## PATENT ASSIGNMENT

## Electronic Version v1.1

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DATA					
Name Execution Date					
Srinivasan Seshan 08/07/2012					
RECEIVING PARTY DATA					
Name:	Carnegie Mello				
Street Address:	5000 Forbes Ave.				
City:	Pittsburgh				
State/Country:	PENNSYLVANIA				
Postal Code:	15213				
PROPERTY NUMBERS Total: 1					
Property Type		40500	Number		S
Application Number: 13562			872		280
Application Number:     13562872       CORRESPONDENCE DATA     CORRESPONDENCE DATA					
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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.         Phone:       6175002500					
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ATTORNEY DOCKET NUMBER:		70009-D15001			
NAME OF SUBMITTER:		Cassie A. Zaleski			
Total Attachments: 2 source=70009-D15001Assignment#page1.tif source=70009-D15001Assignment#page2.tif					

## ASSIGNMENT

For valuable consideration, I, Srinivasan Seshan of 8007 Pressley Court, Pittsburgh, PA 15237 as joint inventor with Shyamnath Gollakota of 550 Memorial Drive, APT 23C2, Cambridge, MA 02139; Fadel Adib of 70 Pacific Street, Cambridge, MA 01239; Dina Katabi of 303 Third Street, Apt 404, Cambridge, MA 02142; hereby assign to Carnegie Mellon University, having a place of business at 5000 Forbes Ave., Pittsburgh, PA 15213, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled CROSS TECHNOLOGY INTERFERENCE CANCELLATION, filed 7/31/2012, and assigned U.S. Serial Number 13/562,872, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: Nows 77, 2012 enh Srinivasan Seshan PERNSYLVANIA STATE OF SS. COUNTY OF NLL 6164 on AV60517,2012 \_, before me, the undersigned, a notary public for the State of PENN>YLUGNIA \_\_\_\_, there personally appeared Srinivasan Seshan personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity

WITNESS my hand and official seal.

upon behalf of which he acted, executed this Assignment.

Notary Public

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COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Sean Petrisko, Notary Public Homestead Boro, Allegheny County My Commission Expires May 7, 2013 Member. Pennsvivania Association of Notaries

> PATENT REEL: 029135 FRAME: 0109

**RECORDED: 10/16/2012**