

09-17-2002

TORNEY DOCKET NO: M-11304 US



HEET

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

102223693

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

<p>1. Name of conveying parties:</p> <p>(a) Daniel C. Guterman (b) Stephen Jeffrey Gross (c) Geoffrey S. Gongwer</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: SanDisk Corporation Street Address: 140 Caspian Court City: Sunnyvale CA 94089 Country: United States</p>
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9.11.02

FINANCE SECTION  
2002 SEP 11 AM 10:11  
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<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other (Enter Description)</p> <p>Execution Date: August 1, 2002</p>	<p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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: \_\_\_\_\_

<p>A. Patent Application No.(s) - 10/152,137 filed May 20, 2002 Title: Increasing The Effectiveness Of Error Correction Codes And Operating Multi-Level Memory Systems By Using Information About The Quality Of The Stored Data</p>	<p>B. Patent No.(s)</p>
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Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Gergely T. Zimányi, Patent Agent</u> Internal Address: <u>SKJERVEN MORRILL LLP</u> Street Address: <u>3 EMBARCADERO CENTER, SUITE 2800</u> City <u>SAN FRANCISCO</u> State <u>CA</u> Zip <u>94111</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> Authorized to be charged to Deposit Account 19-2386 <input checked="" type="checkbox"/> Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid</p>
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DO NOT USE THIS SPACE

8. 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.*

Gergely T. Zimányi 45,754  
Name of Person Signing Signature Date 8-29-02

09/16/2002 DBYRNE 00000013 192386 10152137 Total number of pages including cover sheet, attachments, and documents: 4

Gergely T. Zimányi

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## ASSIGNMENT

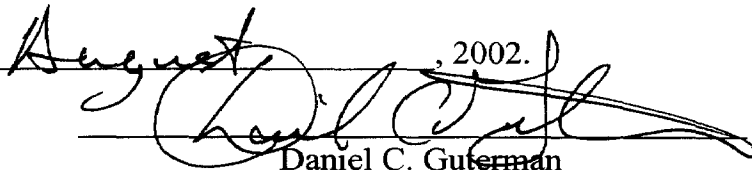
For good and valuable consideration, receipt of which is hereby acknowledged, we

Daniel C. Guterman, Stephen Jeffrey Gross, and Geoffrey S. Gongwer

hereby sell, assign and transfer to **SANDISK CORPORATION**, a Delaware corporation, having a place of business at **140 Caspian Court, Sunnyvale, California 94089**, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

### **INCREASING THE EFFECTIVENESS OF ERROR CORRECTION CODES AND OPERATING MULTI-LEVEL MEMORY SYSTEMS BY USING INFORMATION ABOUT THE QUALITY OF THE STORED DATA**

for which we have executed a United States patent application on **May 20, 2002**, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

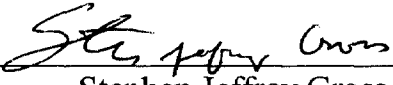
Executed this 12<sup>th</sup> day of August, 2002.  
  
\_\_\_\_\_  
Daniel C. Guterman

State of \_\_\_\_\_ )  
                                  ) ss.  
County of \_\_\_\_\_ )

On \_\_\_\_\_ before me, \_\_\_\_\_  
personally appeared \_\_\_\_\_ 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 OF NOTARY

Executed this 1 day of August, 2002.  
  
\_\_\_\_\_  
Stephen Jeffrey Gross

State of \_\_\_\_\_ )  
                                  ) ss.  
County of \_\_\_\_\_ )

On \_\_\_\_\_ before me, \_\_\_\_\_  
personally appeared \_\_\_\_\_ 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 OF NOTARY

Executed this 2<sup>nd</sup> day of August, 2002.

  
\_\_\_\_\_  
Geoffrey S. Gongwer

State of \_\_\_\_\_ )  
                                  ) ss.  
County of \_\_\_\_\_ )

On \_\_\_\_\_ before me, \_\_\_\_\_  
personally appeared \_\_\_\_\_ 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 OF NOTARY