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FORM PTO-1595



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PATENTS ONLY

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Patent & Trademark

U.S. PTO
09/28/98
12/18/98

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

1. Name of conveying party(ies): SHIN-SU WANG ;
WEN-CHIN CHENG; AND
SHIH-HSUN LIN
Additional name(s) of conveying party(ies) attached: ___ Yes No

2. Name and address of receiving party(ies):
Name: UMAX DATA SYSTEMS INC.
Internal Address: _____

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: DEC. 2, 1998

Street Address: NO. 1-1, R&D RD. 2, SCIENCE-
BASED INDUSTRIAL PARK
City: HSINCHU State: _____ ZIP: _____
TAIWAN, R.O.C.
Additional name(s) & address(es) attached: ___ Yes No

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: DEC. 2, 1998.

A. Patent Application No(s).

B. Patent No(s).

12/17/1998 Pallen 00000031 09207615

02 FC:581

40.00 OP

Additional numbers attached? ___ Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: DOUGHERTY & TROXELL
Internal Address: BRUCE H. TROXELL
Street Address: 5203 LEESBURG PIKE,
SUITE 600
City: FALLS CHURCH State: VA ZIP: 22041

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41)-----\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number:
04-1447

(Attach 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.

BRUCE H. TROXELL

Name of Person Signing
Reg. No. 26,592

Signature

DEC. 9, 1998

Date

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

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

PATENT
REEL: 9664 FRAME: 0187

ASSIGNMENT

WHEREAS, I (we), WANG, SHIN-SU; CHENG, WEN-CHIN; LIN, SHIH-HSUN
whose post office addresses appear below, hereinafter referred to as ASSIGNOR, have invented certain new and useful
improvements in
METHOD FOR PROCESSING VIDEO SIGNALS AND APPARATUS THEREOF

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even date herewith

executed on:

filed on:

Serial No.:

established by PCT International Patent Application No.:

filed:

WHEREAS, UMAX DATA SYSTEMS INC.,

whose post office address is No. 1-1, R&D Rd. 2, Science-Based Industrial Park, Hsinchu,
Taiwan, R.O.C.
hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the
United States and throughout the world:

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR,
by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said
INVENTION and application throughout the United States of America, including any and all United States Letters Patent
granted on any division, continuation, continuation-in-part and refusal of said application; and the entire right, title and
interest in and to the said INVENTION throughout the world, including the right to apply for patents and inventor certificates
in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International
Convention and all other available international conventions and treaties; and the entire right, title and interest in and to
any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates
which may be granted throughout the world in respect of said INVENTION.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing,
prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United
States and in foreign countries for said INVENTION, including additional documents that may be required to affirm the rights
of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further
consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and
information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances
and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance
and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations
under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United
States Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same,
for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the
full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held
by ASSIGNOR had this assignment and sale not been made.

Assignor Name WANG, SHIN-SU	Address 11F, No. 175, Chien Kang Rd., Taipei, Taiwan, R.O.C.
Where Signed	
Date Dec. 2, 1998	Signature Wang, Shin-Su
(Notarization preferred but not required)	
ss.	
Before me personally appeared said _____ and acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 19____.	
_____ Notary Public	
My Commission Expires: _____	

ASSIGNMENT

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<i>Assignor Name</i> CHENG, WEN-CHIN	<i>Address</i> No. 21, Li Te St., KaChuang Li, YuanLi Town, MiaoLi, Taiwan, R.O.C.
<i>Where Signed</i>	
<i>Date</i> Dec. 2, 1998	<i>Signature</i>
(Notarization preferred but not required)	
ss. _____	
Before me personally appeared said _____ and acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 19____.	
_____ <i>Notary Public</i>	
My Commission Expires: _____	

<i>Assignor Name</i> LIN, SHIH-HSUN	<i>Address</i> No. 47, Fu Hsing Rd., TaoYuan City, TaoYuan Hsien, Taiwan, R.O.C.
<i>Where Signed</i>	
<i>Date</i> Dec. 2, 1998	<i>Signature</i>
(Notarization preferred but not required)	
ss. _____	
Before me personally appeared said _____ and acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 19____.	
_____ <i>Notary Public</i>	
My Commission Expires: _____	

<i>Assignor Name</i>	<i>Address</i>
<i>Where Signed</i>	
<i>Date</i>	<i>Signature</i>
(Notarization preferred but not required)	
ss. _____	
Before me personally appeared said _____ and acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 19____.	
_____ <i>Notary Public</i>	
My Commission Expires: _____	