

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3779716

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SETH HABERMAN	05/16/2003
GERRIT NIEMEIJER	05/16/2003
RICHARD L. BOOTH	05/16/2003
ALEX JANSEN	05/16/2003
MICHAEL-DENNIS BIEMENS	05/16/2003
RECEIVING PARTY DATA	
Name:	VISIBLE WORLD, INC.
Street Address:	460 WEST 34TH STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10001
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14493014
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	617-201-5100
Email:	calhouns@pepperlaw.com
Correspondent Name:	GEORGE S. HAIGHT, IV
Address Line 1:	125 HIGH ST., HIGH ST. TWR, 19TH FL.
Address Line 2:	PEPPER HAMILTON LLP
Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	140111.13011
NAME OF SUBMITTER:	GEORGE S. HAIGHT, IV
SIGNATURE:	/George S. Haight, IV, Reg. No. 54146/
DATE SIGNED:	03/11/2016
Total Attachments: 6	

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ASSIGNMENT AND AGREEMENT

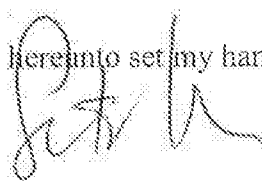
For and in consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we, **Seth Haberman** of 1 West 85th Street, Apt. 11C, New York, NY 10024; **Gerrit Niemeijer** of 23 Arcularius Terrace, Maplewood, NJ 07040; **Richard L. Booth** of 4641 Yates Road, Bensalem, PA 19020; **Alex Jansen** of 101 West End Street, Apt. 5J, New York, NY 10023 and **Michael-Dennis Biemans** of 12 Charles Street, Apt. 5A, New York, NY 10014 have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **VISIBLE WORLD, INC.**, 527 West 34th Street, 6th Floor, New York, NY 10001, a corporation of the State of New York, having its principal office in New York, NY, (hereinafter "ASSIGNEE") and its successors and assigns, the entire right, title and interest in and to certain inventions relating to improvement in **SYSTEM AND METHOD FOR OPTIMIZED CHANNEL SWITCHING IN DIGITAL TELEVISION BROADCASTING**, with application serial number 10/432,280, filed April 25, 2003 described and claimed in an application for Letters Patent of the United States of America executed by us, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and any divisions, extensions, continuations or reissues thereof.

We hereby also sell, assign and transfer unto ASSIGNEE the entire right, title and interest in and to said invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said invention and said applications for Letters Patent in foreign countries, and we further authorize ASSIGNEE to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We agree that, when requested, we will, without charge to ASSIGNEE, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in ASSIGNEE, its successors, assigns and legal representatives or nominees.

We covenant to ASSIGNEE, its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

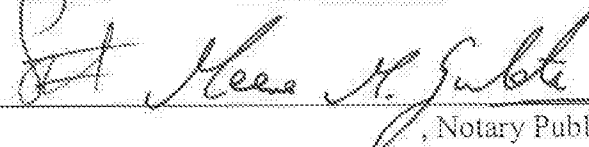
IN WITNESS WHEREOF, I, Seth Haberman, hereunto set my hand and seal this 16th day of MAY, 2003.


Seth Haberman

STATE OF NEW YORK
COUNTY OF New York

I, MEENA M. GULATI, a Notary Public, do hereby certify that the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that ~~(s)~~he signed, sealed and delivered said instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 16th day of MAY, 2003.


_____, Notary Public

MEENA M. GULATI
Notary Public, State of New York
No. 01GU5015872
Qualified in New York County
Commission Expires August 2, 2005

My Commission Expires: 8.2.2005

IN WITNESS WHEREOF, I, Gerrit Niemeijer, hereunto set my hand and seal this 16th
day of May, 2003.



Gerrit Niemeijer

STATE OF NEW YORK

COUNTY OF NEW YORK

I, MEENA M. GULATI, a Notary Public, do hereby certify that the
same person whose name is subscribed to the foregoing instrument, appeared before me this day
in person and acknowledged that (s)he signed, sealed and delivered said instrument as his/her
free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 16th day of MAY, 2003.


Notary Public

MEENA M. GULATI
Notary Public, State of New York
No. 01GUS015872
Qualified in New York County
Commission Expires August 2, 2005

My Commission Expires: 8. 2. 2005

IN WITNESS WHEREOF, I, Richard L. Booth, hereunto set my hand and seal this 16th
day of May, 2003.

Richard L. Booth
Richard L. Booth

STATE OF NEW YORK

COUNTY OF NEW YORK

I, MEENA M. GULATI, a Notary Public, do hereby certify that the
same person whose name is subscribed to the foregoing instrument, appeared before me this day
in person and acknowledged that ~~(s)~~he signed, sealed and delivered said instrument as his/her
free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 16th day of MAY, 2003.

Meena M. Gulati
Notary Public

MEENA M. GULATI
Notary Public, State of New York
No. 01605015872
Qualified in New York County
Commission Expires August 2, 2006

My Commission Expires: 8-2-2005

IN WITNESS WHEREOF, I, Alex Jansen, hereunto set my hand and seal this 16th day
of MAY, 2003.

Alex Jansen

STATE OF NEW YORK

COUNTY OF NEW YORK

I, MEENA M. GULATI, a Notary Public, do hereby certify that the
same person whose name is subscribed to the foregoing instrument, appeared before me this day
in person and acknowledged that (s)he signed, sealed and delivered said instrument as his/her
free and voluntary act and deed for the uses and purposes therein set forth.

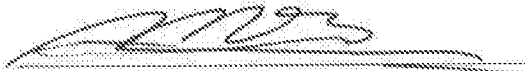
Given under my hand and notarial seal this 16th day of MAY, 2003.

Meena M. Gulati
Notary Public

My Commission Expires: 8-2-2005

MEENA M. GULATI
Notary Public, State of New York
No. 01615015872
Qualified in New York County
Commission Expires August 2, 2005

IN WITNESS WHEREOF, I, Michael-Dennis Biemans, hereunto set my hand and seal
this 16th day of May, 2003.


Michael-Dennis Biemans

STATE OF NEW YORK
COUNTY OF NEW YORK

I, MEENA M. GULATI, a Notary Public, do hereby certify that the
same person whose name is subscribed to the foregoing instrument, appeared before me this day
in person and acknowledged that ~~(s)~~he signed, sealed and delivered said instrument as his/her
free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 16th day of MAY, 2003.

MEENA M. GULATI
Notary Public, State of New York
No. 01605015872
Qualified in New York County
Commission Expires August 2, 2006


Notary Public

My Commission Expires: 8-2-2005