sheet 1 of 2				Filing Date	
				First Named Inventor	Sung Jun Park
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	0465-2287PUS3

U.S. PATENT DOCUMENTS						
Examiner initial *	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
/T.D.H/	1	US-2007/0042784-A1		02-22-2007	Anderson	
/T.D.H/	2	US-2007/0115871-A1		05-24-2007	Zhang et al.	
/T.D.H/	3	US-2010/0034162 - A1		02-11-2010	Ou et al	
/T.D.H/	4	US-2010/0037113 - A1		02-11-2010	Maheshwari et al	
/T.D.H/	5	US-2011/0176513 - A1		07-21-2011	Yi et al.	
/T.D.H/	6	US-7,660,279 - B2		02-09-2010	Brueck et al	

FOREIGN PATENT DOCUMENTS							
Examiner Initial *	Cite No. 1	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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	7	KR	10-2007-0055004-A	05-30-2007			<input type="checkbox"/>
	8	KR	10-2007-0107619 - A	11-07-2007			<input type="checkbox"/>
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Examiner Signature	/TEISHA D HALL/	Date Considered	09/06/2016
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Substitute for form 1449B/PTO				Complete if Known			
				Application Number	Continuation		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date			
				<i>(Use as many sheets as necessary)</i>		First Named Inventor	Sung Jun Park
				Art Unit	Not Yet Assigned		
				Examiner Name	Not Yet Assigned		
				Attorney Docket Number	0465-2287PUS3		
Sheet	2	of	2				

NON PATENT LITERATURE DOCUMENTS			
Examiner initial *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/T.D.H/	12	3GPP Draft, 3rd Generation Partnership Project (3GPP), "Enforcing New Transmission After Flushing HARQ Process", 3GPP TSG-RAN 2 Meeting #65, pp. 1-6, February 9-13, 2009, XP-050323002.	<input type="checkbox"/>
/T.D.H/	13	3GPP TS 36.321 V8.2.0., "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA) Medium Access Control (MAC) protocol specification (Release 8), pgs. 1-33, May 2008, XP-002555898.	<input type="checkbox"/>
/T.D.H/	14	LG Electronics, "Corrections to the Random Access Response Reception"; 3GPP TSG-RAN WG2 #62, May 5-9, 2008; pp. 3, Paragraph 5.1.4, XP-050140134.	<input type="checkbox"/>
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Examiner Signature	Date Considered
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1. Applicants unique citation designation number. (optional) 2. Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. 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 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form 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, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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PTO/SB/08a (07-09)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
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		Filing Date			
		First Named Inventor		Sung Jun Park	
		Art Unit		Not Yet Assigned	
		Examiner Name		Not Yet Assigned	
		Attorney Docket Number		0465-2287PUS3	
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner initial *	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
/T.D.H/	1	US-2007/0042784-A1		02-22-2007	Anderson	
/T.D.H/	2	US-2007/0115871-A1		05-24-2007	Zhang et al.	
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/T.D.H/	4	US-2010/0037113 - A1		02-11-2010	Maheshwari et al	
/T.D.H/	5	US-2011/0176513 - A1		07-21-2011	Yi et al.	
/T.D.H/	6	US-7,660,279 - B2		02-09-2010	Brueck et al	

FOREIGN PATENT DOCUMENTS							
Examiner Initial *	Cite No. 1	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country ³ Code	Number ⁴ Kind Code (if known) ⁵				
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Examiner Signature	/TEISHA D HALL/	Date Considered	09/06/2016
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				Application Number	Continuation
Sheet		2	of	2	Filing Date
					First Named Inventor
					Art Unit
					Examiner Name
					Attorney Docket Number

NON PATENT LITERATURE DOCUMENTS			
Examiner initial *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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			<input type="checkbox"/>

Examiner Signature	/TEISHA D HALL/	Date Considered	09/22/2016
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 1. Applicants unique citation designation number. (optional) 2. Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.97 and 1.98. 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 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form 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, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.
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Exhibit 2008-265

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.D.H/

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	13/801,529
				Filing Date	March 13, 2013
				First Named Inventor	Sung Jun PARK
				Art Unit	2461
				Examiner Name	HALL, TEISHA DANEA
Sheet	1	of	2	Attorney Docket Number	7836-5-CON-2

