FORM PTO-1595 1-31-92	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
	08-08-2001
To the Honorable Commissioner of Patents and Trademarks.	;hereof.
Name of conveying party(ies):	101804070 ving party(ies):
Ira David Hale \(\frac{\frac{3-27-6}}{3-27-6} \)	Name: Landmark Graphics Corporation
	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes Mo	
	County 15 County
	Street Address: 15150 Memorial Drive

	City Houston State TX ZIP 77079
	Additional name(s) & address(ex) attached?
3. Nature of Conveyance:	
Assignment	Alic o
Security Agreement Change of Name	[J] [] AUG -2 2001
Other Correction of ID# 101254154A	
Execution Date: March 23, 2001	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the e	execution date of this application is:
A. Patent Application No.(s) 09/818,220 Filed 03/27/01	B. Patent No.(s)
., .,	B. Patent No.(s)
A. Patent Application No.(s) 09/818,220 Filed 03/27/01 Additional numl	B. Patent No.(s)
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Additional numbers. Name and address of party to whom correspondence concerning document should be mailed:	B. Patent No.(s) bers attached? Yes No
Additional numbers. Name and address of party to whom correspondence concerning document should be mailed:	B. Patent No.(s) bers attached? Yes No
5. Name and address of party to whom correspondence concerning document should be mailed: Name:	B. Patent No.(s) bers attached? Yes No
Additional numbers of party to whom correspondence concerning document should be mailed: Name: Jeffrey C. Hood Internal Address: Conley, Rose & Tayon, P.C. Street Address: P.O. Box 398	B. Patent No.(s) bers attached? Yes No
Additional numbers of party to whom correspondence concerning document should be mailed: Name: Jeffrey C. Hood Internal Address: Conley, Rose & Tayon, P.C. Street Address: P.O. Box 398	B. Patent No.(s) bers attached? Yes No
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Additional numbers of party to whom correspondence concerning document should be mailed: Name: Jeffrey C. Hood Internal Address: Conley, Rose & Tayon, P.C. Street Address: P.O. Box 398 City Austin State TX ZIP 78767-0398	bers attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):
Additional numbers of party to whom correspondence concerning document should be mailed: Name: Jeffrey C. Hood Internal Address: Conley, Rose & Tayon, P.C. Street Address: P.O. Box 398 City Austin State TX ZIP 78767-0398 3/07/2001 6TON11	bers attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):
Additional numbers of party to whom correspondence concerning document should be mailed: Name: Jeffrey C. Hood Internal Address: Conley, Rose & Tayon, P.C. Street Address: P.O. Box 398 City Austin State TX ZIP 78767-0398 3/07/2001 6TON11	B. Patent No.(s) bers attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):
Additional numbers of party to whom correspondence concerning document should be mailed: Name: Jeffrey C. Hood Internal Address: Conley, Rose & Tayon, P.C. Street Address: P.O. Box 398 City Austin State TX ZIP 78767-0398 3/07/2001 GTOH11	B. Patent No.(s) bers attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):
Additional numbers of party to whom correspondence concerning document should be mailed: Name: Jeffrey C. Hood Internal Address: Conley, Rose & Tayon, P.C. Street Address: P.O. Box 398 City Austin State TX ZIP 78767-0398 3/07/2001 6TOH11	7. Total fee (37 CFR 3.41):
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Additional numbers of party to whom correspondence concerning document should be mailed: Name: Jeffrey C. Hood Internal Address: Conley, Rose & Tayon, P.C. Street Address: P.O. Box 398 City Austin State TX ZIP 78767-0398 JO7/2001 GTON11	bers attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):
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Additional numbers of party to whom correspondence concerning document should be mailed: Name: Jeffrey C. Hood Internal Address: Conley, Rose & Tayon, P.C. Street Address: P.O. Box 398 City Austin State TX ZIP 78767-0398 8/07/2001 6TDH11	bers attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):

PATENT REEL: 012039 FRAME: 0234

	4-19-2001		
FORM PTO-1595 1-31-92		U.S. DEPARTMEN Patent and Tra	
	4 44 444	HEET	
To the Honorable Commissioner of Patents a	1/01676360	cuments or copy thereof.	
, 1. Name of conveying party(ies):	2.	Name and address of receiving party(ies):	
Ira David Hale	Na	me: Landmark Graphics Corporation	822 822 701
Additional name(s) of conveying party(ies) attached? Y	Int	ternal Address:	25 E
, and the second			85 E
	Str	reet Address:15150 Memorial Drive	- Antonio Anto
9 /	27/11		
3/	27/01 -	ty Houston State TX ZIP	
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3. Nature of Conveyance:	Ad	Iditional name(s) & address(es) attached?	√o
Assignment			
Other			
Execution Date: March 23, 2001			
Application number(s) or patent number(s): If this document is being filed together with a new ap	nlication, the execution data o	f this application is:	
		nac.ic	270
A. Patent Application No.(s) 09/430,119 File	a 10/29/99	B. Patent No.(s)	
A	dditional numbers attached?	Yes No	
Name and address of party to whom correspondence			
concerning document should be mailed:	6.	Total number of applications and patents involved: 1	
Name: Jeffrey C. Hood			
Internal Address: Conley, Rose & Tayon, P.C.			
Street Address: P.O. Box 398			
City Austin State TX ZIP 78767-039		Total fee (37 CFR 3.41):\$ 40.00	
	/.	Enclosed	
		Authorized to be charged to deposit account	
	•	Deposit account number:501505/5460-00601/JCH Attach a duplicate copy of this page if paying by deposit acco	ount)
4/19/2001 TDIAZ1 00000019 501505 09818220		0.00	
1 FC:581 40.00 CH	DO NOT USE THI	IS SPACE	
9. Statement and Signature.			
To the best of my knowledge and belief, the foregoing		ct and any attached copy is a true copy of the original docu	nent.
Jeffrey C. Hood	THE VA	3/27/2001	
Name of Person Signing Reg. No. 35,198	Signature	Date	
		Total number of pages comprising coverages	er sheet:1
OMB No. 0651-011 (exp. 4/94)			

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN AND TRANSFER to LANDMARK GRAPHICS CORPORATION (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 15150 Memorial Drive., Houston, TX 77079-4304, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled METHOD FOR ALIGNING A LATTICE OF POINTS IN RESPONSE TO FEATURES IN A DIGITAL IMAGE, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assigns.

Page 1 of 2

(Signature) In Vaus Hole

Paul Ade Date: March 23, 2001

Name: Ira David Hale

Witness: Christine m Benity

Jeffrey C. Hood Conley, Rose & Tayon, P.C. P.O. Box 398 Austin, TX 78767-0398

PATENT REEL: 012039 FRAME: 0237