504570627 09/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4617337

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONG TIAN	09/22/2011
WANG LIN LAI	09/20/2011

RECEIVING PARTY DATA

Name:	THOMSON LICENSING	
Street Address:	et Address: 1 RUE JEANNE D'ARC	
City:	ISSY LES MOULINEAUX	
State/Country:	FRANCE	
Postal Code:	92130	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	9485492

CORRESPONDENCE DATA

Fax Number: (609)919-0143

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 609-734-6817

Email: donna.foligno@technicolor.com

Correspondent Name: BRIAN J. DORINI, THOMSON LICENSING LLC

Address Line 1: 4 RESEARCH WAY

Address Line 4: PRINCETON, NEW JERSEY 08540

ATTORNEY DOCKET NUMBER:	PU110103-US		
NAME OF SUBMITTER:	PATRICIA A. VERLANGIERI		
SIGNATURE:	/Patricia A. Verlangieri, Reg.No. 42201/		
DATE SIGNED:	09/28/2017		

Total Attachments: 2

source=PU110103_ASSIGNMENT#page1.tif source=PU110103_ASSIGNMENT#page2.tif

PATENT 504570627 REEL: 043727 FRAME: 0764

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby dec	dare that I am the sole inv	entor (if only one inventor is	named below) or one	of joint invent	tors (if plurs) inventors are named below) of the
nventions relating to	COMPRESSION MET	HODS AND APPARATUS F	OR OCCLUSION DA	<u>ra</u>	
lescribed in an Appli	ication for Patent filed on	AUGUST 31, 2011	under Serial N	o: PCT/US11/49881	and described in the file associated with
to. PU110	***************************************		y filing date and senai	number or by the Docket	Number listed above, executed by me on even
For valuable puntry of France, its mod all Letters Paten I agree that and do all acts which countries and for vest corporation and at its epresentatives or no I authorize an its or their own inventions filed by its convention which may be required in a patent or other proprotection of Industrial I coversant I coversant	a successors, and assign it that may be granted the when requested, i will, who he may be necessary, des sting title thereto in said or it will commanicate to as expense will testify in a princes, to obtain or enfo and empower said corpor and empower said corpor and, or it mylour name or them, the benefit of the sy henceforth be substitude to substitude the protection for said in its Property, as amended, with Thomson Licensing, with Thomson Licensing.	hereby self, assign and trar is my entire right, title and in efor, and any divisions, confid incording to said corpora into or convenient for sect, in partition, its successors, as aid corporation or its repres my legal proceedings, and nee proper protection for said aton, its successors, assign, in any and all countries a eight of priority provided by ad for it, and to invoke and of ssignment shall be deemed and more particularly in p rentions, and to claim the a or by any convention which its successors, assigns, le	terest, for all countries invations, reissues and invations or expension and maintaining passes or nominees, exhauses any facts known and the expension of the expension of the expension of the expension of prioritism such right of prioritism such right of prioritism such right of the expension of the right of the expension of the right of the expension of the e	in and to said inventions of extensions thereof. a, sign all papers, take all patents or other forms of own to me respecting sign possible to aid said cor all countries. a application for patent or me tor any application for the Protection of the written for the patent or the written for the protection of the written of the protection of the written for the provide said corporation or its subset application of its subset applied for it provide octivated for it.	organized and existing under the laws of the and all the rights and privileges under any rightful oaths, make all rightful declarations protection for said inventions in any and all sid inventions and when requested by said proration, its successors, assigns and legal or other form of protection for said inventions patent or other form of protection for said infinitustrial Property, as amended, or by any or oral authorization from me. ment, consent to fite or like document which accessors, assigns or nominees to apply for led by the International Convention for the select of my knowledge the right, title and
nterest herein conve	eyed by me are free and c	lear of any encumbrance, an	id that I have full right t	o convey the same as he	rein expressed.
Signed at	Cambrill	9e.MA	Date	9/22/2	01/
Inventor (1)	Dong TIAN		***		American market
2	(Type or Print)		Military Communication (Communication Communication Commun	(Signature in Full No in)	(a.s.)
p	ost Office Address	574 Burroughs Roa	d. Boxborough.	MA 01719 USA	
1st Witness		AN CHEUNG		***************************************	iais)
					· · · · · · · · · · · · · · · · · · ·
2ndWitness	(Type or Pent)	<u> Liu</u>		(Signature in Full. No init	
	(Type or Fensy		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	(Signature in Full. No init	(8.5)
Signed at	Wang Lin LAI	TOO TO THE CONTRACT OF THE CON	Date	NICE STREET, CONTRACT	
Inventor (2)					
	(Type or Print)	71111100110011001101111111111111111111	ALL CONTRACTOR OF THE PARTY OF	(Signature in Full No init	lais.)
P	ost Office Address	4000 E+ Renner Ro	oad, Apartment	1927, Richardson	, TX 75082 USA
1st Witness	The second secon		***************************************		
	(Type or Print)			(Signature in Full. No init	ials.)
2ndWitness	(Type or Print)			(Signature in Full. No init	(a)s)
Signed at			Date		
Inventor (3)					
	(Type or Print)	LARINETT-MARTITUTE (TEXT)		(Signature in Full. No init	iais.)
P	ost Office Address				
				······	
1st Witness	(Type or Print)		*********	(Signature in Full. No init	Sais.)
2ndWitness					

After this Assignment has been recorded please RETURN to

(Signature in Full No initials.)

