

# PATENT ASSIGNMENT

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| SUBMISSION TYPE:   | NEW ASSIGNMENT                            |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                                |
| <b>CONVEYING PARTY DATA</b>  |   |
| Name   | Execution Date                            |
| NeoMagic Corporation   | 04/06/2005                                |
| <b>RECEIVING PARTY DATA</b>  |   |
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| <b>PROPERTY NUMBERS Total: 5</b>   |   |
| Property Type  | Number                                    |
| Patent Number:   | RE39963                                   |
| Application Number:  | 11241903                                  |
| Application Number:  | 11267917                                  |
| Application Number:  | 12789856                                  |
| Application Number:  | 08238832                                  |
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**PATENT**  
**REEL: 024611 FRAME: 0444**

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Dean M. Munyon

**Total Attachments: 10**

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*Exhibit B*

## ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, **NeoMagic Corporation** having offices at 3250 Jay Street, Santa Clara, CA 95054 ("**Assignor**"), does hereby sell, assign, transfer and convey unto Faust Communications, LLC, with an office at 3225 McLeod Dr., Ste. 100, Las Vegas, NV 89121 ("**Assignee**") or its designees, all of Assignor's right, title and interest in and to the patent applications and patents listed below, any patents, registrations, or certificates of invention issuing on any patent applications listed below, the inventions disclosed in any of the foregoing, any and all counterpart United States, international and foreign patents, applications and certificates of invention based upon or covering any portion of the foregoing, and all reissues, re-examinations, divisionals, renewals, extensions, provisionals, continuations and continuations-in-part of any of the foregoing (collectively "**Patent Rights**");

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Filing Date</u> | <u>Title and Inventor(s)</u>   |
|----------------------------------|----------------|--------------------|--|
| US5506499                        | US             | June 5, 1995       | Multiple probing of an auxiliary test pad which allows for reliable bonding to a primary bonding pad<br><br>Puar; Deepraj S.                   |
| US5587672                        | US             | September 25, 1995 | Dynamic logic having power-down mode with periodic clock refresh for a low-power graphics controller<br><br>Ranganathan; Ravi Puar; Deepraj S. |
| US5615376                        | US             | August 3, 1994     | Clock management for power reduction in a video display sub-system<br><br>Ranganathan; Ravi  |
| US5754170                        | US             | January 16, 1996   | Transparent blocking of CRT refresh fetches during video overlay using dummy fetches<br><br>Ranganathan; Ravi                                  |
| US5757338                        | US             | August 21, 1996    | EMI reduction for a flat-panel display controller using horizontal-line based spread spectrum  |

*Exhibit B*

|           |    |                |   |
|-----------|----|----------------|---|
|           |    |                | Bassetti; Chester F. Pimpalkhare; Mangesh S. Dharmarajan; Krishnan C.   |
| US5764201 | US | April 22, 1996 | Multiplexed yuv-movie pixel path for driving dual displays<br><br>Ranganathan; Ravi   |
| US5781200 | US | August 8, 1996 | Tile memory mapping for increased throughput in a dual bank access DRAM<br><br>Lu; Hsuehchung Shelton Fan; Huei-Yi  |
| US5790083 | US | April 10, 1996 | Programmable burst of line-clock pulses during vertical retrace to reduce flicker and charge build-up on passive LCD display panels during simultaneous LCD and CRT display<br><br>Bassetti; Chester F. |
| US5805126 | US | May 8, 1996    | Display system with highly linear, flicker-free gray scales using high framecounts<br><br>Bassetti; Chester F.  |
| US5877780 | US | August 8, 1996 | Semiconductor chip having multiple independent memory sections, at least one of which includes simultaneously accessible arrays<br><br>Lu; Hsuehchung Shelton Rossman; Andrew LeNgoc; Dahn              |
| US5900887 | US | May 5, 1997    | Multiplexed wide interface to SGRAM on a graphics controller for complex-pattern fills without color and mask registers<br><br>Leung; Clement K. Ranganathan; Ravi                                      |

*Exhibit B*

|           |    |                    |   |
|-----------|----|--------------------|---|
| US5903480 | US | September 29, 1997 | Division-free phase-shift for digital-audio special effects<br><br>Lin; Tao   |
| US5907295 | US | August 4, 1997     | Audio sample-rate conversion using a linear-interpolation stage with a multi-tap low-pass filter requiring reduced coefficient storage<br><br>Lin; Ta   |
| US5929924 | US | March 10, 1997     | Portable PC simultaneously displaying on a flat-panel display and on an external NTSC/PAL TV using line buffer with variable horizontal-line rate during vertical blanking period<br><br>Chen; Andy His-Wen |
| US5936683 | US | September 29, 1997 | YUV-to-RGB conversion without multiplies using look-up tables and pre-clipping<br><br>Lin; Tao  |
| US5943382 | US | December 15, 1997  | Dual-loop spread-spectrum clock generator with master PLL and slave voltage-modulation-locked loop<br><br>Li; Hung-Sung Pimpalkhare; Mangesh S.   |
| US5970110 | US | January 9, 1998    | Precise, low-jitter fractional divider using counter of rotating clock phases<br><br>Li; Hung-Sung  |
| US6007228 | US | May 21, 1997       | Master digital mixer with digital-audio links to external audio in a docking station and to internal audio inside a portable PC<br><br>Agarwal; Suresh Dharmarajan;   |

