# RECORDATION FORM COVER SHEET
# PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent And Trademark Office

To the Honorable Commissioner For Patents: Please record the attached original documents or copy thereof:

1. Name of conveying party(ies):

JP Morgan Chase Bank, N.A. (formerly The Chase Manhattan Bank)

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Lexar Media, Inc.

Internal Address:

Street Address: 47421 Bayside Parkway

City: Fremont

State: CA Zip: 94538

Additional name(s) & address(es) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

☐ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☒ Other: Release of Security Interest

Execution Date: May 12, 2006

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):

See attached

B. Patent No.(s):

See attached

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John T. McNelis

Internal Address: Fenwick & West LLP

Street Address: Silicon Valley Center
801 California Street

City: Mountain View State: CA Zip Code: 94041

6. Total number of applications and patents involved: 58

7. Total fee (37 CFR 3.41): $2,320.00

☐ Check Enclosed

☐ Fee Transmittal Enclosed

☒ Charge the indicated fees to the below mentioned deposit account.

8. Deposit Account No.: 19-2555

CH $1800.00 192555 09520605

**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.*

John T. McNelis, Reg. No. 37,186
Name of Person Signing

Signature

12 May 2006
Date

Total number of pages including cover sheet, attachments, documents: 21

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.

Case Docket No.: 21165-00023

RECORDATION FORM COVER SHEET
**PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE
U.S. Patent And Trademark Office

To the Honorable Commissioner For Patents: Please record the attached original documents or copy thereof:

**Name of Conveying party (ies):**
JP Morgan Chase Bank, N.A. (formerly The Chase Manhattan Bank)

**Name and Addresses of receiving party(ies):**
Lexar Media, Inc.
47421 Bayside Parkway
Fremont, CA 94538

**Nature of Conveyance:**
Release of Security Interest

**Application Numbers:**

Issued Patents:
5,388,083
5,479,638
5,485,595
5,596,526
5,606,660
5,818,350
5,818,781
5,835,935
5,838,614
5,845,313
5,907,856
5,924,113
5,928,370
5,930,815
5,953,737
6,018,265
6,034,897
6,040,997
6,041,001
6,076,137
6,081,878
6,084,483
6,115,785
6,122,195
6,125,435
6,128,695
6,145,051
6,182,162
6,202,138
6,374,337
6,385,667
6,411,546

# Continued

RECORDATION FORM COVER SHEET
**PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE
U.S. Patent And Trademark Office

To the Honorable Commissioner For Patents: Please record the attached original documents or copy thereof:

**Name of Conveying party (ies):**
JP Morgan Chase Bank, N.A. (formerly The Chase Manhattan Bank)

**Name and Addresses of receiving party(ies):**
Lexar Media, Inc.
47421 Bayside Parkway
Fremont, CA 94538

**Nature of Conveyance:**
Release of Security Interest

Pending Applications:
09/520,905
09/565,517 now issued as 6,411,546
08/988,844 now issued as 6,076,137
09/264,340 now issued as 6,145,051
09/156,951 now issued as 6,128,695
60/108,872
09/440,986 now issued as 6,374,337
08/976,557 now issued as 6,125,435
09/030,697 now issued as 6,081,878
09/487,865 now issued as 6,202,138
09/311,202
09/311,045 now issued as 6,115,785
09/265,192 now issued as 6,084,483
09/330,278 now issued as 6,122,195
60/146,451
09/034,173 now issued as 6,182,162
09/234,430 now issued as 6,385,667

Foreign Applications:
PCT/US98/06335
PCT/US96/05107
PCT/US98/21107
PCT/US98/25342
PCT/US98/26307
PCT/US98/04247
PCT/US99/15259
PCT/US99/04634
PCT/US99/04633

# RELEASE OF SECURITY INTEREST AGREEMENT

This Release of Security Interest Agreement ("***Agreement***") is made and entered into as of the date set forth below between Lexar Media, Inc. ("**Lexar**") and JPMorgan Chase Bank, N.A. (formerly known as The Chase Manhattan Bank) (the "**Bank**"). Lexar and the Bank are sometimes referred to in this Agreement, individually, as a "party" and, collectively, as the "parties."

## RECITALS

A. Lexar, as Borrower, and the Bank, as Administrative Agent, entered into a Guarantee and Collateral Agreement dated June 30, 2000 ("**Collateral Agreement**").