U.S. PATENT DOCUMENTS					
Examiner initials*	Cite No. ¹	Document Number Number-kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner initials*	Cite No. ¹	Foreign Patent Document Country Code ³ ; Number ⁴ ; Kind Code ^{5 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
Examiner initials*	Cite No. ¹	
/T.D.H/	1	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. APPLIE INC.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00542-SLR-SRF; Includes documents filed from July 15, 2016 - August 19, 2016 - Docket Nos., 68-76; (308 pages)
/T.D.H/	2	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. HTC CORPORATION ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00543-SLR-SRF; Includes documents filed from July 15, 2016 - August 19, 2016 - Docket Nos., 70-81; (336 pages)
/T.D.H/	3	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. LENOVO GROUP LTD., ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00544-SLR-SRF; Includes documents filed from July 15, 2016 - August 19, 2016; Docket Nos., 62-71; (310 pages)
/T.D.H/	4	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. SAMSUNG ELECTRONICS CO. LTD., ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00545-SLR-SRF; Includes documents filed from July 15, 2016 - August 19, 2016; Docket Nos., 78-91; (354 pages)
/T.D.H/	5	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. ZTE CORPORATION; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00546-SLR-SRF; Includes documents filed from July 15, 2016 - August 19, 2016; Docket Nos., 71-79; (308 pages)

Examiner Signature	/TEISHA D HALL/	Date Considered	09/29/2016
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Exhibit 2008-266

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.D.H/

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	13/801,529
				Filing Date	March 13, 2013
				First Named Inventor	Sung Jun PARK
				Art Unit	2461
				Examiner Name	HALL, TEISHA DANEA
Sheet	2	of	2	Attorney Docket Number	7836-5-CON-2

/T.D.H./	6	Documents filed with U.S. District Court Proceedings for EVOLVED WIRELESS, LLC v. MICROSOFT CORPORATION, ET AL.; U.S. District Court, for the District of Delaware (Wilmington); Civil Action No. 1:15-cv-00547-SLR-SRF; Includes documents filed from July 15-2016 - August 19, 2016 - Docket Nos., 70-78; (305 pages)
/T.D.H./	7	Patent Owner's Mandatory Disclosures for <i>SAMSUNG ELECTRONICS CO., LTD., et al. v. EVOLVED WIRELESS LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-01345 filed July 22, 2016, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (9 pages)
/T.D.H./	8	Notice of Filing Date Accorded to Petition and Time for Filing Patent Owner Preliminary Response for <i>SAMSUNG ELECTRONICS CO., LTD., et al. v. EVOLVED WIRELESS LLC</i> , United States Patent and Trademark Office - Before the Patent Trial and Appeal Board, Case No.: IPR 2016-01345 filed July 28, 2016, 2016 (Attorney's Ref. No.: 7836-5-IPRs) (4 pages)

Examiner Signature	/TEISHA D HALL/	Date Considered	09/26/2016
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Exhibit 2008-267

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.D.H./

PTO/SB/08b (07-09)
 Approved for use through 07/31/2012. OMB 0651-0031
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	Continuation
				Filing Date	
				First Named Inventor	Sung Jun Park
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	0465-2287PUS3

NON PATENT LITERATURE DOCUMENTS			
Examiner initial *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/T.D.H/	12	3GPP Draft, 3rd Generation Partnership Project (3GPP), "Enforcing New Transmission After Flushing HARQ Process", 3GPP TSG-RAN 2 Meeting #65, pp. 1-6, February 9-13, 2009, XP-050323002.	<input type="checkbox"/>
/T.D.H/	13	3GPP TS 36.321 V8.2.0., "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA) Medium Access Control (MAC) protocol specification (Release 8), pgs. 1-33, May 2008, XP-002555898.	<input type="checkbox"/>
/T.D.H/	14	LG Electronics, "Corrections to the Random Access Response Reception"; 3GPP TSG-RAN WG2 #62, May 5-9, 2008; pp. 3, Paragraph 5.1.4, XP-050140134.	<input type="checkbox"/>
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			<input type="checkbox"/>


Examiner Signature	/TEISHA D HALL/	Date Considered	09/22/2016
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Exhibit 2008-269


ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.D.H/

Issue Classification 	Application/Control No. 13801529	Applicant(s)/Patent Under Reexamination PARK ET AL.
	Examiner TEISHA D HALL	Art Unit 2461

CPC						
Symbol					Type	Version
H04W		72		0406	F	2013-01-01
H04W		74		08	I	2013-01-01
H04W		74		0866	A	2013-01-01


