PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3415299

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
DAVID GIROUARD	07/13/2001	
BRADLEY HOROWITZ	07/31/2001	
RICHARD HUMPHREY	07/12/2001	
CHARLES FULLER	07/12/2001	

RECEIVING PARTY DATA

Name:	VIRAGE, INC.		
Street Address:	177 BOVET ROAD, STE 520		
City:	SAN MATEO		
State/Country:	CALIFORNIA		
Postal Code:	94402		

PROPERTY NUMBERS Total: 1

Property Type	Number		
Patent Number:	8171509		

CORRESPONDENCE DATA

Fax Number: (970)778-4063

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.

Correspondent Name: HEWLETT-PACKARD COMPANY **Address Line 1:** 3404 E. HARMONY ROAD MS 35

Address Line 2: INTELLECTUAL PROPERTY ADMINISTRATION

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	82951896
NAME OF SUBMITTER:	JOANNA KEYT
SIGNATURE:	/Joanna Keyt/
DATE SIGNED:	06/26/2015

Total Attachments: 3

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PATENT 503368677 REEL: 035914 FRAME: 0658

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PATENT REEL: 035914 FRAME: 0659 Application No.: 09/828,507 Filing Date: April 6, 2001 Client Code: VIRAGE.029A Page 1

ASSIGNMENT

WHEREAS, We, David Girouard, a United States citizen, residing at 319 27th Street, San Francisco, CA 94131, Bradley Horowitz, a United States citizen, residing at 1406 Rainbow Drive, San Mateo, CA 94402, Richard Humphrey, a United States citizen, residing at 7 Seville Way #3, San Mateo, CA 94402, and Charles Fuller, a United States citizen, residing at 619 Bobstay Drive, Foster City, CA 94404, have invented certain new and useful improvements in a VIDEO-ENABLED ELECTRONIC COMMERCE for which we have filed an application for Letters Patent in the United States, Application No. 09/828,507, filed April 6, 2001;

AND WHEREAS, Virage, Inc. (hereinaster "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 177 Bovet Road, Suite 520, San Mateo, CA 94402, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

STATE OF California COUNTY OF San Mates

On July 13, 2001, before me, January Robert Allow Police, personally appeared David Girouard personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official scal.

[SEAL]



Notary Signature

PATENT REEL: 0120**65 FEM**ME: 0277 REEL: 035914 FRAME: 0660

PATENT

Application No.: 09/828,507 Client Code: VIRAGE.029A Filing Date: April 6, 2001

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this	31	day of	July	, 20 <u>°</u> (.
Bu	rdl.	in Ao	rous	4

Bradley Horowitz /

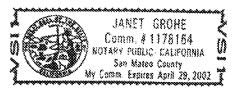
STATE OF California

COUNTY OF San Makes

On July 31, 3001, before me, Janut 670 hr. Notary foblic, personally appeared Bradley Horowitz personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal,

(SEAL)



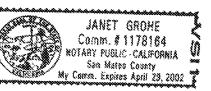
IN TESTIMONY WHEREOF, I hereunto set my hand and scal this 'The day of Our 2001.

STATE OF California COUNTY OF San Mates

On JULIA, 2001, before me, Janet 610hr, Notary Chic, personally appeared Richard Humphrey personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



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Application No.: 09/828,507 Client Code: VIRAGE.029A

Filing Date: April 6, 2001 Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and sgal this 12 day of

2001

Charles Fuller

<u>nt Grobe</u> gnature

STATE OF California Jose Sounty of San Mater Jose

On JULY 12 2001, before me, Janet 6 role Axtax 4 vol., personally appeared Charles Fuller personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

JANET GROHE
Comm. # 1178164
NOTASY PUBLIC - CALIFORNIA
San Mates County
My Comm. Expines April 28, 2002

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RECORDED: 08/07/2001 RECORDED: 06/26/2015