

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3527220

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	SETH HABERMAN	06/17/2013
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	GERRIT NIEMEIJER	
<b>Street Address:</b>	125 HIGH ST, HIGH ST TWR, 19 FL.	
<b>Internal Address:</b>	PEPPER HAMILTON LLP	
<b>City:</b>	BOSTON	
<b>State/Country:</b>	MASSACHUSETTS	
<b>Postal Code:</b>	02110	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	13960382
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(617)204-5150	
<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>		
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<b>Address Line 1:</b>	125 HIGH ST, HIGH ST TWR, 19 FL.	
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<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110	
<b>ATTORNEY DOCKET NUMBER:</b>	140111.16201	
<b>NAME OF SUBMITTER:</b>	GEORGE S. HAIGHT, IV	
<b>SIGNATURE:</b>	/George S. Haight, IV/	
<b>DATE SIGNED:</b>	09/15/2015	
<b>Total Attachments: 3</b>		
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## A S S I G N M E N T

WHEREAS, Seth Haberman, and Gerrit Niemeijer (hereinafter the "Assignors") have made a certain new and useful invention as set forth and disclosed in application for United States Letters Patent, entitled "BANDWIDTH FOR DVR CACHING" filed August 6, 2012 and accorded Serial No. 61/679,836 (hereinafter the "Invention");

WHEREAS, Visible World, Inc., having an address of 460 West 34<sup>th</sup> Street, New York, NY 10001 (hereinafter referred to "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor; and

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignors do hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said Invention as set forth in the above-mentioned applications, continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention.

UPON SAID CONSIDERATION, Assignors shall not execute any writing or do any act whatsoever conflicting with the terms and conditions of this Assignment, and that Assignors will, at any time upon request, without further or additional consideration, but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for or obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said Invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any and all proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of Assignors and Assignee.

The undersigned hereby grants the firm of PEPPER HAMILTON LLP the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States that may be issued for said Invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the Invention covered thereby.



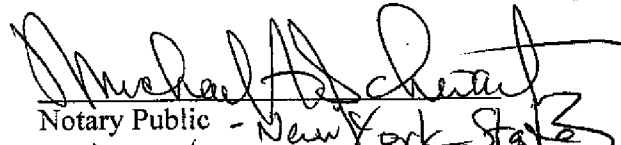
Date: June 17, 2013

By: \_\_\_\_\_  
Name: Seth Haberman

STATE OF New York )  
COUNTY OF New York ) SS:

On this 17<sup>th</sup> day of JUNE, 2013, before me personally appeared Seth Haberman to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

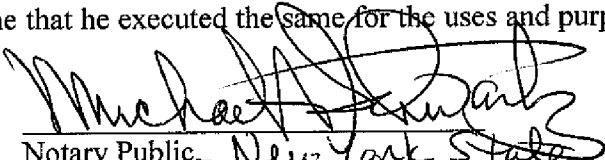
SEAL

  
Notary Public - New York State  
New York County  
Michael A. Schwartz  
Reg. No. 02SC4603352  
Exp. 12/31/14

Date: June 17, 2013By:   
Name: Gerrit NiemeijerSTATE OF New York )  
COUNTY OF New York ) SS:

On this 17<sup>th</sup> day of June, 2013, before me personally appeared Gerrit Niemeijer, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

  
Notary Public - New York State  
New York County  
Michael A. Schwartz  
Reg. No. 02SC4603353  
Exp. 10/31/14