

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT  |               |                |                     |            |                   |            |                   |            |
|---|---|---------------|----------------|---------------------|------------|-------------------|------------|-------------------|------------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT  |               |                |                     |            |                   |            |                   |            |
| CONVEYING PARTY DATA  |   |               |                |                     |            |                   |            |                   |            |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Graham E. Poliner</td><td>10/09/2007</td></tr><tr><td>Michael I. Mandel</td><td>10/11/2007</td></tr><tr><td>Daniel P.W. Ellis</td><td>10/09/2007</td></tr></tbody></table> |   | Name          | Execution Date | Graham E. Poliner   | 10/09/2007 | Michael I. Mandel | 10/11/2007 | Daniel P.W. Ellis | 10/09/2007 |
| Name  | Execution Date  |               |                |                     |            |                   |            |                   |            |
| Graham E. Poliner   | 10/09/2007  |               |                |                     |            |                   |            |                   |            |
| Michael I. Mandel   | 10/11/2007  |               |                |                     |            |                   |            |                   |            |
| Daniel P.W. Ellis   | 10/09/2007  |               |                |                     |            |                   |            |                   |            |
| RECEIVING PARTY DATA  |   |               |                |                     |            |                   |            |                   |            |
| Name:   | The Trustees of Columbia University in the City of New York |               |                |                     |            |                   |            |                   |            |
| Street Address:   | 110 Low Memorial Library                                    |               |                |                     |            |                   |            |                   |            |
| Internal Address:   | 535 West 116th Street                                       |               |                |                     |            |                   |            |                   |            |
| City:   | New York  |               |                |                     |            |                   |            |                   |            |
| State/Country:  | NEW YORK  |               |                |                     |            |                   |            |                   |            |
| Postal Code:  | 10027   |               |                |                     |            |                   |            |                   |            |
| PROPERTY NUMBERS Total: 1   |   |               |                |                     |            |                   |            |                   |            |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11505687</td></tr></tbody></table>  |   | Property Type | Number         | Application Number: | 11505687   |                   |            |                   |            |
| Property Type   | Number  |               |                |                     |            |                   |            |                   |            |
| Application Number:   | 11505687  |               |                |                     |            |                   |            |                   |            |
| CORRESPONDENCE DATA   |   |               |                |                     |            |                   |            |                   |            |
| Fax Number:   | (212)230-8888   |               |                |                     |            |                   |            |                   |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |   |               |                |                     |            |                   |            |                   |            |
| Phone:  | 2122308800  |               |                |                     |            |                   |            |                   |            |
| Email:  | michael.mathewson@wilmerhale.com                            |               |                |                     |            |                   |            |                   |            |
| Correspondent Name:   | Gary A. Walpert   |               |                |                     |            |                   |            |                   |            |
| Address Line 1:   | 399 Park Avenue   |               |                |                     |            |                   |            |                   |            |
| Address Line 2:   | Wilmer Cutler Pickering Hale and Dorr                       |               |                |                     |            |                   |            |                   |            |
| Address Line 4:   | New York, NEW YORK 10022                                    |               |                |                     |            |                   |            |                   |            |
| ATTORNEY DOCKET NUMBER:   | 19240.413 US2   |               |                |                     |            |                   |            |                   |            |
| NAME OF SUBMITTER:  | Gary A. Walpert   |               |                |                     |            |                   |            |                   |            |
| Total Attachments: 4  |   |               |                |                     |            |                   |            |                   |            |

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ASSIGNMENT

WHEREAS, we, Graham E. Poliner, residing at 10270 S. Tropical Tr., Merritt Island, FL 32952, USA; Michael I. Mandel, residing at 623 Harts Ridge Road Conshohocken, PA 19428, USA; and Daniel P.W. Ellis, residing at 456 Riverside Drive, #8B, New York, NY, 10027, USA, collectively, the "Assignor," are inventors of certain new and useful invention and discovery entitled "Methods, Systems and Media For Music Classification", filed with the United States Patent and Trademark Office as U.S. Application Serial No. 11/505,687, on August 16, 2006; and

WHEREAS, The Trustees of Columbia University in the City of New York, existing under the laws of the State of New York, having its principal office at 110 Low Memorial Library, 535 West 116th Street, New York, NY 10027, together with its successors and assigns, hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

For valuable consideration, receipt of which is acknowledged, Assignor hereby assigns to Assignee all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations, continuations-in-part, international applications or any foreign regional or national applications), or any application based in whole or in part on any of the foregoing.

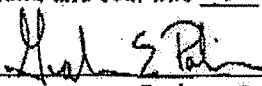
Assignor agree that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or

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U.S. Application Serial No.: 11/505,687

maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 9 day of  
OCTOBER 2007 (Month/Year).

  
Graham E. Poliner

On this 9 day of OCTOBER 2007 (Month/Year), Graham E. Poliner, personally known to me to be the same individual who executed the foregoing Assignment, acknowledged to me that execution of the same was of his/her own free will for the use and purposes therein set forth.

WITNESS: Kean Sub Lee

Printed Name: Kean Sub Lee

Residential Address:

601 West 113th Street 2H  
New York NY 10025

Assignment

U.S. Application Serial No.: 11/505,687

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 11 day of  
October 2007 (Month/Year).

*Michael I. Mandel*

Michael I. Mandel

On this 11 day of October 2007 (Month/Year), Michael I. Mandel, personally known to me to be the same individual who executed the foregoing Assignment, acknowledged to me that execution of the same was of his/her own free will for the use and purposes therein set forth.

WITNESS: Johanna Devaney  
Printed Name: Johanna Devaney  
Residential Address: 1281 Rte Dalcourt, Apt D  
Montreal, QC, H2L 2W8  
CANADA

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_ day of  
\_\_\_\_ (Month/Year).

Daniel P.W. Ellis

On this \_\_\_\_ day of \_\_\_\_ (Month/Year), Daniel P.W. Ellis, personally known to me to be the same individual who executed the foregoing Assignment, acknowledged to me that execution of the same was of his/her own free will for the use and purposes therein set forth.

WITNESS: \_\_\_\_\_  
Printed Name: \_\_\_\_\_  
Residential Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Assignment

U.S. Application Serial No.: 11/505,687

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_ (Month/Year).

\_\_\_\_\_  
Michael I. Mandel

On this \_\_\_\_ day of \_\_\_\_\_ (Month/Year), Michael I. Mandel, personally known to me to be the same individual who executed the foregoing Assignment, acknowledged to me that execution of the same was of his/her own free will for the use and purposes therein set forth.

WITNESS: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Residential Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 9 day of October 2007 (Month/Year).

  
\_\_\_\_\_  
Daniel P.W. Ellis

On this 9<sup>th</sup> day of October 2007 (Month/Year), Daniel P.W. Ellis, personally known to me to be the same individual who executed the foregoing Assignment, acknowledged to me that execution of the same was of his/her own free will for the use and purposes therein set forth.

WITNESS: Kean Sub Lee

Printed Name: Kean Sub Lee

Residential Address: 601 West 117th Street 2H  
New York NY 10025  
\_\_\_\_\_  
\_\_\_\_\_