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To the Honorable Commissioner of Patent 10071	
1. Name of conveying party(ies):	Name and address of receiving party(ies) Name: LANDMARK GRAPHICS CORPORATION
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	Internal Address:
3. Nature of conveyance:	
☐ Assignment ☐ Merger	Street Address: 15150 Memorial Drive
☐ Security Agreement ☐ Change of Name	
□ Other	City: Houston State: TX ZIP: 77079-
Execution Date: May 5, 1998	Additional name(s) & address(es) attached? ☐ Yes ☑ No
If this document is being filed together with a new application A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers a	ttached? ☐ Yes ☒ No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Bush, Riddle, & Jackson, L.L.P.	7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address:	☑ Enclosed
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Street Address: 950 Echo Lane, Suite 180	8. Deposit account number: 04-1252
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City: <u>Houston</u> State: <u>TX</u> ZIP: 77024 D5/14/1998 SSMITH 00000170 09073559 DO NOT US 1 FC+581 40.00 9P 9. Statement and signature.	04-1252 (Attach duplicate copy of this page if paying by deposit account)
City: Houston State: TX ZIP: 77024 5/14/1998 SSMITH 00000170 09073559 DO NOT US 1 FG:581 40.00 8P 9. Statement and signature. To the best of my knowledge and belief, the foregoting inform	04–1252 (Attach duplicate copy of this page if paying by deposit account) SE THIS SPACE

ASSIGNMENT

WHEREAS, I, IRA DAVID HALE am the inventor of METHOD FOR DATA COMPRESSION in an application for United States Letters Patent which is executed of even date herewith; and

WHEREAS, **LANDMARK GRAPHICS CORPORATION**, a corporation created and existing under and by virtue of the laws of the State of DELAWARE is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all letters patent of the united states and all other countries throughout the world;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid by LANDMARK GRAPHICS CORPORATION, and for other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign, transfer and set over to LANDMARK GRAPHICS CORPORATION, all right, title and interest in and to the said invention throughout the world, and said application for United States Letters Patent, and any and all divisions, continuations, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held an enjoyed by LANDMARK GRAPHICS CORPORATION, for its own use and behoof, and for the use and behoof of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

AND I hereby authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to LANDMARK GRAPHICS CORPORATION, as assignee of our entire interest, and hereby covenant that I have the full right to convey the entire interest assigned, and that I have not executed and will not execute any agreement in conflict herewith.

AND I further hereby covenant and agree that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to LANDMARK GRAPHICS CORPORATION, its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation applications, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

AND I do further covenant and agree that I will, at any time upon request, communicate to **LANDMARK GRAPHICS CORPORATION**, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to me, and testify as to the same in any interference or other litigation when requested to do so, without further compensation but at the expense of said assignee, it successors, or other legal representatives.

EXECUTED THIS 5/L day of	May , 1998.
IRA DAV	VID HALE
State Of Colorado § Stounty Of Arapahoe §	
BEFORE ME, the undersigned authority, on this day personally appeared, IRA DAVID HALE known to me to be the person whose name is subscribed to the foregoing nstrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed. GIVEN UNDER MY HAND and seal of office this	
My Com	mission Expires:
1	12/27/98

RECORDED: 05/06/1998

PATENT REEL: 9160 FRAME: 0636