CUSTOMER NO.: 24498 Docket No.: PU090013 0 581-40 07/29/2011 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE Rev. 01/07/2007 13/138287 103629869 To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Joel Sole, Peng Yin, Yunfei Zheng, Cristina Gomila Name: THOMSON LICENSING Additional name(s) of X No Street Address: 46 Quai A. Le Gallo conveying party(ies) F-92100 Boulogne-Billancourt, France attached: 3. Nature of convenance: Assignment Merger Security Agreement Change of Name Other X No Execution Dates: November 25, 2009, November 12, 2009, November 25, 2009, Additional name(s) & address(es)attached? and November 20, 2009, respectively Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s): PCT/US2009/005,730 B. Patent No.(s) Yes No X Additional numbers attached? 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: ROBERT D. SHEDD Name: Internal Address: PATENT OPERATIONS \$40.00 7. Total Fee (37 CFR 3.41): Enclosed THOMSON LICENSING LLC Authorized to be charged to deposit account SUITE 200 8. Deposit account number: Street or PO Address: P. O. Box 5312 07-0832 City: PRINCETON State: NEW JERSEY Zip: 08543-5312 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Paul P. Kiel Name of Person Signing Total number of pages including cover sheet, attachments, and document Total no. of pages above DO NOT DETACH THIS PORTION Mail documents to be recorded with this sheet to: Mail Stop Assignment Recordation Services Director of the United States Patent and Trademark Office P. O. Box 1450 Alexandria, Virginia 22313-1450 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project

(0651-0011), Washington, D.C. 20503

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

Docket No. PU090013

l hereby de	clare that I am the sole in	ventor (if only one inventor is n			13/13828
inventions relating to	METHODS AND APP	PARATUS FOR TRANSFORM	SELECTION IN VIDE	joint inventors (i	f plural inventors are named below) of the NG
	ication for Patent filed on			PCT/US2009/005,730	and described in the file associated with
date with my execution	on of this Assignment/Ag	dement.			er listed above, executed by me on even
and all Letters Paten I agree that, do all acts which ma and for vesting title tr I agree that corporation and at it representatives or no I authorize a its or their own name by it or them, the ber may henceforth be su I hereby con be required in any co other proper protecti Industrial Property, as I covenant w	t that may be granted the when requested, I will, way be necessary, desirably nereto in said corporation of I will communicate to sexpense will testify in minees, to obtain or enfound empower said corpor, or in my/our name, in a lefit of the right of priority ubstituted for it, and to insent that a copy of this a untry for any purpose an on for said inventions, as a significant of the right of priority ubstituted for it, and to insent that a copy of this a untry for any purpose an on for said inventions, as a significant of the right of the righ	prefor, and any divisions, continuition to charge to said corporatic e or convenient for securing and its successors, assigns or non said corporation or its represe any legal proceedings, and groce proper protection for said in ration, its successors, assigns on any and all countries and to invoir provided by the International Cyoke and claim such right of prices in the countries and to claim the aforesaid benavention which may henceforth ING. Its successors, assigns in ING.	nations, reissues and a probability of maintaining patents ninees. Intatives any facts kneenerally do everything prominees, to make ke and claim for any a convention for the Protority without further writing all legal and formal equipments of the right of the said conferits of the right of pibe substituted for it.	extensions thereof, as a sixtensions thereof, ign all papers, take all rightfu of other forms of protection for the protection from the protection for the protection for patent or other forms of protection for patent or other forms of industrial Property, it ten or oral authorization from invalent of any assignment, corporation or its successors, as incrity provided by the Internity and provided by the Internity of the th	onsent to file or like document which may ssigns or nominees to apply for patent or ational Convention for the Protection of
interest herein convey	yed by me are free and c	lear of any encumbrance, and the	hat I have full right to c	onvey the same as herein ex	pressed.
Signed at	PRINCETON,	NEW JERSEY	Date	Nav. 25,	2009
Inventor (1)	Joel Sole (Type or Print)			Lust.	
_			·	Signature in Full. No initials.)	
	ost Office Address	1006 Quail Ridge Drive, (I	Middlesex County),	Plainsboro, New Jersey	08536 USA
1st Witness	(Type or Print)	corrasio		Signature in Full. No initials.)	2
2ndWitness	Pearline	Mooring	,,	agricultural and the transfer of	
	(Type or Print)		(5	ignature in Full. No initials,	
Signed at	PRINCETON,	NEW JERSEY	Date		
Inventor (2)	Peng Yin				
	(Type or Print)	<u> </u>	(S	ignature in Full. No initials.)	
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Signed at	PRINCETON,	NEW JERSEY	Date	NOV. 25 . 2	vol
Inventor (3)	Yunfei Zher (Type or Print)	ıg		ignature in Full. No initia(s.)	
Р	ost Office Address	5402 Ravens Crest Dri	ve, (Middlesex Co	ounty), Plainsboro, Nev	w Jersey 08536 USA
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Signed at	PRINCETON, NEW JERSEY	Date	11/20/2009
Inventor (4)	Cristina Gomila (Type or Print)		(Signature in Eull- Wo initials.)
F	Post Office Address 25C Chestnut Court, P	rincetor	ı, New Jersey 08540 USA.
1st Witness			Jones
2nd Witness	(Type or Print) (Type or Print) (Type or Print)		(Signature in Full. No initials.)
Signed at		Date	
Inventor (5)			,
	(Type or Print)		(Signature in Full. No initials.)
	ost Office Address		
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)
Signed at		Date	
Inventor (6)			
	(Type or Print)		(Signature in Full. No initials.)
P	ost Office Address		
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)
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Inventor (7)			
	(Type or Print)		(Signature in Full. No initials.)
Pe	ost Office Address		
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness			
	(Type or Print)		(Signature in Full. No initials.)

