(0)			
PORM PTO-1595 (Modified) Rev. 6-93)	REC DATION	N FORM COVER SHEET	U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0011 (exp.4/94) Copy_ght 1996 Legalsoft P08A/REV01	1988 P	01-24-2000	Patent and Trademark Office
Tab settings → → → Z.▼			▼
To the Honorable Compissi			original documents or copy thereof.
1 Name of conveying party(is Christopher M. White, Steve	es): en Waserman, and Lawrence .	10122 904 8	eceiving party(ies):
Kenyon	0 02 47	Name: WebTV Net	works, Inc.
γ	NAP 3-23-98	Address: 305 Lytto	n Avenue
Additional names(s) of conveying part	ty(ies) attached? 🔲 Yes 🛣 No	·	
3 Nature of conveyance:	· · · · · · · · · · · · · · · · · · ·		
Assignment	☐ Merger	The second secon	
☐ Security Agreement	☐ Change of Name	City: Palo Alto	State/Prov. California
_J Other		Country: USA	ZIP: 94301
Execution Date February 18	, 1998	Additional name(s) & addres	ss(es) attached? □ Yes 図 No
4. Application number(s) or re	aistration numbers (a):		
4. Application number(s) or re	gistration numbers(s). ed together with a new applic	ation, the execution date of t	the application is:
Patent Application No.	Filing date	B. Patent No.(S)
08/961,711	October 31, 1997		
	Additional numb	ers attached? 🔲 Yes 🕱 No	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: 1	
Name: Rick D. Nydegger		· · · · · · · · · · · · · · · · · · ·	
		7. Total fee (37 CFR 3	3.41): \$ <u>40.00</u>
- togiotion tio	Tanana	■ Enclosed	
Address: 1000 Eagle Gate	lowers		e charged to deposit account
60 East South Temple		- Authorized to be	e charged to deposit account
		8. Deposit account nu	mber:
City: Salt Lake City	State/Prov.: Utah		
Country: USA	ZIP: 84111	(Attach duplicate cop	by of this page if paying by deposit account)
	DO	NOT USE THIS SPACE	
PERTERN TRANSPORTER CONTRACTOR CO			
from the best of my knowledg of the original document.	ge and belief, he foregoing in	formation is true and correct	and any attached copy is a true copy
Rick D. Nydegger		uk N-Thereles	23 March 1998
Name of Person Sig		Signature	Date
	Total number of pages includ	ling cover speet, attachments, and do	cument: 4

PATENT REEL: 010336 FRAME: 0027

PATENT APPLICATION
Docket No: 14531.23

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

ASSIGNMENT

WHEREAS, we Christopher M. White, Steve Wasserman, and Lawrence A. Kenyon, (hereinafter referred to as ASSIGNORS), having post office addresses of 2400 Pacific Avenue, Apartment 709, San Francisco 94115, 115 Laurel Way, Mountain Vew, California 94040, 786 Steuben Drive, Sunnyvale, California 94087, respectively, are the joint inventors of an invention entitled "AUTOMATIC CHARACTERIZATION OF A TELEVISION SIGNAL," as described and claimed in the specification forming part of an application for United States letters patent heretofore executed and now identified as File No. 14531.23 of the law firm of Workman, Nydegger, and Seeley. 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84, 11, and filed in the United States Patent and Trademark Office as Serial No. 08/961,71 on October 31, 1997, using Express Mail Label No. EM441200461US.

WHEREAS, WebTV Networks, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of California having a place of business at 305 Lytton Avenue, Palo Alto, California 94301, 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 therefor 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 therefor.

> PATENT REEL: 010336 FRAME: 0028

		Christopher M. White
STATE OF CALIFORNIA)	•
COUNTY OF	.)	
known to me to be the person descri and acknowledged under oath before	bed and me that	before me personally appeared Chiestopher M. White, I who signed the foregoing Assignment in my presence the/she has read the same and know the contents thereof free act and deed and for the purposes set forth therein.
		NOTARY PUBLIC Residing at My Commission Expires:
		Steve Wasserman
STATE OF CALIFORNIA : ss.)	
COUNTY OF	.)	
acknowledged under oath before me	that he/	before me personally appeared Steve Waserman, known signed the foregoing Assignment in my presence and she has read the same and know the contents thereof and e act and deed and for the purposes set forth therein.
		NOTARY PUBLIC Residing at

Dated this 18 day of February, 1998.

2

My Commission Expires:

Lawrence A. Kenyon

STATE OF CALIFORNIA	
: ss.	
COUNTY OF	_)
known to me to be the person descriand acknowledged under oath before	_, 1998, before me personally appeared Lawrence A. Kenyon. ibed and who signed the foregoing Assignment in my presence me that he/she has read the same and know the contents thereof s his/her free act and deed and for the purposes set forth therein.
	NOTARY PUBLIC
	Residing at
	My Commission Expires:

G:\DATA\WPDOCSRN\MICROSOF\OTHERDOC\\0114AS11.68

RECORDED: 03/23/1998

3

PATENT REEL: 010336 FRAME: 0030