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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY	DATA					
N			lame		Execution Date	7
CLARENCE FILSFILS			02/04/2014			
GEORGE L. SWALLOW					02/07/2014	
RECEIVING PARTY DATA						
Name:	Cisco Techno	Cisco Technology, Inc.				
Street Address:	170 W. Tasma	170 W. Tasman Drive				
City:	San Jose	San Jose				
State/Country:	CALIFORNIA					
Postal Code:	95134-1706	95134-1706				
PROPERTY NUMBERS Total: 1						
Property Type		440470	Number			
Application Number: 140479		981				
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Address Line 4: AUSTIN, TEXAS 78758						
ATTORNEY DOCKET NUMBER:			CIS0315US			
NAME OF SUBMITTER:			ROZ DONALDSON			
Signature:			/Roz Donaldson/			
Date:			02/12/2014			
' L						

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Total Attachments: 2

PATENT 502678022 REEL: 032205 FRAME: 0128

Attorney Docket No.: CIS0315US

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Clarence Filsfils

of Brussels, Belgium 1150

George L. Swallow

of Boston, Massachusetts 02116

hereby sell, assign and transfer to Cisco Technology, Inc., a California corporation, having a place of business at 170 W. Tasman Drive. San Jose, California, 95134-1706, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

TRANSLATING AND FILTERING SHARED RISK GROUPS IN COMMUNICATIONS NETWORKS

country for said invention, incountry for said invention, incountry for parents of foreign apply for patents of foreign further authorization from us; States and foreign application successors, assigns and nomineral invention in all countries; said invention in all countries; and patents granted for said we further authorize and recovery for said invention in all countries; and patents granted for said we further authorize and recovery for said invention in all countries; and patents granted for said we further authorize and recovery for said invention in all countries; and patents granted for said we further authorize and recovery for said invention in all countries.	tates Patent Application on 14/047,981 and all pateluding divisions, reissues, continuing the filing of said applications; a countries for said invention, and we agree to execute all papers us, and generally to do everything theses, at their request and expense; and we request that the United aid invention to the above-named quest the attorneys appointed a sument by inserting above the file	ent applications and pate nuations and extensions we authorize the above- d to claim all rights of pa- iseful in connection with g possible to aid said ass e, in obtaining and enfor States Patent and Trader I assignee, its successors	thereof, and all- named assignee riority without said United ignee, their cing patents for nark Office and assigns.

Executed this	day of	February ,2014.
		Clarence Filsfils
Executed this	day of	
		George L. Swallow

PATENT

REEL: 032205 FRAME: 0129

Attorney Docket No.: CIS0315US

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as Application Serial No country for said inventionights of priority resulting apply for patents of for	o. <u>14/047.9</u> 2 n, including divis g from the filing reign countries fo	81 , and all patent applications and patents of every sions, reissues, continuations and extensions thereof, and all of said applications; we authorize the above-named assignee or said invention, and to claim all rights of priority without
States and foreign applic accessors, assigns and r aid invention in all cour	ations, and gener sominees, at their stries; and we req	execute all papers useful in connection with said United rally to do everything possible to aid said assignee, their request and expense, in obtaining and enforcing patents for juest that the United States Patent and Trademark Office is to the above-named assignee, its successors and assigns.
	issignment by in	ttomeys appointed as representatives in this application to serting above the filing date and application number of this
Executed this_	day of	. 20
		Clarence Filsfils
Executed this	T day of	February, 2014.
		George L. Swallow

PATENT REEL: 032205 FRAME: 0130

RECORDED: 02/12/2014