B. The parties now wish to terminate and release any and all security interests to any of Lexar's intangible property and intellectual property granted pursuant to the Collateral Agreement.

NOW THEREFORE, in consideration of the mutual covenants set forth herein, the parties hereby agree as follows:

1. Termination and Release of Security Interest. The parties agree and acknowledge that the Bank no longer claims and hereby terminates any and all security interests it had or may have had in any of Lexar's intangible property or intellectual property granted pursuant to the Collateral Agreement, including without limitation, the intangible property and intellectual property set forth in **Exhibit A**. Without limiting the generality of the preceding sentence, the Bank hereby terminates any and all security interests in the patents and patent applications listed in **Exhibit A** to this Agreement ("Exhibit A Patents") in addition to (a) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (b) all patents (including reissues and re-examinations) which may be granted on the Exhibit A Patents and the applications set forth in (a) above; and (c) all right of priority in the Exhibit A Patents and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

2. General Provisions. On a continuing basis, each party shall take any and all such reasonable action (including, without limitation, execution of agreements, affidavits or other documents) at the expense of the Borrower to give effect to, perfect or carry out the intent and purpose of the parties as specified in this Agreement. This Agreement will bind and inure to the benefit of each Party's permitted successors and assigns. Neither party may assign this Agreement, in whole or in part, without the other party's prior written consent. Any attempt to assign this Agreement in violation of this Section will be null and void. This Agreement will be governed by and construed in accordance with the substantive laws of the State of New York without regard to or application of provisions relating to conflicts of law. The captions to sections of this Agreement have been inserted for identification and reference purposes only and

shall not be used to construe or interpret this Agreement. This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. This Agreement constitutes the complete and entire agreement and understanding between the parties and supersedes all prior and contemporaneous agreements, understandings and memoranda, written or oral, between the parties concerning the subject matter hereof. No amendments or supplements to this Agreement will be effective for any purpose except by a written agreement signed by both parties. If any provision of this Agreement is found invalid or unenforceable, that provision will be enforced to the maximum extent permissible so as to effect the intent of the parties and the remainder of this Agreement will remain in full force and effect, provided however, that if the invalidation or unenforceability of a provision frustrates the intent of the parties, the parties shall take any and all reasonable further action (at Borrower's expense) to carry out the intent of the parties and purposes of this Agreement. Failure by either party, at any time, to require performance by the other party or to claim a breach of any provision of this Agreement will not be construed as a waiver of any right accruing under this Agreement, nor will it affect any breach or the effectiveness of this Agreement or any part hereof, or prejudice either party with respect to any action. A waiver of any right accruing to either party pursuant to this Agreement will not be effective unless given in writing. Each Party hereby waives, to the fullest extent permitted by applicable law, any right it may have to a trial by jury in any legal proceeding directly or indirectly arising out of or relating to this Agreement.

IN WITNESS WHEREOF, Lexar and the Bank have caused this Release of Security Interest Agreement to be executed by their duly authorized representatives and to be effective as of the date last entered below (the "***Effective Date***").

LEXAR MEDIA, INC.

By: _____

Title: CFO

Date: 5-12-06

JPMORGAN CHASE BANK, N.A.

Name: _____

Title: Tracey Navin Ewing
Vice President

Date: _____

# Exhibit A

## COPYRIGHTS

The Company has no registered copyrights

## PATENTS

The Company has supplementally provided schedules listing the Company's patents and patent applications as of June 21, 2000. Such schedules are hereby incorporated by reference herein.

## TRADEMARKS AND TRADENAMES

**Japan Pending Applications:**

1. Japan – JUMPSHOT (App. No. 11-87713) in Class 9 filed 9/27/99
2. Japan – JUMPSHOT & DESIGN (App. No. 11-87714) in Class 9 filed 9/27/99
3. Japan – LEXAR MEDIA & DESIGN (App. No. 11-5289) in Class 9 filed 1/21/99

**United States Pending Applications and Registration:**

1. MICELLANEOUS DESIGN (FILM LOGO) (Reg. No. 2,273,926) Registered
2. LEXAR MEDIA & DESIGN (Reg. No. 2,295,266) Registered
3. LEXAR MEDIA & DESIGN (Ser. No. 75/622,308) Pending
4. JUMPSHOT & DESIGN (Ser. No. 75/791,829) Pending
5. JUMPSHOT (Ser. No. 75/738,455) Pending
6. DIGITAL PHOTO FINISHER (Ser. No. 75/497,377) Pending

## LICENSES

1. Lexar entered into a Software Assignment Agreement with Cirrus Logic ("Cirrus") dated as of December 9, 1996 pursuant to which Lexar agreed to assign certain software to the Company and pay administrative fees to Lexar for such assignment.

