501917125 05/10/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
Xiaoan Lu	05/03/2010
Peng Yin	05/10/2010
Qian Xu	05/03/2010
Joel Sole	05/03/2010
Yunfei Zheng	05/03/2010

RECEIVING PARTY DATA

Name:	Thomson Licensing	
Street Address:	1-5 rue Jeanne d'Arc	
City:	Issy les Moulineaux	
State/Country:	FRANCE	
Postal Code:	92130	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13509133

CORRESPONDENCE DATA

Fax Number: (609)734-6888 Phone: 609-734-6807

Email: anacleto.cadano@technicolor.com

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

Mail.

Correspondent Name: Guy H. Eriksen
Address Line 1: P.O. Box 6312

Address Line 4: Princeton, NEW JERSEY 08543-5312

ATTORNEY DOCKET NUMBER:	PU090177		
NAME OF SUBMITTER:	Guy H. Eriksen		

Total Attachments: 2

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PATENT REEL: 028190 FRAME: 0626 13509133

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

I hereby declare that I am the sole inventor (if only	one inventor is named below)	or one of 5 joint inv	renters (if plurat inventors are named below) of the			
inventions relating to METHODS AND APPARATUS FOI	RIMPROVED CHROMA TRAI	NSFORMS FOR INTER-FRA	MES IN VIDEO ENCODING AND DECODING			
described in an Application for Patent filed on December		serial No. <u>61/266,537</u>	and described in the file associated with			
Docket No. PU090177 , fisted above or, if not in	entified here by filing date and	serial number or by the Dock	et Number listed above, executed by me on even			
date with my execution of this Assignment/Agreement. For valuable consideration received, I hereby sell,	assign and transfer to THOM	SON LICENSING, a cornoral	ion duly organized and existing under the laws of			
the country of France, its successors, and assigns my entir	e right, title and interest, for all	I countries in and to said inve	ntions, and all the rights and privileges under any			
and all Letters Patent that may be granted therefor, and any Lagree that, when requested, I will, without charge	to said corporation but at its ex	spense, sign all papers, take a	all rightful oaths, make all rightful declarations and			
do all acts which may be necessary, desirable or convenier and for vesting title thereto in said corporation, its successo	t for securing and maintaining s. assigns or nominees	patents or other forms of pro	tection for said inventions in any and all countries			
I agree that I will communicate to said corporati	on or its representatives any	facts known to me respecti	ng said inventions and when requested by said			
corporation and at its expense will testify in any legal pro- representatives or nominees, to obtain or enforce proper pro-	tection for said inventions in a	ny and all countries.				
I authorize and empower said corporation, its succ its or their own name, or in my/our name, in any and all cou						
by it or them, the benefit of the right of priority provided by t	ne International Convention for	r the Protection of Industrial P	roperty, as amended, or by any convention which			
may henceforth be substituted for it, and to invoke and claim I hereby consent that a copy of this assignment sho	If be deemed a full legal and for	ormal equivalent of any assign	rment, consent to file or like document which may			
be required in any country for any purpose and more particles other proper protection for said inventions, and to claim to						
Industrial Property, as amended, or by any convention which	may henceforth be substituted	d for it.				
I covenant with THOMSON LICENSING, its succ interest herein conveyed by me are free and clear of any en-						

Signed at Princeton, New Jersey	Date	05/03/201	0			
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Inventor (1) XIAOAN LU		N Your as	a Lu			
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Signed at Princeton, New Jersey	Date	05/10/20	<i>l</i> o			
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Inventor (2) PENG YIN		L. P.	5			
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Inventor (3) QIAN XU		- Whan X	M. I			
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200 1360	Post Office Address 206 Deer Creek Drive, Plainsboro, New Jersey 08536					
tst Witness TAGON	<u> </u>					
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After this Assignment has been recorded please RETURN to:

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

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

			entor (if only one inventor is r					ntors are named below) of the
inven	tions relating to	METHODS AND APPA	RATUS FOR IMPROVED C	HROMA TRANSI	FORMS	FOR INTER-	FRAMES IN VIDEO ENC	CODING AND DECODING
descr	ibed in an Applic	cation for Patent filed on	December 4, 2009	under Seri	al No.	61/266,537	and descri	bed in the file associated with
Dock	et No. <u>PUO9</u>	0177 , listed above	e or, if not identified here by	filing date and se	rial nun	ber or by the D	Docket Number listed abo	ove, executed by me on even
date v		in of this Assignment/Agr						
the co and a	suntry of France Il Letters Patent	, its successors, and ass that may be granted then	igns my entire right, title and efor, and any divisions, contir	interest, for all co nuations, reissues	untries and ex	in and to said tensions there	inventions, and all the rig of.	and existing under the laws of ghts and privileges under any se all rightful declarations and
do ali and k	acts which may r vesting title th	r be necessary, desirable ereto in said corporation.	or convenient for securing as its successors, assigns or no	nd maintaining pa mìnees.	tents o	r other forms o	f protection for said inver	ntions in any and all countries
corpo	l agree that ration and at its	I will communicate to see expense will testify in	aid corporation or its represently legal proceedings, and	entatives any fac generally do ever	'ything	possible to alc	secting said inventions a said corporation, its sa	and when requested by said accessors, assigns and legal
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	Signed at	Princeton, Ne	w Jersey	Date		51/2	3/2010	
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	P	ost Office Address	94 ½ Leigh Avenue	a Princeton	Neu	w.lersev	08542	
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	Signed at	Princeton, Nev	w Jersey	Date		5/3/	/ 2010	**************************************
-	Inventor (2)	YUNFEI ZHI	ENIC		AND		1	
	,	(Type or Print)	2,8,69	-	(Si	gnature in Full.	No initials,	
	Po	ost Office Address	123 Quail Ridge Dr	ive. Plainsb	oro.	New Jers	ev 08536	
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	Inventor (3)	,167557774857777777777777777777						
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2ndWitness

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