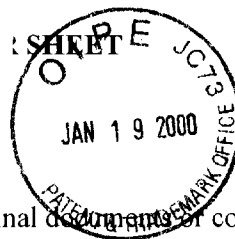


01-24-2000

Docket No. 35671/DBP/E43



101250205



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1. Name of conveying party(ies): Markus Szymaniak Additional name(s) of conveying party(ies) attached: No		2. Name and address of receiving party(ies): Name: GMD-Forschungszentrum Informationstechnik GmbH Street Address: Schloss Birlinghoven, 53757, Sankt Augustin, Germany			
3. Name of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: December 2, 1999		Additional name(s) & address(es) attached? 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: <table border="0"> <tr> <td style="vertical-align: top;"> A. Patent Application No.(s) 09/385,822 01/21/2000 HLE111 00000039 09385822 01 FC:581 </td> <td style="vertical-align: top;"> B. Patent No.(s) </td> </tr> </table> Additional numbers attached? No				A. Patent Application No.(s) 09/385,822 01/21/2000 HLE111 00000039 09385822 01 FC:581	B. Patent No.(s)
A. Patent Application No.(s) 09/385,822 01/21/2000 HLE111 00000039 09385822 01 FC:581	B. Patent No.(s)				
5. Please return the recorded document and address all correspondence to: CHRISTIE, PARKER & HALE, LLP P.O. Box 7068 Pasadena, CA 91109-7068 Attention: D. Bruce Prout		6. Total number of applications and patents involved..... 1			
10. <input type="checkbox"/> Explanatory letter is enclosed.		7. <input checked="" type="checkbox"/> Total fee enclosed (37 CFR 3.41): \$ 40.00 8. <input checked="" type="checkbox"/> Any deficiency or overpayment of fees should be charged or credited to Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account.			
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. Date: January 12, 2000 By: <u><i>D. Bruce Prout</i></u> Name: D. Bruce Prout 626/795-9900 I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231-9998 on: <u>January 12, 2000</u> Date: <u><i>Sergio F. Chacon, Jr.</i></u>					
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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) **Markus Szymaniak**

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) **GMD-Forschungszentrum Informationstechnik GmbH**

having a place of business at

(3) **Schloss Birlinghoven, 53757 Sankt Augustin**

(hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

(4) **METHOD AND APPARATUS FOR ELIMINATING UNWANTED STEPS AT EDGES IN GRAPHIC REPRESENTATIONS IN THE LINE RASTER**

which application was:

(a) executed by the undersigned on (5a): _____

(b) filed on (5b): August 30, 1999

and assigned Application No.: 09/385,822

including any and all United States Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said ASSIGNEE, its assigns or its successors in interest or its designee.

Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said ASSIGNEE, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining patent protection as provided herein.

INVENTOR(S)

SIGNATURE

DATE

Markus Szymaniak

x Markus Szymaniak

x 2.12.99

WITNESSES:

x Oliver Wittig

x Joel Kohnen