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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2884306

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONALD M. GRAY III	03/23/2001
ANAND VALAVI	03/21/2001
ROBERT G. ATKINSON	03/23/2001
TOM BLANK	03/21/2001

RECEIVING PARTY DATA

Name:	WEBTV NETWORKS, INC.
Street Address:	1065 LA AVENIDA AVENUE
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7388887

CORRESPONDENCE DATA

Fax Number: (801)328-1707

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.

Phone: (801) 533-9800 Email: reller@wnlaw.com **Correspondent Name:** RICK D. NYDEGGER

Address Line 1: 60 EAST SOUTH TEMPLE #1000 Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	14531.101.1
NAME OF SUBMITTER:	RICK D. NYDEGGER
SIGNATURE:	/Rick D. Nydegger 28651/
DATE SIGNED:	06/04/2014

Total Attachments: 3

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PATENT REEL: 033029 FRAME: 0469 502837710

PATENT APPLICATION
Docket No: 14531.101
Express Mailing Label No. EL 751 308 744 US

Workman, Nydegger & Seeley 1000 Eagle Gate Tower 60 East South Temple Salt Lake City, Utah 84111

ASSIGNMENT

WHEREAS, we, Donald M. Gray, III, Anand Valavi, Robert G. Atkinson, and Tom Blank (hereinafter referred to as ASSIGNORS), having post office addresses of 926 Sanchez Street, San Francisco, California 94114, 541 Del Medio Avenue, #114, Mountain View, California 94040, 17926 NE 196th Street, Woodinville, Washington 98072, and 5239 140th Avenue, Bellevue, Washington 98005, respectively, are the joint inventors of an invention entitled "METHODS AND SYSTEMS FOR DISTRIBUTING MULTIMEDIA DATA OVER HETEROGENEOUS NETWORKS," as described and claimed in the specification forming part of an application for United States letters patent executed concurrently herewith by us and now identified as File No. 14531.101 of the law firm of Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111.

WHEREAS, WebTV Networks, Inc., (hereinafter referred to as ASSIGNEE), a corporation of the State of California having a place of business at 1065 La Avenida Avenue, Mountain View, CA 94043, is desirous of acquiring the entire right, title, and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said invention, said application and any and all letter patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention, application, and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

Dated this 23 day of Murch, 2001.

	United States Citizen
Dated this 21 st day of MARCH	, 2001.
	Anund Valer
	Anand Valavi United States Citizen
Dated this day of	, 2001.
	Robert G. Atkinson Canadian Citizen
Dated this day of	, 2001.
	Tom Blank United States Citizen

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Donald	M. (Gray,	Ш
United S	State	es Cit	izen

Dated this day of	, 2001.
	Anand Valavi United States Citizen
Dated this 23 day of M	Robert G. Atkinson Canadian Citizen
Dated this 21 day of	March, 2001.
	Tom Blank

United States Citizen

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PATENT REEL: 033029 FRAME: 0472