*Exhibit B*

|           |    |                    |  |
|-----------|----|--------------------|--|
|           |    |                    | Krishnan C.  |
| US6016151 | US | September 12, 1997 | 3D triangle rendering by texture hardware and color software using simultaneous triangle-walking and interpolation for parallel operation<br><br>Lin; Tao                  |
| US6023745 | US | August 8, 1996     | Scoreboarding for DRAM access within a multi-array DRAM device using simultaneous activate and read/write accesses<br><br>Lu; Hsuehchung Shelton                           |
| US6043801 | US | October 28, 1997   | Display system with highly linear, flicker-free gray scales using high framecounts<br><br>Bassetti; Chester F.   |
| US6046735 | US | April 6, 1998      | EMI reduction for a flat-panel display controller using horizontal-line-based spread spectrum<br><br>Bassetti; Chester F. Pimpalkhare; Mangesh S. Dharmarajan; Krishnan C. |
| US6049316 | US | June 12, 1997      | PC with multiple video-display refresh-rate configurations using active and default registers<br><br>Nolan; Rebecca Tang; Richard X.                                       |
| US6057789 | US | October 29, 1998   | Re-synchronization of independently-clocked audio streams by dynamically switching among 3 ratios for sampling-rate-conversion<br><br>Lin; Tao                             |
| US6057809 | US | May 20, 1998       | Modulation of line-select times of individual rows of a flat-panel display for gray-scaling<br><br>Singhal; Dave M. Bassetti; Chester F.                                   |

*Exhibit B*

|           |    |                    |  |
|-----------|----|--------------------|--|
| US6072415 | US | October 29, 1998   | Multi-mode 8/9-bit DAC with variable input-precision and output range for VGA and NTSC outputs<br><br>Cheng; Yu-Chi  |
| US6078513 | US | August 16, 1999    | NMOS dynamic content-addressable-memory CAM cell with self-booting pass transistors and local row and column select<br><br>Ong; Adrian E. Puar; Deepraj S. |
| US6091386 | US | June 23, 1998      | Extended frame-rate acceleration with gray-scaling for multi-virtual-segment flat-panel displays<br><br>Lin; Tao   |
| US6101620 | US | July 18, 1997      | Testable interleaved dual-DRAM architecture for a video memory controller with split internal/external memory<br><br>Ranganathan; Ravi                     |
| US6104658 | US | September 29, 1998 | Distributed DRAM refreshing<br><br>Lu; Hsuehchung Shelton  |
| US6157978 | US | January 6, 1999    | Multimedia round-robin arbitration with phantom slots for super-priority real-time agent<br><br>Ng; David Way Mathur; Harish Narian                        |
| US6184894 | US | January 29, 1999   | Adaptive tri-linear interpolation for use when switching to a new level-of-detail map<br><br>Rosman; Andrew Pimpalkhare; Mangesh S.                        |
| US6188411 | US | July 2, 1998       | Closed-loop reading of index registers using wide read and narrow write for multi-threaded system  |

*Exhibit B*

|           |    |                    |   |
|-----------|----|--------------------|---|
|           |    |                    | Lai; Michael Man Lok  |
| US6188594 | US | June 9, 1999       | Reduced-pitch 6-transistor NMOS content-addressable-memory cell<br>Ong; Adrian E.   |
| US6189082 | US | January 29, 1999   | Burst access of registers at non-consecutive addresses using a mapping control word<br>Ramamurthy; Sriram   |
| US6205524 | US | September 16, 1998 | Multimedia arbiter and method using fixed round-robin slots for real-time agents and a timed priority slot for non-real-time agents<br>Ng; David Way                                  |
| US6222550 | US | December 17, 1998  | Multiple triangle pixel-pipelines with span-range pixel interlock for processing separate non-overlapping triangles for super-scalar 3D graphics engine<br>Rosman; Andrew Li; Ming-Ju |
| US6230235 | US | September 29, 1998 | Address lookup DRAM aging<br>Lu; Hsuehchung Shelton Keene; David  |
| US6236347 | US | March 31, 2000     | Dual-mode graphics DAC with variable 8/9-bit input-precision for VGA and NTSC outputs<br>Cheng; Yu-Chi  |
| US6252919 | US | December 17, 1998  | Re-synchronization of independently-clocked audio streams by fading-in with a fractional sample over multiple periods for sample-rate conversion<br>Lin; Tao                          |
| US6260054 | US | October 29, 1998   | Reciprocal generator using piecewise-linear segments of varying   |



