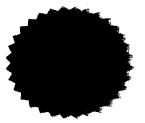
	FORM PTO-1595 I 1023821:	HEEL	Docket No. 57593
	To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy		
	Name of conveying part(ies):	2. Name and address of receiving party	(ies):
	Williams Communications, Inc.	Name: Williams Communications, L	LC
	3-4-03	Street Address: One Technology Cer Tulsa, OK 74103	nter
	Additional name(s) & address(es) attached? □ Yes ☑ No	Additional name(s) & address(es) attach	ed?
	3. Nature of Conveyance:	□ Yes ☒ No	
	□ Assignment □ Merger □ Security Agreement □ Change of Name □ Other:		į
	Execution Date: 12/07/2000		
	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:		
	A. Patent Application No.(s)	B. Patent No.(s). 6,415,289	
	Additional numbers attached? □ Yes ☑ No		
	5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents	involved: 1
	R. Alan Weeks; Reg. No. 36,050 Fellers, Snider, Blankenship, Bailey & Tippens, P.C. 321 S. Boston Ave., Suite 800 Tulsa, OK 74103-3318		
	7. Total fee (37 CFR 3.41) \$40.00	8. Deposit Account Number:	N
	☐ Enclosed ☑ Authorized to be charged to deposit account	06-0540 Any Deficiencies or Credit any (Attach duplicate copy of this page if pa Account)	
	DO NOT USE THIS SPACE		
03/06/2003 LINUELLER 00000003 060540 6415289 01 FC:8021 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of			
	To the best of my knowledge and better, the pregoting unormation is true tand correct and any attached copy is a true copy of the original document. R. Alan Weeks		

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "WILLIAMS COMMUNICATIONS, INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "WILLIAMS COMMUNICATIONS, INC." TO "WILLIAMS COMMUNICATIONS, LLC", FILED IN THIS OFFICE ON THE SEVENTH DAY OF DECEMBER, A.D. 2000, AT 5 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE FIRST DAY OF JANUARY, A.D. 2001.



Variet Smith Windson

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2269058

DATE: 02-21-03

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PATENT REEL: 013798 FRAME: 0743

STATE OF DELAWARE CERTIFICATE OF CONVERSION FROM A CORPORATION TO A LIMITED LIABILITY COMPANY PURSUANT TO SECTION 266 OF THE DELAWARE GENERAL CORPORATION LAW

- 1. The name of the corporation immediately prior to filing this Certificate is WILLIAMS COMMUNICATIONS, INC.
- 2. The date the Certificate of Incorporation was filed on is September 5, 1989.
- The original name of the corporation as set forth in the Certificate of Incorporation is NATIONAL VIDEO NETWORK, INC.
- 4. The name of the limited liability company as set forth in the formation is WILLIAMS COMMUNICATIONS, LLC
- 5. The conversion has been approved in accordance with the provisions of Section 266 of the Delaware General Corporation Law.
- 6. The effective date of this conversion shall be January 1, 2001.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Conversion of WILLIAMS COMMUNICATIONS, INC. this 7th day of December, 2000.

Loretta K. Roberts
Loretta K. Roberts, Assistant Secretary

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 05:00 PM 12/07/2000 001614264 - 2206783

PATENT REEL: 013798 FRAME: 0744



PAGE 2

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "WILLIAMS COMMUNICATIONS, LLC" FILED IN THIS OFFICE ON THE SEVENTH DAY OF DECEMBER, A.D. 2000, AT 5 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE FIRST DAY OF JANUARY, A.D. 2001.



Darriet Smith Hindson

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2269058

DATE: 02-21-03 PATEN

REEL: 013798 FRAME: 0745

2206783 8100V

030113493

CERTIFICATE OF FORMATION

OF

WILLIAMS COMMUNICATIONS, LLC

- 1. The name of the limited liability company is WILLIAMS COMMUNICATIONS, LLC
- 2. The address of its registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of its registered agent at such address is The Corporation Trust Company.
- 3. The effective date of the formation of this limited liability company shall be January 1, 2001.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Formation of WILLIAMS COMMUNICATIONS, LLC this 7th day of December, 2000.

Loretta K. Roberts
Loretta K. Roberts
Authorized Person

C:\TEMP\Certificate of Formation.doc

RECORDED: 02/27/2003

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 05:00 PM 12/07/2000 001614264 - 2206783

PATENT REEL: 013798 FRAME: 0746