CPC Combination Sets				
Symbol	Type	Set	Ranking	Version

/T.D.H./ Examiner, Art Unit 2461 (Assistant Examiner)	06/29/2016 (Date)	Total Claims Allowed: 26	
/HUY D VU/ Supervisory Patent Examiner, Art Unit 2461 (Primary Examiner)	06/29/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 8

Issue Classification 	Application/Control No. 13801529	Applicant(s)/Patent Under Reexamination PARK ET AL.
	Examiner TEISHA D HALL	Art Unit 2461

US ORIGINAL CLASSIFICATION						INTERNATIONAL CLASSIFICATION											
CLASS			SUBCLASS			CLAIMED				NON-CLAIMED							
370			329			H	0	4	W	72 / 04 (2009.01.01)							
CROSS REFERENCE(S)																	
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																

/T.D.H./ Examiner.Art Unit 2461 (Assistant Examiner)	06/29/2016 (Date)	Total Claims Allowed: 26	
/HUY D VU/ Supervisory Patent Examiner.Art Unit 2461 (Primary Examiner)	06/29/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 8

Issue Classification 	Application/Control No. 13801529	Applicant(s)/Patent Under Reexamination PARK ET AL.
	Examiner TEISHA D HALL	Art Unit 2461

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47									
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	17	17												
2	2	18	18												
3	3	19	19												
4	4	20	20												
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10	10	26	26												
11	11														
12	12														
13	13														
14	14														
15	15														
16	16														

/T.D.H./ Examiner.Art Unit 2461 (Assistant Examiner)	06/29/2016 (Date)	Total Claims Allowed: 26	
/HUY D VU/ Supervisory Patent Examiner.Art Unit 2461 (Primary Examiner)	06/29/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 8

PTO/SB/08b (07-09)
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	Continuation
				Filing Date	
				First Named Inventor	Sung Jun Park
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	0465-2287PUS3

NON PATENT LITERATURE DOCUMENTS			
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/T.D.H/	12	3GPP Draft, 3rd Generation Partnership Project (3GPP), "Enforcing New Transmission After Flushing HARQ Process", 3GPP TSG-RAN 2 Meeting #65, pp. 1-6, February 9-13, 2009, XP-050323002.	<input type="checkbox"/>
/T.D.H/	13	3GPP TS 36.321 V8.2.0., "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA) Medium Access Control (MAC) protocol specification (Release 8), pgs. 1-33, May 2008, XP-002555898.	<input type="checkbox"/>
/T.D.H/	14	LG Electronics, "Corrections to the Random Access Response Reception"; 3GPP TSG-RAN WG2 #62, May 5-9, 2008; pp. 3, Paragraph 5.1.4, XP-050140134.	<input type="checkbox"/>
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			<input type="checkbox"/>

Examiner Signature	/TEISHA D HALL/	Date Considered	09/22/2016
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/801,529	03/13/2013	Sung Jun PARK	7836-5-CON-2	4046
62574	7590	11/21/2016	EXAMINER	
Jason H. Vick Sheridan Ross, PC Suite # 1200 1560 Broadway Denver, CO 80202			HALL, TEISHA DANEA	
			ART UNIT	PAPER NUMBER
			2461	
			NOTIFICATION DATE	DELIVERY MODE
			11/21/2016	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):

jvick@sheridanross.com

Response to Rule 312 Communication	Application No.	Applicant(s)
	13/801,529	
	Examiner	Art Unit

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

1. The amendment filed on 19 August 2016 under 37 CFR 1.312 has been considered, and has been:
- a) entered.
 - b) entered as directed to matters of form not affecting the scope of the invention.
 - c) disapproved because the amendment was filed after the payment of the issue fee.
Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.
 - d) disapproved. See explanation below.
 - e) entered in part. See explanation below.

/ A. Marty Willis /

A. Marty Willis
Publishing Division
Office of Data Management



APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/801,529	12/27/2016	9532336	7836-5-CON-2	4046

62574 7590 12/07/2016
Jason H. Vick
Sheridan Ross, PC
Suite # 1200
1560 Broadway
Denver, CO 80202

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 274 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

EVOLVED WIRELESS LLC, Austin, TX;
Sung Jun PARK, Anyang-si, KOREA, REPUBLIC OF;
Seung June YI, Anyang-si, KOREA, REPUBLIC OF;
Young Dae LEE, Anyang-si, KOREA, REPUBLIC OF;
Sung Duck CHUN, Anyang-si, KOREA, REPUBLIC OF;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.