

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

EPAS ID: PAT4006674

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
COMERICA BANK	08/15/2016

**RECEIVING PARTY DATA**

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

**PROPERTY NUMBERS Total: 17**

Property Type	Number
Application Number:	08829791
Application Number:	08870836
Application Number:	08828360
Application Number:	08829790
Application Number:	08825831
Application Number:	08829789
Application Number:	08916904
Application Number:	09028279
Application Number:	09134497
Application Number:	09134498
Application Number:	09134499
Application Number:	09134500
Application Number:	60014893
Application Number:	60019281
Application Number:	60025212
Application Number:	60036011
Application Number:	60055751

**CORRESPONDENCE DATA**

**Fax Number:** (415)693-2222

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent*

**PATENT**

*using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 4156932000  
**Email:** crhem@cooley.com  
**Correspondent Name:** COOLEY LLP  
**Address Line 1:** 101 CALIFORNIA STREET, 5TH FLOOR  
**Address Line 4:** SAN FRANCISCO, CALIFORNIA 94111

<b>ATTORNEY DOCKET NUMBER:</b>	036703-1647
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<b>NAME OF SUBMITTER:</b>	C. RHEM
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<b>SIGNATURE:</b>	/CR/
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<b>DATE SIGNED:</b>	08/15/2016
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**Total Attachments: 6**

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## RELEASE OF SECURITY INTEREST

This Release of Security Interest is made as of August 15, 2016 by COMERICA BANK, a Texas banking association, successor in interest to Imperial Bank ("Bank") in favor of VIRAGE, INC., a Delaware corporation, with its principal place of business at 177 Bovet Road, Suite 520, San Mateo, California 94402 ("Company").

### Recital

WHEREAS, COMPANY assigned certain interests in the copyrights, patents and trademarks described on Exhibits A, B and C and attached hereto, respectively (collectively, the "Intellectual Property") to BANK under an Collateral Assignment, Patent Mortgage and Security Agreement dated as of October 22, 1998 and also November 2, 1998, and recorded with the US Patent and Trademark Office as set forth on Exhibits A, B and C.

WHEREAS, COMPANY has satisfied all its obligations to BANK in the Collateral Assignment, Patent Mortgage and Security Agreement, and BANK wishes to release its security interest in the Intellectual Property.

### Agreement

Now Therefore, BANK agrees that it terminates and releases its security interest in the Intellectual Property and reassigns to COMPANY, without warranty or recourse, all interest of BANK in the Intellectual Property.

BANK: COMERICA BANK

  
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Nola F. Lengel  
Assistant Vice President

Address:  
Comerica Bank  
CLS Collateral Services, MC 7575  
39200 Six Mile Road  
Livonia, MI 48152

EXHIBIT A  
COPYRIGHTS

<u>Description</u>	<u>Registration Number</u>	<u>Registration Date</u>
NONE		

**EXHIBIT B****PATENTS**

<b>Description</b>	<b>Application Number</b>	<b>Application Date</b>
08/829,791	Similarity Engine for Content-Based Retrieval of Objects	03/28/97
08/870,836	Key Frame Selection	06/06/97
08/828,360	Heterogeneous Comparison	03/28/97
08/829,790	Threshold-based Comparison	03/28/97
08/825,831	Query Optimization for Visual Information Retrieval System	03/28/97
08/829,789	Image Query System	03/28/97
08/916,904	Visual Dictionary	08/21/97
09/028,279	Indexing Method for Image Search Engine	02/24/98
09/134,497	Video Cataloger System with Synchronized Encoders	08/14/98
09/134,498	Video Cataloger System with Extensibility	08/14/98
09/134,499	Video Cataloger System with Hyperlinked Output	08/14/98
09/134,500	Video Cataloger System with Audio Track Extraction	08/14/98
60/014,893	Similarity Engine for Content-Based Retrieval of Objects	03/29/96
60/019,281	Virage Video: Shot Segmentation and Key Frame Selection	06/07/96
60/025,212	Visual Dictionary	08/21/96
60/036,011	Indexing of Features	02/24/97
60/055,751	Virage Video Engine	08/14/97
Pending	Embedded Metadata Engines in Digital Capture Devices	09/01/98

Bank's security interest recorded at the US Patent and Trademark Office on June 27, 1997 at Reel and Frame Number 8578/825 and also recorded on November 20, 1998 Reel and Frame Number 9589-866.

