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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Mark Fimoff
Jin H. Kim
Scott M. LoPresto

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name

Other _____

Execution date: December 15, 1999

2. Name and address of receiving party(ies)

Name: Zenith Electronics Corporation

Internal Address: Attention: Patent Department

Street Address: 1000 Milwaukee Avenue

City: Glenview State: IL Zip: 60025

Additional name(s) & address(es) attached? Yes No

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OFFICE OF FINANCE

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)

09/460,645

Additional numbers attached Yes No

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

Name: Zenith Electronics Corporation

Internal Address: Attn: Patent Department

03/13/2000 JSWBAZZ 00000190 260175 09460645

01 FC:581

(40.00 CH)

Street Address: 1000 Milwaukee Avenue

City: Glenview State: IL ZIP: 60025

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:

26-0175

(Attach duplicate copy of this page if paying by deposit account)

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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.

Jack Kail

Name of Person Signing

Jack Kail
Signature

February 4, 1999

Date

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:
Box Assignment
Commissioner of Patents and Trademarks
Washington, D.C. 20231

ASSIGNMENT

In Consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we:

MARK FIMOFF of HOFFMAN ESTATES, ILLINOIS
JIN H. KIM of GLENVIEW, ILLINOIS
SCOTT M. LOPRESTO of MT. PROSPECT, ILLINOIS

sell and assign to ZENITH ELECTRONICS CORPORATION, a corporation of Delaware whose principal place of business is located at 1000 Milwaukee Avenue, Glenview, Illinois 60025, United States of America, its successors and assigns, all right, title, and interest in the United States and throughout the world in and to the improvements in "DOWN CONVERTING MPEG ENCODED HIGH DEFINITION SEQUENCES TO LOWER RESOLUTION WITH REDUCED MEMORY IN DECODER LOOP" invented by us, and the application for United States Letters Patent therefor executed concurrently herewith, and any corresponding applications filed anywhere in the world, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents to issue all patents on said improvements or resulting therefrom to said Corporation as assignee of the entire interest, and covenant that we have full right so to do, and agree that we will communicate to said Corporation or its representatives any facts known to us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and generally do everything possible to aid said Corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries, and we authorize any of our principal attorneys of record in said application to insert on this assignment the filing date and serial number of said application, when known.

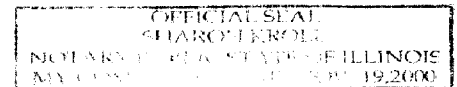
IN TESTIMONY WHEREOF, we have hereunto set our hands and seals this 15TH day of December, 1999.

Mark Fimoff
Jin H. Kim
Scott M. Lopresto

STATE of Illinois
COUNTY of Cook

On this 15 day of December, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Mark Fimoff, Jin H. Kim, and Scott M. LoPresto to me personally known as the individuals who executed the foregoing assignment, and who acknowledged to me that they executed the same of their own free will and for the purposes therein set forth.

Sharon Kroll



(SEAL)

The above assignment covers application Serial No. 09/460,645, filed December 15, 1999.

Jack Kail
Jack Kail
Registration No. 27,566