2. Lexar entered a Software License Agreement and a Software Maintenance Agreement with Cadence Design Systems on October 22, 1996. Lexar also entered into an Electronic Transmission Agreement with Cadence on December 30, 1999. These Agreements automatically renew for 1-year terms unless terminated by either party with 30 days written notice. /d/

3. Lexar entered into a Development License Agreement with Hitachi Ltd., a Japanese corporation dated as of November 7, 1996 for the term of five years.

4. Lexar entered into a License and Sublicense Agreement with CompactFlash Association, a California non-profit corporation dated as of October 7, 1997.

5. Lexar entered into a Cross License Agreement dated as of September 18, 1996 with Cirrus Logic, Inc. and Cirrus Logic International, Ltd. (the Cirrus Agreement). Pursuant to the Cirrus Agreement, Lexar granted a license to the patents acquired from the Cirrus Logic Entities back to the Cirrus Logic Entities. In addition, the Cirrus Logic Entities granted Lexar a worldwide, perpetual, non-exclusive, royalty-free license with the right to sublicense with respect to certain Cirrus patents to Flash Memory Products (as defined therein). Except with respect to Flash Memory Products, Lexar and each of its Affiliates agree that they will not for a period of four years from the Effective Date utilize any of the Transferred Patents in connection with the design, manufacture, use or sale of any products which are or compete with magnetic or CDROM storage applications.

6. Lexar entered into a Software Licensing Agreement with Arcsoft on December 8, 1996. Either party has the right to terminate this Agreement immediately, upon notice of the other.

7. Lexar entered into a Software Maintenance Agreement with Viewlogic Systems, Inc. dated as of June 30, 1998 for the term of one year and automatically renews for one year periods.

8. Lexar entered into a Software License Agreement with Sterling Commerce dated February 17, 1999. The term of this agreement shall automatically renew on an annual basis unless terminated.

9. Lexar entered into an Intellectual Property Licensing Agreement with Stargate Solutions, Inc. on August 4, 1999. The term of this agreement shall automatically renew on an annual basis unless terminated.

10. Lexar entered into a Development Agreement with Stargate Solutions, Inc. on February 22, 1999. Lexar may terminate this Agreement at any time, upon 15 days written notice.

11. Lexar entered into a SONY Technology License Agreement and a Lexar Technology License Agreement with SONY Corporation on March 21, 2000. The term of these Agreements runs indefinitely.

LEXAR Media

# Patent

## Status Report

As of 6/15/00

| Case Number | Country | SubCase | Status | Appl Number | Filing Date | Patent # | Issue Date |
|---|---|---|---|---|---|---|---|
| 38979-0001 | US | | Allowed | 08/988,644 | 12/11/97 | | |
| Title: A Method and Apparatus for Storing Location Identification Information within Non-Volatile Memory Devices | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0001 CPA | US | | Filed | | 5/26/00 | | |
| Title: A Method and Apparatus for Storing Location Identification Information within Non-Volatile Memory Devices | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0002 | US | | Granted | 08/509,706 | 7/31/95 | 5,845,313 | 12/1/98 |
| Title: Direct Logical Block Addressing Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0003 | US | 1 | Granted | 08/748,867 | 11/13/96 | 5,818,781 | 10/6/98 |
| Title: Automatic Voltage Detection in Multiple Voltage Applications | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0003EP | European Patent Off. | | Pending | 96941337.6 | 11/13/96 | | |
| Title: Automatic Voltage Detection in Multiple Voltage Applications | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0003JP | Japan | | Pending | 520505/97 | 11/13/96 | | |
| Title: Automatic Voltage Detection in Multiple Voltage Applications | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0010US | US | | Granted | 08/527,484 | 9/13/95 | 5,835,935 | 11/10/98 |
| Title: Method of An Architecture for Controlling System Data with Automatic Wear Leveling in a Semiconductor Non-Volatile Mass Storage Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0010JP | Japan | | Pending | 512147/97 | 9/12/96 | | |
| Title: Method of An Architecture for Controlling System Data with Automatic Wear Leveling in a Semiconductor Non-Volatile Mass Storage Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |

LEXAR Media

# Patent
## Status Report
As of 6/15/00

| Case Number | Country | SubCase | Status | Appl Number | Filing Date | Patent # | Issue Date |
|---|---|---|---|---|---|---|---|
| 38979-0011US | US | | Granted | 08/831,266 | 3/31/97 | 5,907,856 | 5/25/99 |
| Title: Moving Sectors within a Block of Information in a Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0011C1 | US | C1 | Pending | 09/264,340 | 3/8/99 | | |
| Title: Moving Sectors within a Block of Information in a Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0011PCT | Patent Cooperation Treaty | | Published | US98/06335 | 3/31/98 | | |
| Title: Moving Sectors within a Block of Information in a Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0011EP | Europe | | Pending | 98914371.4 | 10/28/99 | | |
| Title: Moving Sectors within a Block of Information in a Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0011KR | Korea | | Pending | 10-1999-7008868 | 9/29/99 | | |
| Title: Moving Sectors within a Block of Information in a Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0011JP | Japan | | Pending | 10-541928 | 10/22/99; Intl 3/31/98 | | |
| Title: Moving Sectors within a Block of Information in a Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0014 | US | | Granted | 08/858,847 | 5/19/97 | 5,838,614 | 11/17/98 |
| Title: Identification and Verification of a Sector within a Block of Mass Storage Flash Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |

LEXAR Media

# Patent
## Status Report
As of 6/15/00

| Case Number | Country | SubCase | Status | Appl Number | Filing Date | Patent # | Issue Date |
|---|---|---|---|---|---|---|---|
| 38979-0014B | US | Con | Allowed | 09/158,951 | 9/18/98 | | |
| Title: Identification and Verification of a Sector within a Block of Mass Storage Flash Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38797-14CPA | US | | | | | | |
| Title: Identification and Verification of a Sector Within a Block of Mass Storage Flash Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0017CA | Canada | | Pending | 2,161,315 | 3/23/94 | | |
| Title: Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0019 | US | | Granted | 08/037,893 | 3/26/93 | 5,479,638 | 12/26/95 |
| Title: Flash Memory Mass Storage Architecture Incorporating Wear Leveling Techniques | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0021CA | Canada | | Pending | 2,161,344 | 3/23/94 | | |
| Title: Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0022EP | European Patent Off | | Pending | 94912854.0 | 3/23/94 | | |
| Title: Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0023 | US | | Granted | 08/131,495 | 10/4/93 | 5,485,595 | 1/16/96 |
| Title: Flash Memory Mass Storage Architecture Incorporating Wear Leveling Technique Without Using CAM Cells | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0025EP | European Patent Off | | Pending | 94926189.3 | 9/23/94 | | |
| Title: Flash Memory Mass Storage Architecture Using Less Data Storage | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0027 | US | | Granted | 08/328,884 | 10/21/94 | 5,606,660 | 2/25/97 |
| Title: Method and Apparatus for Combining Controller Firmware Storage and Controller Logic in a Mass Storage System | | | | | | | |
| Remarks: [redacted] | | | | | | | |

[redacted]

LEXAR Media

# Patent
## Status Report
As of 6/15/00

| Case Number | Country | SubCase | Status | Appl Number | Filing Date | Patent # | Issue Date |
|---|---|---|---|---|---|---|---|
| 38979-0029 | US | | Granted | 08/420,239 | 4/11/95 | 5,818,350 | 10/6/98 |
| Title: High Performance Method of and System for Selecting One of a Plurality of IC Chips While Requiring Minimal Select Lines | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0030IS | Israel | | Pending | 117851 | 4/11/96 | | |
| Title: High Performance Method of and System for Selecting One of a Plurality of IC Chips While Requiring Minimal Select Lines | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0031 | US | | Granted | 08/515,168 | 8/15/95 | 5,596,526 | 1/21/97 |
| Title: Non-Volatile Memory System of Multi-Level Transistor Cells and Methods Using Same | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0032JP | Japan | | Pending | 509467/97 | 8/14/96 | | |
| Title: Multi-Level Non-Volatile Data Storage | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0032KR | Korea, South | | Pending | 701130/1998 | 8/14/96 | | |
| Title: Multi-Level Non-Volatile Data Storage | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0033 | US | | Granted | 08/795,072 | 2/5/97 | 5,926,370 | 7/27/99 |
| Title: Method and Apparatus for Verifying Erasure of Memory Blocks within a Non-Volatile Memory Structure | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0034P2 | US | P2 | Converted | 60/108,872 | 11/17/98 | | |
| Title: Flash Memory Circuit | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0034 | US | | Pending | 09/440,986 | 11/16/99 | | |
| Title: Flash Memory Circuit | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0034PCT | Patent Cooperation Treaty | | Pending | | 11/16/99 | | |
| Title: Flash Memory Circuit | | | | | | | |
| Remarks: [redacted] | | | | | | | |