**EXHIBIT C**  
**TRADEMARKS**

<b>Description</b>	<b>Registration/ Application Number</b>	<b>Registration/ Application Date</b>
<b>Serial #:</b> <u>74567213</u> <b>Mark:</b> PINPOINT	<b>Filing Dt:</b> 08/29/1994 <b>Reg #:</b> <u>2019651</u>	<b>Reg. Dt:</b> 11/26/1996
<b>Serial #:</b> <u>74612843</u> <b>Mark:</b> VIRAGE	<b>Filing Dt:</b> 12/19/1994 <b>Reg #:</b> <u>1939845</u>	<b>Reg. Dt:</b> 12/05/1995

1,939,845		VIRAGE	12/05/95
2,019,651		PINPOINT	11/26/96
	75/388939	Virage "V" logo	11/12/97
	pending	VIDEOLOGGER	10/98
	pending	AUDIOLOGGER	10/98

<b>Serial #:</b> <u>74567213</u> <b>Mark:</b> PINPOINT	<b>Filing Dt:</b> 08/29/1994 <b>Reg #:</b> <u>2019651</u>	<b>Reg. Dt:</b> 11/26/1996
<b>Serial #:</b> <u>74612843</u> <b>Mark:</b> VIRAGE	<b>Filing Dt:</b> 12/19/1994 <b>Reg #:</b> <u>1939845</u>	<b>Reg. Dt:</b> 12/05/1995
<b>Serial #:</b> <u>75388939</u>	<b>Filing Dt:</b> 11/12/1997 <b>Reg #:</b> <u>2233760</u>	<b>Reg. Dt:</b> 03/23/1999

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EXHIBIT C  
TRADEMARKS

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
Serial #: <u>74172848</u> Filing Dt: 06/04/1991 Mark: JUICE CLUB WHIP IT, BEAT IT, BLEND IT!	Reg #: <u>1829996</u>	Reg. Dt: 04/05/1994
Serial #: <u>74567213</u> Filing Dt: 08/29/1994 Mark: PINPOINT	Reg #: <u>2019651</u>	Reg. Dt: 11/26/1996
Serial #: <u>74612843</u> Filing Dt: 12/19/1994 Mark: VIRAGE	Reg #: <u>1939845</u>	Reg. Dt: 12/05/1995
Serial #: <u>74683110</u> Filing Dt: 06/01/1995 Mark: JAMBA JUICE	Reg #: <u>2014541</u>	Reg. Dt: 11/05/1996
Serial #: <u>75148101</u> Filing Dt: 08/12/1996 Mark: DAIRY DREAM	Reg #: <u>2097340</u>	Reg. Dt: 09/16/1997
Serial #: <u>75148102</u> Filing Dt: 08/12/1996 Mark: CRANBERRY CRAZE	Reg #: <u>2099169</u>	Reg. Dt: 09/23/1997
Serial #: <u>75148103</u> Filing Dt: 08/12/1996 Mark: JUICE CLUB	Reg #: <u>2079260</u>	Reg. Dt: 07/15/1997
Serial #: <u>75148302</u> Filing Dt: 08/12/1996 Mark: PINEAPPLE PIZAZZ	Reg #: <u>2258369</u>	Reg. Dt: 07/06/1999
Serial #: <u>75148307</u> Filing Dt: 08/12/1996 Mark: HARMONYBLEND	Reg #: <u>2075762</u>	Reg. Dt: 07/01/1997
Serial #: <u>75148308</u> Filing Dt: 08/12/1996 Mark: FLORABLEND	Reg #: <u>2067322</u>	Reg. Dt: 06/03/1997
Serial #: <u>75148310</u> Filing Dt: 08/12/1996 Mark: BETABLEND	Reg #: <u>2075763</u>	Reg. Dt: 07/01/1997
Serial #: <u>75148311</u> Filing Dt: 08/12/1996 Mark: CHLORABLEND	Reg #: <u>2075764</u>	Reg. Dt: 07/01/1997
Serial #: <u>75148333</u> Filing Dt: 08/12/1996 Mark: BUZZERBLEND	Reg #: <u>2075765</u>	Reg. Dt: 07/01/1997
Serial #: <u>75148336</u> Filing Dt: 08/12/1996 Mark: STRAWBERRIES WILD	Reg #: <u>2275124</u>	Reg. Dt: 09/07/1999
Serial #: <u>75148337</u> Filing Dt: 08/12/1996 Mark: SOY MILK SPLASH	Reg #: NONE	Reg. Dt:

EXHIBIT C  
TRADEMARKS

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
<b>Serial #:</b> <u>75519962</u> <b>Filing Dt:</b> 07/16/1998 <b>Mark:</b> THE POWER MEAL!	<b>Reg #:</b> <u>2619232</u>	<b>Reg. Dt:</b> 09/17/2002
<b>Serial #:</b> <u>75726552</u> <b>Filing Dt:</b> 06/10/1999 <b>Mark:</b> A TOKEN OF OUR AFFECTION FOR OUR HERITAGE	<b>Reg #:</b> NONE	<b>Reg. Dt:</b>

Bank's security interest recorded at the US Patent and Trademark Office on 06-25-1997 at Reel and Frame number 1608/008. Recorded on 11-23-1998 Reel and Frame number 1818/0965, recorded 11-23-1998 at Reel and Frame 1818/0965 and also recorded on 12-10-1998 at Reel and Frame 1825/0648.

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