

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4350278

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	MERGER		
EFFECTIVE DATE:	11/25/2014		
CONVEYING PARTY DATA			
Name			Execution Date
UV CORP.			11/24/2014
RECEIVING PARTY DATA			
Name:	TV GUIDE, INC.		
Street Address:	TWO CIRCLE STAR WAY		
City:	SAN CARLOS		
State/Country:	CALIFORNIA		
Postal Code:	94070		
PROPERTY NUMBERS Total: 1			
Property Type	Number		
Application Number:	15222727		
CORRESPONDENCE DATA			
Fax Number:	(617)235-9492		
<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:	6506174000		
Email:	USPatentMail@ropesgray.com		
Correspondent Name:	ROPES & GRAY LLP		
Address Line 1:	1900 UNIVERSITY AVENUE		
Address Line 2:	6TH FLOOR		
Address Line 4:	EAST PALO ALTO, CALIFORNIA 94303-2284		
ATTORNEY DOCKET NUMBER:	003597-0048-108		
NAME OF SUBMITTER:	PAMELA HARRISON		
SIGNATURE:	/Pamela Harrison/		
DATE SIGNED:	04/03/2017		
Total Attachments: 5			
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Delaware

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The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"UV CORP.", A DELAWARE CORPORATION,

WITH AND INTO "TV GUIDE, INC." UNDER THE NAME OF "TV GUIDE, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-FIFTH DAY OF NOVEMBER, A.D. 2014, AT 10:01 O'CLOCK A.M.

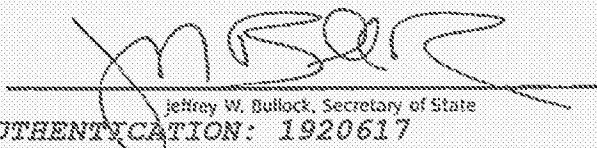
A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

2111536 8100M

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You may verify this certificate online
at ccrp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 1920617

DATE: 12-04-14

PATENT
REEL: 041831 FRAME: 0755

CERTIFICATE OF OWNERSHIP AND MERGER
MERGING

UV CORP.
a Delaware corporation

WITH AND INTO

TV GUIDE, INC.
a Delaware corporation

(Pursuant to Section 253 of the Delaware General Corporation Law)

TV Guide, Inc., a Delaware corporation (the "*Company*"), does hereby certify:

FIRST: That the Company was incorporated pursuant to the General Corporation Law of the State of Delaware on December 18, 1986.

SECOND: That the Company owns 100% of the outstanding shares of each class of the capital stock of UV Corp., a Delaware corporation (the "*Subsidiary*").

THIRD: That the Company, by the following resolutions of its Board of Directors, duly adopted on the 2nd day of November, 2014, determined to merge into itself the Subsidiary on the conditions set forth in such resolutions:

WHEREAS, the Company owns 100% of the issued and outstanding capital stock of UV Corp., its subsidiary (the "*Subsidiary*"), and it is deemed to be in the best interests of the Corporation to merge Subsidiary with and into the Company in a statutory short-form merger pursuant to the provisions of Section 253 of the Delaware General Corporation Law, wherein the Company will be the surviving corporation of such merger;

NOW, THEREFORE, BE IT RESOLVED, that the Subsidiary shall merge with and into the Company, with the Company being the surviving corporation of such merger and acquiring thereby all the assets and properties of the Subsidiary and assuming all of the liabilities and obligations of the Subsidiary;

RESOLVED FURTHER, that by virtue of the merger, and without any action on the part of the Company or Subsidiary, all of the issued and outstanding shares of capital stock of the Subsidiary immediately prior to the merger shall be cancelled;

RESOLVED FURTHER, that the merger shall have the effects set forth in the DGCL (including Section 259 thereof). Without limiting the generality of the foregoing, and subject thereto, at the effective time of the merger, (i) all the properties, rights, privileges, powers and franchises of the Subsidiary shall vest in

the Company, and all debts, liabilities and duties of the Subsidiary shall become the debts, liabilities and duties of the Company and (ii) all the patent assets owned by the Subsidiary (the "*Patent Assets*") are being transferred to, assigned to, and will become the property of the Company by way of the merger contemplated hereby such that, from and after the effectiveness of such merger, the Company will own all of the Patent Assets (and such transfer includes any and all rights in and arising from the Patent Assets including without limitation the right to sue and maintain currently pending lawsuits for damages, royalties, injunctive relief and other remedies for past, present or future infringement).

RESOLVED FURTHER, that the Company shall retain its own name as set forth in the Certificate of Ownership and Merger;

RESOLVED FURTHER, that the officers of the Company be, and each of them hereby is, authorized and directed to make, execute and cause to be filed a Certificate of Ownership and Merger setting forth a copy of the resolutions to merge the Subsidiary into the Company and the date of adoption thereof, attached hereto as EXHIBIT A, to be filed with the Secretary of State of the State of Delaware;

RESOLVED FURTHER, that the officers of the Company be, and each of them hereby is, authorized and directed, for and on behalf of the Company, to take such further actions and execute such documents as each may deem necessary or appropriate to carry out the purposes of the foregoing resolutions.

FOURTH: The Company shall be the surviving corporation.

FIFTH: TV Guide, Inc. shall be the name of the surviving corporation.

SIXTH: The Certificate of Incorporation of the Company, as now in force and effect, shall continue to be the certificate of incorporation of said surviving corporation.

SEVENTH: The Merger shall become effective on the date of filing of this Certificate of Ownership and Merger with the Secretary of State of the State of Delaware.

IN WITNESS WHEREOF, the Company has caused this Certificate of Ownership and Merger to be executed and acknowledged by the authorized officer set forth below on this 21 of November, 2014.

TV GUIDE, INC.

By: *Pamela Sergeeff*
Name: Pamela Sergeeff
Title: Authorized Officer

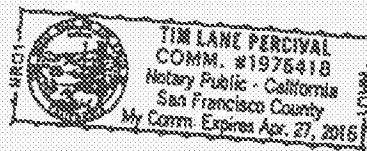
State of California
County of SANTA CLARA

On 11/24/2014 before me, TIM LANE PERCIVAL, Notary Public, personally appeared PAMELA SERGEEFF, who 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/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Tim Lane Percival* (Seal)



IN WITNESS WHEREOF, the Company has caused this Certificate of Ownership and Merger to be executed and acknowledged by the authorized officer set forth below on this 24 of November, 2014.

UV CORP.

By: Sandy Kalina

Name: Sandy Kalina

Title: Authorized Officer

State of California

County of SANTA CLARA

On 11/24/2014 before me, TIM LANE PERCIVAL, Notary Public, personally appeared SANDY KALINA, who 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/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: [Signature]

(Seal)