LEXAR Media

# Patent
## Status Report
As of 5/15/00

| Case Number | Country | SubCase | Status | Appl Number | Filing Date | Patent # | Issue Date |
|---|---|---|---|---|---|---|---|
| 38979-0035 | US | | Granted | 08/946,331 | 10/7/97 | 5,930,815 | 7/27/99 |
| Title: Moving Sequential Sectors within a Block of Information in a Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0035PCT | Patent Cooperation Treaty | | Published | US98/21107 | 10/6/98 | | |
| Title: Moving Sequential Sectors within a Block of Information in a Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0035EP | | | Pending | 98559363.7 | 5/10/00 | | |
| Title: Moving Sequential Sectors within a Block of Information in a Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0038 | US | | Pending/ File FWC/ Abandoned (see 38979-38CPA) | 08/976,557 | 11/24/97 | | |
| Title: Alignment of Cluster Address to Block Addresses within a Semiconductor Non-Volatile Mass Storage Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0038CPA | US | | Pending | 08/976,557 | 12/14/99 | | |
| Title: Alignment of Cluster Address to Block Addresses within a Semiconductor Non-Volatile Mass Storage Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-38CPA2 | US | | Pending | 09/520,905 | 3/7/00 | | |
| Title: Alignment of Cluster Address to Block Addresses within A Semiconductor Non-Volatile Mass Storage Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0038PCT | Patent Cooperation Treaty | | Published | US98/25342 | 11/24/98 | | |
| Title: Alignment of Cluster Address to Block Addresses within a Semiconductor Non-Volatile Mass Storage Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |

LEXAR Media

# Patent

## Status Report

As of 6/15/00

| Case Number | Country | SubCase | Status | Appl Number | Filing Date | Patent # | Issue Date |
|---|---|---|---|---|---|---|---|
| 38979-0039 | US | 1 | Granted | 09/052,038 | 3/30/98 | 6,018,265 | 1/25/00 |
| Title: Internal CMOS Reference Generator and Voltage Regulator | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0039PCT | Patent Cooperation Treaty | | Pending | US98/26307 | 12/10/98 | | |
| Title: Internal CMOS Reference Generator and Voltage Regulator | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| [redacted] | UK | | [redacted] | [redacted] | [redacted] | | |
| Title: Increasing Memory Performance in Flash Memory Devices by Performing Simultaneous Write Operation to Multiple Devices | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0041CPA | US | | Pending | 09/487,885 | 1/20/00 | | |
| Title: Increasing The Memory Performance of Flash Memory Devices By Writing Sectors Simultaneously to Multiple Flash Memory Devices | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0041CPA2 | US | | Pending | | | | |
| Title: Increasing the Memory Performance of Flash Memory Devices by Writing Sectors Simultaneously to Multiple Flash Memory Devices | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0041PCT | Patent Cooperation Treaty | | Pending | US99/04247 | 2/25/99 | | |
| Title: Increasing Memory Performance in Flash Memory Devices by Performing Simultaneous Write Operation to Multiple Devices | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-41EP | Europe | | Pending | | | | |
| 38979-41JP | Japan | | Pending | | | | |
| 38979-0047 | US | | Granted | 09/111,414 | 7/7/98 | 5,953,737 | 9/14/99 |
| Title: Method and Apparatus for Performing Erase Operations Transparent to a Solid State Storage System | | | | | | | |
| Remarks: [redacted] | | | | | | | |