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Docket No. PU090013

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Inventor (1)	Joel Sole (Type or Print)				nature in Full.	•			
Inventor (1)	Joel Sole (Type or Print)	NEW JERSEY 1006 Quail Ridge Drive,				•		SA	
Inventor (1)	Joel Sole (Type or Print)			ounty), Pla	ainsboro, Ne	w Jersey	08536 US	SA .	
Inventor (1) Polytimess	Joel Sole (Type or Print)			ounty), Pla		w Jersey	08536 US	SA	
Inventor (1)	Joel Sole (Type or Print) ost Office Address (Type or Print)			ounty), Pla	ainsboro, Ne	w Jersey	08536 US	SA	
Inventor (1) Professional Control of the Control of	Joel Sole (Type or Print)			ounty), Pla	ainsboro, Ne	w Jersey	08536 US	SA ·	
Inventor (1) Polytimess	Joel Sole (Type or Print) ost Office Address (Type or Print)	1006 Quail Ridge Drive,		ounty), Pla	ainsboro, Ne	w Jersey	08536 US	SA .	
Inventor (1) Professional Profe	Joel Sole (Type or Print) ost Office Address (Type or Print) (Type or Print) PRINCETON, N	1006 Quail Ridge Drive,	(Middlesex Co	ounty), Pla	ainsboro, Ne	w Jersey	08536 US	SA	
Inventor (1) Professional Control of the Control of	Joel Sole (Type or Print) ost Office Address (Type or Print) (Type or Print)	1006 Quail Ridge Drive,	(Middlesex Co	(Sign	ature in Full. N	w Jersey	08536 US	SA	
Inventor (1) Points Witness 2ndWitness Signed at Inventor (2)	Joel Sole (Type or Print) ost Office Address (Type or Print) (Type or Print) PRINCETON, N Peng Yin (Type or Print)	1006 Quail Ridge Drive,	(Middlesex Co	(Sign	ature in Full. N	w Jersey No initials.) lo initials.)	08536 US		
Inventor (1) Points Witness 2ndWitness Signed at Inventor (2)	Joel Sole (Type or Print) ost Office Address (Type or Print) (Type or Print) PRINCETON, N Peng Yin (Type or Print)	1006 Quail Ridge Drive,	(Middlesex Co	(Sign	ature in Full. N	w Jersey No initials.) lo initials.)	08536 US		A
Inventor (1) Polist Witness 2ndWitness Signed at Inventor (2)	Joel Sole (Type or Print) ost Office Address (Type or Print) (Type or Print) PRINCETON, N Peng Yin (Type or Print)	1006 Quail Ridge Drive,	(Middlesex Co	(Sign (Sign (Sign	ature in Full. N	w Jersey No initials.) It is a second to initials.)	08536 US		4
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2ndWitness

(Type or Print)

(Type or Print)

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Signed at			
Signed at	PRINCETON, NEW JERSEY	Date 	
Inventor (4)	Cristina Gomila		
	(Type or Print)	-	
	() pe of thing		(Signature in Full. No initials.)
F	Post Office Address 25C Chestnut Court, F	rinceton,	New Jersey 08540 USA.
1st Witness			
!	(Type or Print)		(Signature in Full. No initials.)
2nd Witness			
	(Type or Print)		(Signature in Full. No initials.)
Signed at		Date	
Inventor (5)		-	
	(Type or Print)		(Signature in Full. No initials.)
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2nd Witness			, ,
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Signed at		Date _	
Inventor (7)			
	(Type or Print)		(Signature in Full. No initials.)
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