Exhibit D

Used in lieu of AIA-91 (06-12)

DE	CLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)
Title of Invention	METHODS AND APPARATUS FOR SIGNAL TRANSMISSION AND RECEPTION IN A BROADBAND COMMUNICATION SYSTEM
As the below	named inventor, I hereby declare that:
This declaration	i the manager of the contract
າຈ ບາກວນເອນ ແນະ	United States application or PCT international application number 13/861,942 filed on 04/12/2013 .
The above-ide	entified 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 acknowy by fine or impi	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 risonment of not more than five (5) years, or both.
l hereby state as amended t	that I have reviewed and understand the contents of the above identified application, including the claims, by any amendment.
continuation-li	e the duty to disclose information material to patentability as defined in 37 C.F.R. 1.56 including for n-part applications, material information which became available between the filing date of the prior id the national or PCT international filing date of the continuation-in-part application.
	WARNING:
contribute to id (other than a c to support a pa petitioners/app USPTO Petition application (on patent. Furthereferenced in a	icant is cautioned to avoid submitting personal information in documents filed in a patent application that may lentify theft. Personal information such as social security numbers, bank account numbers, or credit card numbers heck or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO sittem or an application. If this type of personal information is included in documents submitted to the USPTO, sicents should consider redacting such personal information from the documents before submitting them to the preparation is advised that the record of a patent application is available to the public after publication of the less a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a imore, the record from an abandored application may also be available to the public if the application is a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms imitted for payment purposes are not retained in the application file and therefore are not publicly available.
LEGAL NAI	ME OF INVENTOR
Inventor:	Xiaodong Li Date: 6/5/20/3
Signature:	
Note: An application of the second contract o	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or n previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

61240-8006.US03/LEGAL26378973.1



Used in lieu of AIA-01 (08-12)

DEC	CLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)
Title of Invention	METHODS AND APPARATUS FOR SIGNAL TRANSMISSION AND RECEPTION IN A BROADBAND COMMUNICATION SYSTEM
As the below :	named inventor, I hereby declare that:
This declarations of the contraction of the contrac	The attached application, or
	X United States application or PCT International application number 13/861,942 filed on 94/12/2013
The above-ide	ntified 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 acknoby fine or impr	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 isonment of not more than five (5) years, or both.
	that I have reviewed and understand the contents of the above identified application, including the claims, y any amendment.
Constitution in	the duty to disclose information material to patentability as defined in 37 C.F.R. 1.56 including for part applications, material information which became available between the filing date of the prior d 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 periliprees/app USPTO. Petito application (un patent. Furthe referenced to a	cent is cautioned to avoid submitting personal information in documents filed in a patent application that may entity that. Personal information such as about security numbers, bank account numbers, or credit card numbers back or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPYO little or an application. If this type of personal information is included in documents submitted to the USPTO, licants should consider reducting such personal information from the documents before submitting them to the newapplicant is envised that the record of a patent application is available to the public after publication of the less a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or isotrance of a more, the record from an abandoned application may also be available to the public if the application is published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms mitted for payment purposes are not retained in the application file and therefore are not publicly available.
LEGAL NAM	ME OF INVENTOR
Inventor:	Titus Lo Date: 4/12/2013
Signature:	
Note: An applic	ation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or n praviously filed. Use an additional PTO/AIA/01 form for each additional inventor.



Used in lieu of AIA-01 (06-12)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)		
Title of invention	METHODS AND APPARATUS FOR SIGNAL TRANSMISSION AND RECEPTION IN A BROADBAND COMMUNICATION SYSTEM	
As the below r	named inventor, I hereby declare that:	
This declaration is directed to:	The attached application, or X United States application or PCT international application number 13/861,942	
	filed on 64/12/2013 .	
The above-ide	intified application was made or authorized to be made by me.	
l believe that l	am the original inventor or an original joint inventor of a claimed invention in the application.	
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 isonment of not more than five (5) years, or both.	
	that I have reviewed and understand the contents of the above identified application, including the claims, by any amendment.	
continuation-in	the duty to disclose information material to patentability as defined in 37 C.F.R. 1.56 including for part applications, material information which became available between the filing date of the prior d the national or PCT international filing date of the continuation-in-part application.	
	WARNING:	
contribute to id (other than a of to support a per peritioners/appr USPTO, Petition application (uni patent, Further referenced in a	cant is cautioned to avoid submitting personal information in documents filed in a patent application that may antity theft. Personal information such as social security numbers, trank account numbers, or credit card numbers hack or credit card authorization form PTC-2038 submitted for payment purposes) is never required by the USPTO dition or an application. If this type of personal information is included in documents submitted to the USPTO, it cants should consider reducting such personal information from the documents before submitting them to the personal information from the documents before submitting them to the personal patent is advised that the record of a patent application is available to the public after publication of the less a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a more, the record from an abandoned application may also be available to the public if the application is a published application or an issued patent (see 37 CFR 1.14). Checke and credit card authorization forms mitted for payment purposes are not retained in the application file and therefore are not publicly available.	
LEGAL NAN	ME OF INVENTOR	
inventor:	Kermin U Date: 06/05/2013	
Signature:		
Neje: An applic	ation data sheet (PTO/S8/14 or equivalent), including naming the entire inventive entity, must accompany this form or in previously filed. Use an additional PTO/AIA/01 form for each additional inventor.	

61240-6008.US03/LEGAL26378973.1



"Used in lieu of AIA-01 (06-12)

Title of Invention	METHODS AND APPARATUS FOR SIGNAL TRANSMISSION AND RECEPTION IN A BROADBAND COMMUNICATION SYSTEM
As the below	named inventor, I hereby declare that:
This declarati	
	United States application or PCT infernational application number 13/851,942 filed on 04/12/2013
The above-id	entified application was made or authorized to be made by me.
l believe that	am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby ackn by fine or imp	owledge that any willful faise statement made in this declaration is punishable under 18 U.S.C. 1001 risonment of not more than five (5) years, or both.
	that I have reviewed and understand the contents of the above identified application, including the claims, by any amendment.
continuation-i	e the duty to disclose information material to patentability as defined in 37 C.F.R. 1.56 including for n-part applications, material information which became available between the filing date of the prior id the national or PCT international filing date of the continuation-in-part application.
	WARNING:
contribute to ic (other than a c to support a p petitioners/epp USPTO, Petiti application (ur patent. Further referenced in	icant is cautioned to avoid submitting personal Information in documents filed in a patent application that may sentify theft. Personal information such as social security numbers, bank account numbers, or credit card numbers theck or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO stition or an application. If this type of personal information is included in documents submitted to the USPTO, plicants should consider redacting such personal information from the documents before submitting them to the poer/applicant is advised that the record of a patent application is available to the public after publication of the please a non-publication request in compliance with 37 OFR 1.213(a) is made in the application) or issuance of a semone, the record from an abandoned application may also be available to the public if the application is a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms of mitted for payment purposes are not retained in the application file and therefore are not publicly available.
LEGAL NA	ME OF INVENTOR
Inventor:	Haiming Huang Date: 04/12/2013
Signature:	The second se