LEXAR Media

# Patent

## Status Report

As of 5/15/00

| Case Number | Country | SubCase | Status | Appl Number | Filing Date | Patent # | Issue Date |
|---|---|---|---|---|---|---|---|
| 38979-0047C1 | US | C1 | Pending | 09/311,202 | 5/12/99 | | |
| Title: Method and Apparatus for Performing Erase Operations Transparent to a Solid State Storage System | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0047PCT | Patent Cooperation Treaty | | Pending | US99/15259 | 7/6/99 | | |
| Title: Method and Apparatus for Performing Erase Operations Transparent to a Solid State Storage System | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0057 | US | | Granted | 08/038,568 | 3/26/93 | 5,388,083 | 2/7/95 |
| Title: Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0058C1 | US | C1 | Granted | 09/087,720 | 5/29/98 | 5,924,113 | 7/13/99 |
| Title: Direct Logical Block Addressing Flash Memory Mass Storage Architecture. | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0058C2 | US | C2 | Pending | 09/311,045 | 5/13/99 | | |
| Title: Direct Logical Block Addressing Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-58CPA | US | | Allowed | | | | |
| Title: Direct Logical Block Addressing Flash Memory Mass Storage Architecture | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0060 | US | | Allowed | 09/265,192 | 3/10/99 | | |
| Title: Internal Oscillator | | | | | | | |
| Remarks: [redacted] | | | | | | | |

[redacted]

LEXAR Media

# Patent
## Status Report
As of 6/15/00

| Case Number | Country | SubCase | Status | Appl Number | Filing Date | Patent # | Issue Date |
|---|---|---|---|---|---|---|---|
| 38979-0065 | US | | Allowed | 09/283,728 | 4/1/99 | 6,034,897 | 3/7/00 |
| Title: Space Management for Managing High Capacity Non-Volatile Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-65CPA | US | | Pending | | 3/6/00 | | |
| Title: Space Management for Managing High Capacity Non-Volatile Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-65PCT | | | Pending | | | | |
| Title: Space Management for Managing High Capacity Non-Volatile Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0066 | US | | Pending | 09/330,278 | 6/11/99 | | |
| Title: Method and Apparatus for Decreasing Block Write Operation Times Performed on Non-Volatile Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-66CPA | US | | | | | | |
| Title: Method and Apparatus for Decreasing Block Write Operation Times Performed on Non-Volatile Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-66PCT | | | Unfiled | | | | |
| Title: Method and Apparatus for Decreasing Block Write Operation Times Performed on Non-Volatile Memory | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0069 | US | revisions | Pending | 60/146,451 | 7/29/99 | | |
| Title: Removable Data Storage Module Incorporating a Display | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0070 | US | | Unfiled | | | | |
| Title: Method and Apparatus for Maintaining Track of Status of Blocks within Non-Volatile Memory in a Separate Location for Increasing System | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0071 | US | | Pending | | 2/8/00 | | |
| Title: Enhanced Compact Flash Memory Card | | | | | | | |
| Remarks: [redacted] | | | | | | | |

LEXAR Media

# Patent

## Status Report

As of 5/15/00

| Case Number | Country | SubCase | Status | Appl Number | Filing Date | Patent # | Issue Date |
|---|---|---|---|---|---|---|---|
| 38979-0072 | US | | Pending | | 9/3/99 | | |
| Title: Organization of Blocks Within a Non-Volatile Memory Unit to Effectively Decrease Sector Write Operation Time | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0073 | US | | Unfiled | | | | |
| Title: Audio Cassette for Storage and Delivery of Digital Audio | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0074 | US | | Unfiled | | | | |
| Title: Fast Electronic Image Transfer | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| 38979-0075 | US | | Pending | 09/565,517 | 5/5/00 | | |
| Title: Nonvolatile Memory Device Using Flexible Erasing Methods and Method and System for Using Same | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| LEXA-00100 | US | | Granted | 09/047,798 | 3/25/98 | 6,040,997 | |
| Title: Flash Memory Leveling Architecture Having No External Latch | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| LEXA-00101EP | European Patent Application | | | 99 915 037.8 | | | |
| Title: Flash Memory Leveling Architecture Having No External Latch | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| LEXA-00101GB | United Kingdom Patent Application | | | | | | |
| Title: Flash Memory Leveling Architecture Having No External Latch | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| LEXA-00101JP | Japanese Patent Application | | | | | | |
| Title: Flash Memory Leveling Architecture Having No External Latch | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| LEXA-00200 | US | | Pending | 09/034,173 | 3/2/98 | | |
| Title: Improved Compact Flash Memory Card and Interface | | | | | | | |
| Remarks: [redacted] | | | | | | | |

[redacted]

