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ev. 10/02)		102526794	U.S. Patent and Trademark Office
To the Director of the I	IS Patent and Tra	demark Office. Please record the attache	d original documents or convithereof

M (R 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Stephen BARLOW ALPHAMOSAIC LIMITED Neil BAILEY Science Park, Milton Road Timothy RAMSDALE Cambridge CB4,0OW, United Kingdom David PLOWMAN Robert SWANN Additional name(s) of conveying party(ies) attached?

Yes 3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: August 4, 2003 and July 31, 2003 ☑ 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: A. Patent Application No.(s) B. Patent No.(s) 10/413,488 Not yet assigned Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): SUGHRUE MION, PLLC \$40.00 ☑ Enclosed. WASHINGTON OFFICE ☐ Authorized to be charged to Deposit Account No. 19-4880. 23373 The USPTO is directed and authorized to charge all required CUSTOMER NUMBER fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. 8. Deposit Account Number: 19-4880 (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 information is true and correct and any attached copy is a true copy of the original document. August 13, 2003 Alan J. Kasper Date Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet information to: MAIL STOP ASSIGNMENT RECORDATION SERVICES Director of the U.S. Patent and Trademark Office P.O. Box 1450

Alexandria, VA 22313-1450

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Assignment

Whereas, I/We, Stephen BARLOW, Neil BAILEY, Timothy RAMSDALE, David PLOWMAN, Robert SWANN of Cambridge CB3 0DW, United Kingdom, Cambridge CB4 9HY, United Kingdom, Cambridge CB4 2QW, United Kingdom, Essex CB10 1PL, United Kingdom, Cambridge CB3 0EQ, United Kingdom, respectively, hereinafter called assignor(s), have invented certain improvements in APPLICATION REGISTERS and executed an application for Letters Patent of the United States of America therefor on _; and Whereas, ALPHAMOSAIC LIMITED, Science Park, Milton Road, Cambridge CB4 00W, United Kingdom (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor; Now therefore, for valuable consideration, receipt whereof is hereby acknowledged, I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee. I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 10/413,488 and Confirmation number 2906, filed April 15, 2003) the application number and filing date of said application when known. Date: enhen BARLOW Date: Date:

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

s/Robert SWANN

RECORDED: 08/13/2003

Date:

PATENT REEL: 014378 FRAME: 0221