To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):
   Erol GIRT, Hans J. RICHTER, Alexander Y. DOBIN

2. Name and address of receiving party(ies):
   Name: SEAGATE TECHNOLOGY LLC
   Address: 920 Disc Drive
   Scotts Valley, CA 95067-0360

3. Nature of Conveyance:
   - [ ] Assignment
   - [ ] Merger
   - [ ] Security Agreement
   - [ ] Change of Name
   - [ ] Other

   Execution Date: September 25, 2006, September 26, 2006, September 26, 2006 (respectively)

4. Application number(s) or patent number(s):
   If the 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).

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: MCDERMOTT WILL & EMERY LLP
   Internal Address:
   Street Address: 600 13th Street, N.W.

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) $40.00
   - [ ] Enclosed
   - [X] Authorized to be charged to deposit account

8. Deposit account number: 500417

   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.

   Aaron Weissuch, Ph.D., Registration No. 41,557
   Name and Registration No. of Person Signing
   Signature
   Date: October 10, 2006

   OMB No. 0651-0027 (exp. 6/30/2005)
   Total number of pages including cover sheet: 3

   10/16/2006 11544634
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   PATENT
   REEL: 018403 FRAME: 0623
ASSIGNMENT

WHEREAS WE, Erol GIRT, Hans J. RICHTER, Alexander Y. DOBIN of Berkeley, CA; Palo Alto, CA; Milpitas, CA, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled BIT PATTERNED MAGNETIC MEDIA WITH EXCHANGE COUPLING BETWEEN BITS, and filed concurrently herewith;

AND WHEREAS, SEAGATE TECHNOLOGY LLC, a Limited Liability Company of the State of Delaware, and having an address of 920 Disc Drive, P. O. Box 66360, Scotts Valley, California 95067-0360 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto SEAGATE TECHNOLOGY LLC, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said SEAGATE TECHNOLOGY LLC, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

9/25/2006

Date

9-26-06

Date

Erol Girt

Hans J. Richter

PATENT
REEL: 018403 FRAME: 0624
STATE OF \textit{California}) SS:

COUNTY OF \textit{Alameda})

On this \underline{25} day of \underline{Sept}, 2006, before me personally appeared Erol Girit, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

\begin{center}
\textbf{Notary Public}
\end{center}
My commission expires \underline{Oct. 24, 2009}

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STATE OF \textit{California}) SS:

COUNTY OF \textit{Alameda})

On this \underline{26} day of \underline{Sept}, 2006, before me personally appeared Hans J. Richter, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

\begin{center}
\textbf{Notary Public}
\end{center}

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STATE OF \textit{California}) SS:

COUNTY OF \textit{Alameda})

On this \underline{26} day of \underline{Sept}, 2006, before me personally appeared Alexander Y. Dobin, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

\begin{center}
\textbf{Notary Public}
\end{center}
My commission expires \underline{Oct. 24, 2009}