



TO THE ASSISTANT COMMISSIONER FOR I

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Documents or copy thereof.

*6-17-02*

1. Name of conveying parties: (If multiple assignors, list numerically)

1) Chang-Su Kim; 2) Ioannis Katsavounidis

Additional name(s) of conveying party(ies) attached?  
( ) Yes (X) No

2. Name and address of receiving party(ies):

**Name:** Intervideo, Inc.  
**Internal Address:** same  
**Street Address:** 47350 Fremont Blvd.  
**City:** Fremont **State:** CA **ZIP:** 94538

Additional name(s) of receiving party(ies) attached?  
( ) Yes (X) No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) 1) May 24, 2002; 2) June 4, 2002

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

- Application(s) filed herewith Execution Date(s):
- Patent Application No.: 10/092,339  
Filing Date: March 5, 2002
- Patent No.:  
Issue Date:

Additional numbers attached? ( ) Yes (X) No

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

**Name:** Michael S. Okamoto  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
**Customer No.** 20,995  
**Internal Address:** Sixteenth Floor  
**Street Address:** 620 Newport Center Drive  
**City:** Newport Beach **State:** CA **ZIP:** 92660  
**Attorney's Docket No.:** INTV.015A

7. Total fee (37 CFR 1.21(h)): \$40

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Michael S. Okamoto  
Name of Person Signing

*Michael Okamoto*  
Signature

*June 13, 2002*  
Date

47,831  
Registration No.

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

06/18/2002 6TOM11 00000039 10092339  
01 FC:581 40.00 DP

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061202

U.S. Patent and Trademark Office  
Attn: Assignment Division  
Crystal Gateway-4  
1213 Jefferson Davis Highway, Suite 320  
Arlington, VA 22202

**ASSIGNMENT**

WHEREAS, We, Chang-Su Kim, a South Korea citizen, residing at WonHyo 1-4, YongSan-Ku, Seoul 151-742, South Korea, and Ioannis Katsavounidis, a Greek citizen, residing at 222 S. El Molino Ave. Apt. 7, Pasadena, California 91101, have invented certain new and useful improvements in a **SYSTEMS AND METHODS FOR DECODING REDUNDANT MOTION VECTORS IN COMPRESSED VIDEO BITSTREAMS** for which we have filed an application for Letters Patent in the United States with Application No. 10/092,339, filed on March 5, 2002;

AND WHEREAS, Intervideo, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 47350 Fremont Blvd., Fremont, California 94538, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 24 day of May, 2002.

Chang Su Kim  
Chang-Su Kim

Ro Bong Gyun  
Witness Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4<sup>th</sup> day of June, 2002.

I. Katsavounidis  
Ioannis Katsavounidis

STATE OF California }  
COUNTY OF Alameda } ss.

On June 4 2002 before me, BOR WUU LIN, personally appeared Ioannis Katsavounidis personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Bor Wu Lin  
Notary Signature