LEXAR Media

# Patent
## Status Report
As of 5/15/00

| Case Number | Country | SubCase | Status | Appl Number | Filing Date | Patent # | Issue Date |
|---|---|---|---|---|---|---|---|
| LEXA-00201 | CIP | | Pending | 09/234,430 | 1/20/99 | | |
| Title: Flash Memory Card with Enhanced Operating Mode Detection and User-Friendly Interfacing System | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| LEXA-00202 | | | Closed | PCT/US99/04634 | | | |
| Title: Improved Compact Flash Memory Card and Interface | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| LEXA-00202DE | German Patent Application | | | 199 80 546.8 | | | |
| Title: Improved Compact Flash Memory Card and Interface | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| LEXA-00202GB | United Kingdom | | | 9925229.8 | | | |
| Title: Improved Compact Flash Memory Card and Interface | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| LEXA-00202JP | Japanese Patent Application | | | | | | |
| Title: Improved Compact Flash Memory Card and Interface | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| LEXA-00203 | | | Closed | PCT/US99/04633 | | | |
| Title: Flash Memory Card with Enhanced Operating Mode Detection and User-Friendly Interfacing System | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| LEXA-00203DE | German Patent Application | | | 199 80 546.6 | | | |
| Title: Flash Memory Card with Enhanced Operating Mode Detection and User-Friendly Interfacing System | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| LEXA-00203GB | United Kingdom | | | 9925231.4 | | | |
| Title: Flash Memory Card with Enhanced Operating Mode Detection and User-Friendly Interfacing System | | | | | | | |
| Remarks: [redacted] | | | | | | | |
| LEXA-00203JP | Japanese Patent Application | | | | | | |
| Title: Flash Memory Card with Enhanced Operating Mode Detection and User-Friendly Interfacing System | | | | | | | |
| Remarks: [redacted] | | | | | | | |

[redacted]

LEXAR Media

# Patent

## Status Report

As of 6/15/00

| Case Number | Country | SubCase | Status | Appl Number | Filing Date | Patent # | Issue Date |
|---|---|---|---|---|---|---|---|

LEXA-00300 US
Title: Flash Memory Architecture Implementing LBA to PBA Correlation within Flash Memory Array
Remarks: [redacted]

LEXA-00301 CIP
Title: Flash Memory Architecture Implementing LBA to PBA Correlation within Flash Memory Array
Remarks: [redacted]

LEXA-00400 US Granted 09/258,163 2/25/99 6,041,001
Title: Method of Increasing Data Reliability of a Flash Memory Device without Compromising Compatibility
Remarks: [redacted]

LEXA-00500 US
Title: Output Driver with Self Adjusting Output Drive Capacity
Remarks: [redacted]

LEXA-00600 US
Title: Integrated Circuit Having On-Board Clock Calibration Circuit Tunable During Manufacturing
Remarks: [redacted]

LEXA-00700 Infringement Opinion Re: U.S. Patent # 5,602,987
Remarks: [redacted]

LEXA-00800 US
Title: Flash Memory Architecture having Separate Wells for Data and Overhead
Remarks: [redacted]

LEXA-00900 US
Title: Simultaneously Programming Multiple Memory Banks
Remarks: [redacted]

Appendix to Chase Release

Issued Patents:
5,388,083
5,479,638
5,485,595
5,596,526
5,606,660
5,818,350
5,818,781
5,835,935
5,838,614
5,845,313
5,907,856
5,924,113
5,928,370
5,930,815
5,953,737
6,018,265
6,034,897
6,040,997
6,041,001
6,076,137
6,081,878
6,084,483
6,115,785
6,122,195
6,125,435
6,128,695
6,145,051
6,182,162
6,202,138
6,374,337
6,385,667
6,411,546

Pending Applications:
09/520,905
09/565,517 now issued as 6,411,546
08/988,844 now issued as 6,076,137
09/264,340 now issued as 6,145,051
09/156,951 now issued as 6,128,695
60/108,872
09/440,986 now issued as 6,374,337
08/976,557 now issued as 6,125,435
09/030,697 now issued as 6,081,878
09/487,865 now issued as 6,202,138
09/311,202
09/311,045 now issued as 6,115,785
09/265,192 now issued as 6,084,483
09/330,278 now issued as 6,122,195
60/146,451
09/034,173 now issued as 6,182,162
09/234,430 now issued as 6,385,667

Foreign Applications:
PCT/US98/06335
PCT/US96/05107
PCT/US98/21107
PCT/US98/25342
PCT/US98/26307
PCT/US98/04247
PCT/US99/15259
PCT/US99/04634
PCT/US99/04633