Patent Operations THOMSON Licensing LLC PO Box 5312 Princeton, NJ 08543-5312

Pat Form Rev. 01/2007

(Type or Print)

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby d	teclare that I am the sole inv	entor (if only one inventor is na	amed below) of one of	joint invento	rs (if plural inventors are named below) of the
inventions relating	to COMPRESSION METH	HODS AND APPARATUS FO	ROCCLUSION DATA		
described in an Ap Docket	oplication for Palent filed on	AUGUST 31, 2011	under Senai No.	PCT/US11/49881	and described in the file associated with
	110103 (Seted above	re or, if not identified here by fi	ing date and secal nu	imber or by the Docket N	umber listed above, executed by me on even
•	ution of this Assignment/Agre	sement.			
country of France, and all Letters Pat- I agree th and do all acts wh	its successors, and assigns ent that may be granted then at, when requested, I will, w rich may be necessary, desi-	i my entire right, title and inter efor, and any divisions, contine thout charge to said corporation rable or convenient for securir	est, for all countries in uations, reissues and on but at its expense, ng and maintaining pa	n and to said inventions; extensions thereof, sign at papers, take all r	ganized and existing under the laws of the and all the rights and privileges under any ignitul caths, make all rightful declarations rotection for said inventions in any and all
l agree the	net I will communicate to sa	ny lenal proceedings, and ger	tatives any facts know	nassible in eid seid enm	d inventions and when requested by said continuity is successors, assigns and legal
representatives or	nominees, to obtain or enfor	ce proper protection for said in	iventions in any and a	i countries	other form of protection for said inventions
in its or their own inventions filed by convention which is	i name, or in my/our name; it or them, the benefit of the may henceforth be substitute	in any and all countries and right of priority provided by the of for it, and to invoke and clair	to invoke and claim International Convent In such right of priority	for any application for patient for the Protection of without further written or	natent or other form of protection for said industrial Property, as amended, or by any creat authorization from me
may be required in patent or other pr Protection of Indus I covenar	n any country for any purpos oper protection for said invisitie Property, as amended, of with Thomson Licensing	e and more particularly in pro- entions, and to claim the afo- or by any convention which me its successors, assigns, lega-	of of the right of the s resaid benefits of the ay henceforth be subs il representatives, and	aid corporation or its suc i right of priority provide lituted for it.	ent, consent to file or like document which cessors, assigns or nominees to apply for d by the International Convention for the best of my knowledge the right, title and
Interest herein con	veyed by me are free and cl	ear of any encumbrance, and t	hat I have full right to	convey the same as here	in expressed
Signed at			Date		
	CO. 7574 A A A				
inventor (1)	Dong TIAN (Type or Print)	***************************************		immediace in Call his initia	
ĺ	(rype or rink)		(5	ignature in Full No initia	NS.)
	Post Office Address	574 Burroughs Road,	Boxborough, M	//A 01719 USA	***************************************
1st Witness					
***************************************	(Type or Print)		(8	ignature in Fuli. No initia	is.)
2ndWitness	(Type or Print) , s			Connection to First Ata Laborator	
***************************************	17 SSX 330.00			ignature in Full. No initia	is.)
Signed at	Ward Lington	Chaden IX	Date	94. 30. 20	4
Inventor (2)	(Type or Print)	6 LAI		ignature in Full No initia	de la companya de la
	The state of the s	1000 F F	•		
		4000 E. Renner Road	ı, Apartment 19	27, Richardson,	1X /5082 USA
1st Witness	**********************************	10		Marian Comment	
2ndWitness	(Type or Print) ANY FUL	SAKENA	(S	ignatoxe in Full. No initie	is.)
	(Type or Print)	and a second	<u>(S</u>	ghature in Full. No initia	is.)
Signed at			Date	***************************************	
inventor (3)					
miverno (o)	(Type or Print)		(S	ignature in Full. No initia	is)
	Post Office Address		***************************************		
1st Witness					
	(Type or Print)		(S	ignature in Full No initia	Hs.)
2ndWitness	(Type or Print)	***************************************		gnature in Full No initia	sie i
Mary mary mary mary mary mary mary mary m	The same of the sa	******************	/	Server and the Cart Harris	T-7

After this Assignment has been recorded please RETURN to:

Patent Operations THOMSON Licensing LLC PO Box 5312 Princeton, NJ 08543-5312

Pat Form Rev. 03/2007