

12-02-1998



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FORM PTO-1596  
1-31-92

Docket No.: 38074-021

To the Honorable Commiss.

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Y  
...ord the attached original documents or copy thereto:

MRD 11/18/98

1. Name of Conveying Parties:

Robert W. SCHUMANN, Michael BERGERON, Jo Janet MIKULA, Jack EHRHARDT, and Mark O. HARRISON, Sr.

Additional name(s) of conveying party(ies) attached?  Yes

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: October 29, November 2 and October 28, 1998

2. Name and address of receiving party:

Name: Digital Video Express, LP

Address: 570, Herndon Parkway

Herndon, Virginia 20170

Additional name(s) & address(es) attached?  Yes

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

09/092,897, filed June 8, 1998

B. Patent No(s).

Additional numbers attached?  Yes

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: MCDERMOTT, WILL & EMERY

Internal Address:

Street Address: 99 Canal Center Plaza, Suite 300

City: Alexandria State: VA Zip: 22314

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

500417

DO NOT USE THIS SPACE

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 the original document.*

Stephen A. Becker, 26527

November 18, 1998

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

11/27/1998 SBURNS 0000026 500417 09092897

SALE Ref 070026-0111-500417  
01 FC 581 40.07d

PATENT  
REEL: 9608 FRAME: 0860

**ASSIGNMENT**

**WHEREAS WE, Robert W. Schumann, Michael Bergeron, Jo Janet Mikula, Jack Ehrhardt and Mark O. Harrison, Sr. of Oakton, Virginia, Glen Allen, Virginia, Manquin, Virginia, Richmond, Virginia and Mechanicsville, Virginia, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled COMPRESSED VIDEO GRAPHIC SYSTEM AND METHODOLOGY, for which an application for United States Letters Patent was filed on June 8, 1998, and identified by United States Serial No. 09/092,897;**

**AND WHEREAS, Digital Video Express, LP, a corporation of the State of Delaware and having an address of 570 Herndon Parkway, Herndon, Virginia 20170 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;**

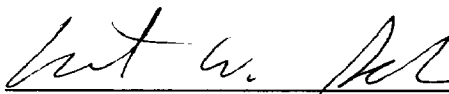
**NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Digital Video Express, LP, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;**

**UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;**

**AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Digital Video Express, LP, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.**

10/29/98

Date



Robert W. Schumann

11/2/98  
Date

Michael Bergeron  
Michael Bergeron

10/25/98  
Date

Jo Janet Mikula  
Jo Janet Mikula

10/28/98  
Date

Jack Ehrhardt  
Jack Ehrhardt

10/28/98  
Date

Mark O. Harrison, Sr.  
Mark O. Harrison, Sr.

STATE OF Virginia )  
COUNTY OF Fairfax ) SS:

On this 27<sup>th</sup> day of October, 1998, before me personally appeared Robert W. Schumann, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Joel R. Woodrup  
Notary Public

My commission expires 11-30-01

STATE OF Virginia )  
COUNTY OF Henrico ) SS:

On this 2nd day of November, 1998, before me personally appeared Michael Bergeron, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Elizabeth Bunnetta  
Notary Public

My commission expires May 31, 2002

STATE OF Virginia )  
COUNTY OF Henrico ) SS:

On this 28th day of October, 1998, before me personally appeared Jo Janet Mikula, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Elizabeth Burnette  
Notary Public

SEAL

My commission expires May 31, 2002

STATE OF Virginia )  
COUNTY OF Henrico ) SS:

On this 28th day of October, 1998 before me personally appeared Jack Ehrhardt, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Elizabeth Burnette  
Notary Public

SEAL

My commission expires May 31, 2002

STATE OF Virginia )  
COUNTY OF Henrico ) SS:

On this 28th day of October, 1998 before me personally appeared Mark O. Harrison, Sr., to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Elizabeth Burnette  
Notary Public

SEAL

My commission expires 5/31/02