*Exhibit B*

|           |    |                    |   |
|-----------|----|--------------------|---|
|           |    |                    | width with floating-point format<br>Rosman; Andrew Lin; Tao   |
| US6272283 | US | April 22, 1998     | Copy-protection for laptop PC by disabling TV-out while viewing protected video on PC display<br>Nguyen; Thu N.   |
| US6295068 | US | April 6, 1999      | Advanced graphics port (AGP) display driver with restricted execute mode for transparently transferring textures to a local texture cache<br>Peddada; Vijay Ranade; Shreekanth M. |
| US6308220 | US | January 29, 1999   | Circulating parallel-search engine with random inputs for network routing table stored in a wide embedded DRAM<br>Mathur; Harish N.   |
| US6374148 | US | October 13, 1999   | Portable-PC audio system with digital-audio links to external audio in a docking station<br>Dharmarajan; Krishnan C. Agarwal; Suresh  |
| US6421466 | US | September 29, 1999 | Hierarchical motion estimation with levels of varying bit width for digital video compression<br>Lin; Tao   |
| US6424658 | US | February 17, 1999  | Store-and-forward network switch using an embedded DRAM<br>Mathur; Harish N.  |
| US6433789 | US | February 18, 2000  | Steaming prefetching texture cache for level of detail maps in a 3D-graphics engine<br>Rosman; Andrew   |

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|           |    |                   |   |
|-----------|----|-------------------|---|
| US6473529 | US | November 3, 1999  | Sum-of-absolute-difference calculator for motion estimation using inversion and carry compensation with full and half-adders<br><br>Lin; Tao                                |
| US6501482 | US | October 11, 2000  | Texture map blender with adaptive interpolation when switching to a new level-of-detail map<br><br>Rosman; Andrew Pimpalkhare; Mangesh S.                                   |
| US6564329 | US | March 16, 1999    | System and method for dynamic clock generation<br><br>Cheung; Edmund Sponring; Otto   |
| US6591286 | US | January 18, 2002  | Pipelined carry-lookahead generation for a fast incrementer<br><br>Lu; Wei-Ping   |
| US6628330 | US | November 3, 1999  | Color interpolator and horizontal/vertical edge enhancer using two line buffer and alternating even/odd filters for digital camera<br><br>Lin; Tao                          |
| US6642962 | US | September 1, 1999 | Merged pipeline for color interpolation and edge enhancement of digital images<br><br>Lin; Tao Yu; Vincent Chor-Fung Tang; Tianhua Hwang; Beong-Kwon                        |
| US6680738 | US | February 22, 2002 | Single-block virtual frame buffer translated to multiple physical blocks for multi-block display refresh generator<br><br>Ishii; Takatoshi Cheung; Edmund Brannon; Sherwood |
| US6721000 | US | February 23, 2000 | Adaptive pixel-level color enhancement for a digital camera   |

Exhibit B

|           |    |                   |  |
|-----------|----|-------------------|--|
|           |    |                   | Lin; Tao Tang; Tianhua   |
| US6741257 | US | January 20, 2003  | Graphics engine command FIFO for programming multiple registers using a mapping index with register offsets<br><br>Retika; John Y. |
| US6791576 | US | February 23, 2000 | Gamma correction using double mapping with ratiometrically-related segments of two different ratios<br><br>Lin; Tao                |

Assignor further agrees to and hereby does sell, assign, transfer and convey unto Assignee all rights: (i) in and to causes of action and enforcement rights for the Patent Rights including all rights to pursue damages, injunctive relief and other remedies for past and future infringement of the Patent Rights, and (ii) to apply in any or all countries of the world for patents, certificates of invention or other governmental grants for the Patent Rights, including without limitation under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding. Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor warrants to Assignee that (i) Assignor has the right and authority to enter into this assignment of patent rights and to carry out its obligations hereunder; (ii) Assignor has good and marketable title to the Patent Rights, including without limitation all rights, title, and interest in the Patent Rights to sue for infringement thereof; and (iii) the Patent Rights are free and clear of all liens, mortgages, security interests or other encumbrances, and restrictions on transfer.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Santa Clara, CA

on April 6, 2005.

ASSIGNOR

By: Scott Sullinger  
Name: Scott Sullinger  
Title: CFO

## CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

STATE OF CALIFORNIA  
COUNTY OF SANTA CLARA ss.

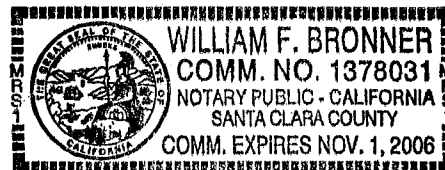
On this 6 of APRIL 2005, before me, WILLIAM F. BRONNER Notary Public,

Personally appeared SCOTT SOLLINGER

☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the person/~~s~~ whose name ~~/s~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity/ies, and that by his/~~her/their~~ signature/~~s~~ on the instrument the person ~~/s~~ or the entity upon behalf of which the person ~~/s~~ acted, executed the instrument.

WITNESS my hand and official seal.

Signature William F. Bronner



WILLIAM F. BRONNER NOTARY  
Notary Public in and for the State of California  
Commission # 1378031 Expiration Nov 1, 2006

Document Name ASSIGNMENT OF Number of Signers 1 SD Patent Assigned  
PATENTS - US 5506499 TO FAUST COMMUNICATION