## EXHIBIT E

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)				
Invention	METHOD AND APPARATUS USING CELL-SPECIFIC AND COMMON PILOT SUBCARRIERS IN MULTI-CARRIER, MULTI-CELL WIRELESS COMMUNICATION NETWORKS			
As the below named inventor, I hereby declare that:				
This declaration The attached application, or is directed to:				
	United States application or PCT international application number13/874,278 filed on04/30/2013			
The above-ident	ified application was made or authorized to be made by me.			
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.				
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment.				
I acknowledge the duty to disclose information material to patentability as defined in 37 C.F.R. 1.56 including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.				
WARNING:				
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.				
LEGAL NAME	E OF INVENTOR			
Inventor:	Xiaodong Li Date: 6/5/20/3			
Signature:	Mylli			
	on data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or previously filed. Use an additional PTO/AIA/01 form for each additional inventor.			



DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)				
Title of Invention METHOD AND APPARATUS USING CELL-SPECIFIC AND COMMON PILOT SUBCARRIERS IN MULTI-CARRIER, MULTI-CELL WIRELESS COMMUNICATION NETWORKS				
As the below named inventor, I hereby declare that:				
This declaration The attached application, or is directed to:				
X United States application or PCT international application number 13/874,278 filed on 04/30/2013				
The above-identified application was made or authorized to be made by me.				
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.				
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment.				
I acknowledge the duty to disclose information material to patentability as defined in 37 C.F.R. 1.56 including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.				
WARNING:				
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.				
LEGAL NAME OF INVENTOR				
Inventor: Titus Lo Date: 6/5/2013				
Signature:				
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.				



		R 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN PLICATION DATA SHEET (37 CFR 1.76)
Title of Invention		PARATUS USING CELL-SPECIFIC AND COMMON PILOT MULTI-CARRIER, MULTI-CELL WIRELESS COMMUNICATION
As the below named inventor, I hereb		y declare that
This declaration The attached a is directed to:		pplication, or
	X United States a filed on	application or PCT international application number13/874,278 04/30/2013
The above-ide	ntified application was r	nade or authorized to be made by me.
I believe that I	am the original inventor	or an original joint inventor of a claimed invention in the application.
		alse statement made in this declaration is punishable under 18 U.S.C. 1001 an five (5) years, or both.
	that I have reviewed and y any amendment.	d understand the contents of the above identified application, including the claims,
continuation-in	i-part applications, mate	ormation material to patentability as defined in 37 C.F.R. 1.56 including for rial information which became available between the filing date of the prior ernational filing date of the continuation-in-part application.
		WARNING:
contribute to ide (other than a ch to support a pel petitioners/appl USPTO. Petitio application (unli- patent. Further referenced in a	entity theft. Personal info- neck or credit card author- tition or an application. If icants should consider re- ner/applicant is advised the ess a non-publication requipmore, the record from an published application or	submitting personal information in documents filed in a patent application that may rmation such as social security numbers, bank account numbers, or credit card numbers zation form PTO-2038 submitted for payment purposes) is never required by the USPTO this type of personal information is included in documents submitted to the USPTO, dacting such personal information from the documents before submitting them to the nat the record of a patent application is available to the public after publication of the uest in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a abandoned application may also be available to the public if the application is an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms see are not retained in the application file and therefore are not publicly available.
LEGAL NAM	ME OF INVENTOR	
Inventor:	Ker	min Li Date: 06/05/2013
Signature: _	LA	
		14 or equivalent), including naming the entire inventive entity, must accompany this form or



DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)				
Title of Invention		PARATUS USING CELL-SPECIFIC AND COMMON PILOT MULTI-CARRIER, MULTI-CELL WIRELESS COMMUNICATION		
As the below named inventor, I hereb		y declare that:		
This declaration	on The attached a	application, or		
	X United States filed on	application or PCT international application number13/874,278 04/30/2013		
The above-ide	entified application was r	nade or authorized to be made by me.		
I believe that I	am the original inventor	or an original joint inventor of a claimed invention in the application.		
		alse statement made in this declaration is punishable under 18 U.S.C. 1001 an five (5) years, or both.		
	that I have reviewed and y any amendment.	d understand the contents of the above identified application, including the claims,		
I acknowledge the duty to disclose information material to patentability as defined in 37 C.F.R. 1.56 including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.				
		WARNING:		
contribute to id- (other than a cl to support a pe petitioners/app USPTO. Petitic application (uni patent. Further referenced in a	entity theft. Personal infoneck or credit card author tition or an application. If licants should consider reper/applicant is advised tiess a non-publication required, the record from an published application or	submitting personal information in documents filed in a patent application that may rmation such as social security numbers, bank account numbers, or credit card numbers ization form PTO-2038 submitted for payment purposes) is never required by the USPTO this type of personal information is included in documents submitted to the USPTO, dacting such personal information from the documents before submitting them to the hat the record of a patent application is available to the public after publication of the uest in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a abandoned application may also be available to the public if the application is an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms see are not retained in the application file and therefore are not publicly available.		
LEGAL NAN	ME OF INVENTOR			
Inventor: _	Haimir	g Huang Date: 6/5/2013		
Signature:		ETBO .		
		14 or equivalent), including naming the entire inventive entity, must accompany this form or additional inventor.		

