Form PTO-159 U.S. DEPARTMENT OF COMMERCE 08-27-1998 1-3-92 **ETTER** Patent and Trademark Office JUL 3 0 19**98** Attorney Docket No.: 71525-247302 100807064 istant Co. .ed original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Jae Hwal Yoo **Dataproducts Corporation** 1757 Tapo Canyon Road Simi Valley, California 93063 Additional name(s) of conveying party(ies) attached? ☐ Yes 🗵 No 3. Nature of conveyance: ☐ Merger ☐ Security Agreement ☐ Change of Name Additional name(s) & address(es) attached? □ Yes No ☐ Other _ Execution Date July 13, 1998 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. Pau it Application No.(s) 09/070,280 B. Patent No.(s) Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: [1] concerning document should be mailed: Paul G. Nagy, Esq. 7. Total fee (37 CFR 3.41).....\$ 40.00 PILLSBURY MADISON & SUTRO LLP 725 South Figueroa Street, Suite 1200 ⊠Enclosed Los Angeles, CA 90017-5443 □ Authorized to be charged to deposit account 8. Deposit account number: 16-1805 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and the attached is the original document. Date: July 27, 1998 Paul G. Nagy OMB No. 0651-0011 (exp. 4/94) JW#TKINS 00000060 Mail documents to be recorded with required cover sheet information to: 3 **Assistant Commissioner for Patents** 40.00 **Box Assignments** Washington, D.C. 20231

ASSIGNMENT

	Attorne	ey Docket No. 71525-247302	
(1-8) Insert Name(s) of Inventor(s)	(1) Jae-Hwal Yoo	(5)	
mvemor(s)	(2)	(6)	
	(3)	(7)	
	(4)	(8)	
	In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to		
(9) Insert name of Assignee	(9) DATAPRODUCTS CORPORATION		
(10) Insert state of Incorporation of Assignee	(10) California		
(11) Insert address of Assignee	(11) of 1757 Tapo Canyon Road, Simi Valley, CA 93063 (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as		
(12) Insert identification of Invention, such as Title, Case Number or Foreign Application Number	(12) HALF TONE IMAGE ENHANCEMENT FOR PRINTERS (Case No. 71525-247302) for which the undersigned has (have) executed an application for patent in the United States of America		
(13) Insert Date of Signing of Application	(13) on $\frac{7/(3/98}{}$		

- 1) The undersigned agree(s) to execute all papers necessary in connection with an application in each of the countries of Schedule A and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference

- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not execute, any agreement in conflict herewith.
- The undersigned hereby appoints Paul N. Kokulis, Reg. No. 16,773; Raymond F. Lippitt, Reg. No. 17,519; G. Lloyd Knight, Reg. No. 17,698; George M. Sirilla, Reg. No. 18,221; Carl G. Love, Reg. No. 18,781; Kevin E. Joyce, Reg. No. 20,508; Edgar H. Martin, Reg. No. 20,534; David W. Brinkman, Reg. No. 20,817; William K. West, Jr., Reg. No. 22,057; Edward M. Prince, Reg. No. 22,429; G. Paul Edgell, Reg. No. 24,238; Donald J. Bird, Reg. No. 25,323; Peter W. Gowdey, Reg. No. 25,872; W. Warren Taltavull, Reg. No. 26,647; Richard H. Zaitlen, Reg. No. 27,248; Glenn J. Perry, Reg. No. 28,458; Dale S. Lazar, Reg. No. 28,872; Kendrew H. Colton, Reg. No. 30,368; Mark G. Paulson, Reg. No. 30,793; Barry L. Grossman, Reg. No. 30,844; John P. Moran, Reg. No. 30,906; Paul E. White, Jr., Reg. No. 31,097; Roger R. Wise, Reg. No. 31,204; Stephen C. Glazier, Reg. No. 31,361; Paul F. McQuade, Reg. No. 31,542; Jeffrey A. Simenauer, Reg. No. 31,933; Michelle N. Lester, Reg. No. 32,331; David A. Jakopin, Reg. No. 32,995; Timothy J. Klima, Reg. No. 34,852; Paul H. Kovelman, Reg. No. 35,228; Lynn E. Eccleston, Reg. No. 35,861; Paul G. Nagy, Reg. No. 37,896; Steven W. Smyrski, Reg. No. 38,312; Stephen Bongini, Reg. No. 40,917; Richard K. Yoon, Reg. No. P42,247 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	7/13/98	Signature of Inventor	Jackelle
Date:	•	Signature of Inventor	
Date:		Signature of Inventor	
Date:		Signature of Inventor	

RECORDED: 07/30/1998

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