

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HENRY C. YUEN	10/24/2003
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GEMSTAR DEVELOPMENT CORPORATION
<b>Street Address:</b>	TWO CIRCLE STAR WAY
<b>City:</b>	SAN CARLOS
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<b>Postal Code:</b>	94070
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15058878
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<b>ATTORNEY DOCKET NUMBER:</b>	004033-0093-110
<b>NAME OF SUBMITTER:</b>	CHRISTINE M. COLBERT
<b>SIGNATURE:</b>	/Christine M. Colbert/
<b>DATE SIGNED:</b>	03/02/2016
<b>Total Attachments: 2</b>	
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ASSIGNMENT

WHEREAS, I, HENRY C. YUEN, residing at P.O. Box 438, Pasadena, California 91102-0438, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled SEARCH ENGINE FOR VIDEO AND GRAPHICS, filed November 30, 1999, Application No. 09/452,287.

AND WHEREAS GEMSTAR DEVELOPMENT CORPORATION, a California, having a place of business at 6922 Hollywood Blvd, 12th Floor, Hollywood, California 90028 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and 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, I have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant and agree that I will communicate to ASSIGNEE any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 24 day of Oct, 2003.

Henry C. Yuen [Signature]

STATE OF California )
COUNTY OF Los Angeles )

On Oct. 24, 2003, before me [Signature] Notary Public, personally appeared Henry C. Yuen personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his

**ASSIGNMENT**

**Docket No. 36526/WWM/Y47**

**Sole**

authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

*Katherine L. Espinoza*  
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Signature of Notary

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