

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3183508

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RAYMOND LAU	01/14/2015
ERIK HERZ	01/14/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RAMP HOLDINGS, INC.
<b>Street Address:</b>	27 WORMWOOD ST
<b>Internal Address:</b>	SUITE 210
<b>City:</b>	BOSTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02210
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14597247
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(508)616-9661
<i>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.</i>	
<b>Phone:</b>	508-616-9660
<b>Email:</b>	docket@chapin-ip-law.com
<b>Correspondent Name:</b>	BARRY W. CHAPIN, CHAPIN IP LAW, LLC
<b>Address Line 1:</b>	352 TURNPIKE ROAD
<b>Address Line 2:</b>	SUITE 110
<b>Address Line 4:</b>	SOUTHBOROUGH, MASSACHUSETTS 01772
<b>ATTORNEY DOCKET NUMBER:</b>	RH15-01
<b>NAME OF SUBMITTER:</b>	KENNETH F. KOZIK
<b>SIGNATURE:</b>	/Kenneth F. Kozik/
<b>DATE SIGNED:</b>	01/15/2015
<b>Total Attachments: 3</b>	
source=assignment_RH15-01#page1.tif	
source=assignment_RH15-01#page2.tif	
source=assignment_RH15-01#page3.tif	

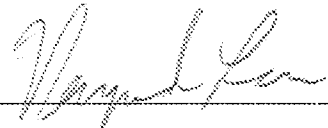
ASSIGNMENT

For valuable consideration, we, Raymond Lau, of Charlestown, MA, and Erik Herz of Farmington, CT, hereby assign to Ramp Holdings, Inc., a Delaware corporation having a place of business at:

27 Wormwood St.  
Suite 210  
Boston, MA 02210

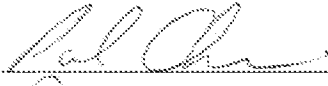
its successors and assigns (collectively hereinafter called “the Assignee”), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled SCALING VIDEO DELIVERY, filed January 15, 2015, and assigned U.S. Serial Number 14/597,247 \_\_\_\_\_; 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 my 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 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.

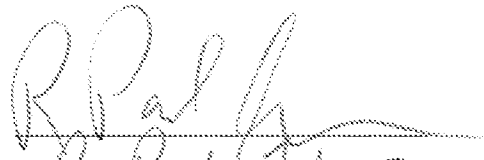
In Witness Whereof, I hereto set my hand and seal at Boston MA (Location),  
this 14 day of January, 2015.

 (Signature)

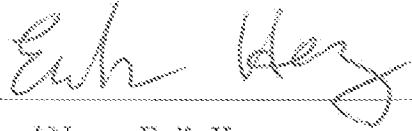
Printed Name: **Raymond Lau**  
43 Shipway Place  
Charlestown, MA 02129

Witnesses:

Signature:   
Printed Name: Paul Chin  
Date: 1/14/2015

Signature:   
Printed Name: R. Paul Johnson  
Date: 1/14/2015

In Witness Whereof, I hereto set my hand and seal at UPS STORE 3937 (Location),  
this 14th day of January, 2015.

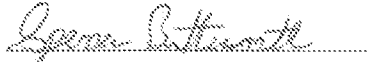


(Signature)

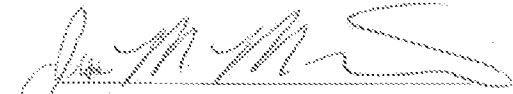
Printed Name: Erik Herz  
685 New Britain Ave  
Farmington, CT 06032

Witnesses:

Signature:



Signature:



Printed Name:

Spencer Butterworth

Printed Name:

Jesse M. Minolla

Date:

1-14-15

Date:

1-14-15