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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

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| <b>1. Name of conveying party(ies)</b><br><br>David Moshe Goldschlag<br><br>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | <b>2. Name and address of receiving party(ies)</b><br>Name: _____<br>Internal Address: _____<br>Attn: Tax Department<br><br>Street Address: Digital Video Express, L.P.<br><br>City: Richmond<br>State: Virginia<br>Country: U.S.A. Zip: 23233<br><br>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |
| <b>3. Nature of conveyance/Execution Date(s):</b><br>Execution Date(s) 06/03/05<br><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger<br><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name<br><input type="checkbox"/> Joint Research Agreement<br><input type="checkbox"/> Government Interest Assignment<br><input type="checkbox"/> Executive Order 9424, Confirmatory License<br><input type="checkbox"/> Other _____ | <b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application.<br>A. Patent Application No.(s)<br>09/599,124<br>B. Patent No.(s)<br><br>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |
| <b>5. Name and address to whom correspondence concerning document should be mailed:</b><br>Name: David Grossman<br>Internal Address: _____<br>Street Address: 1408 Bayshire Lane<br>City: Herndon<br>State: Virginia Zip: 20170<br>Phone Number: (571) 323-0070<br>Fax Number: (571) 323-0071<br>Email Address: PTO@Patent-Services.com   | <b>6. Total number of applications and patents involved:</b> 1<br><br><b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$40.00</b><br><input type="checkbox"/> Authorized to be charged by credit card<br><input checked="" type="checkbox"/> Authorized to be charged to deposit account<br><input type="checkbox"/> Enclosed<br><input type="checkbox"/> None required (government interest not affecting title)<br><br><b>8. Payment Information</b><br>a. Credit Card Last 4 Numbers _____<br>Expiration Date _____<br><br>b. Deposit Account Number 50-1450<br>Authorized User Name David G. Grossman |

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| <b>9. Signature:</b> <br>Signature<br>David G. Grossman, No. 42,609<br>Name of Person Signing | 06/13/05<br>Date<br><br>Total number of pages including cover sheet, attachments, and documents: 2 |
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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 501450 09599124

Docket No.: 1999-31

## ASSIGNMENT OF APPLICATION

WHEREAS, David Moshe Goldschlag, hereinafter called the "Assignor," has invented a new and useful invention entitled Hierachical Key Management, for which an application for United States Letters Patent was filed on 06/22/2000, Application Number 09/599,124.

WHEREAS, Digital Video Express, L.P., of Richmond, Virginia, hereinafter called the "Assignee", having a business mailing address of: Digital Video Express, L.P., Attn: Tax Department, 9950 Mayland Drive, Richmond, VA 23233, is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignor from the said Assignee is hereby acknowledged, the said Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

And the said Assignor does hereby covenant and agree, for himself and his legal representatives, that he will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hands and affixed his seal.

Date: 6/3/05

 (Seal)  
David Moshe Goldschlag

WITNESSED:

Date: \_\_\_\_\_

Date: \_\_\_\_\_