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PATENT

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| Correspondent | Name and Address Area Code and Telephone Number | (602) 382-6325 | | | |
| | Daniel R. Pote | | | | |
| Address (line 1) | SNELL & WILMER, L.L.P. | | | | |
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| Address (line 4) | Phoenix, Arizona 85004-2202 | | | | |
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| Daniel R. Pote, Reg | | 5/2002 | | | |
| Name of Pers | on Signature Signature | Date | | | |

PATENT REEL: 13612 FRAME: 0954

ASSIGNMENT

AND WHEREAS, MICRON TECHNOLOGY, INC. (hereinafter "ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the State of Delaware having its principal place of business and mailing address at 8000 South Federal Way, Boise, Idaho 83706-9632, is desirous of memorializing its interest therein;

NOW, THEREFORE, the undersigned ASSIGNOR hereby confirms that ASSIGNOR is a full time salaried employee of ASSIGNEE and that ASSIGNOR developed the subject matter of the invention on ASSIGNEE's time and at the expense of ASSIGNEE and within the scope of ASSIGNOR's duties as an employee of ASSIGNEE and thereby ASSIGNOR recognizes that the ASSIGNEE owns the invention as described in the aforesaid application. Nonetheless to comport with Patent and Trademark Office procedures, ASSIGNOR memorializes that relationship in the form of this assignment and;

THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the ASSIGNOR's full and exclusive right to the invention as described in the aforesaid application, in the United States and all foreign countries, together with any related applications or rights, including any provisional, nonprovisional, continuation, continuation-in-part, divisional, reissue, reexamination, foreign, PCT, or other patent application or like document or right, and any right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue any Letters Patent issuing from or claiming priority to said application to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND HEREBY AGREES to transfer a like interest upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements and applications for patents based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers deemed essential by ASSIGNEE, its successors, assigns and legal representatives, to ASSIGNEE's full protection and title in and to the invention hereby transferred,

S&W Docket No. 37829.1800 Micron Nos. 02-0177

> PATENT REEL: 13612 FRAME: 0955

AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

| EXECUTED as of the date written below by ASSIGNOR: | |
|--|----------------------------|
| Inventor: Douglas C Chambers | |
| Signature: Date: 12 | epozpoz |
| Residence address: 2699 D. Snow Couse Lay, Maril. W | |
| STATE OF Dolo) | |
| STATE OF) ss. COUNTY OF) | |
| On this day of Roman, 2002, before me, a notary public in county, appeared Douglas C. Chambers, who is known to me to be the same person is subscribed to the foregoing instrument, and s/he acknowledges that s/he signed delivered the said instrument as a free and voluntary act for the uses and purposes forth. (Seal) Notary Public | whose name , sealed and |
| | |

S&W Docket No. 37829.1800 Micron Nos. 02-0177

RECORDED: 12/18/2002

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