

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

| Name              | Execution Date |
|-------------------|----------------|
| Kenneth Herman    | 02/26/2009     |
| Matthew Byom      | 02/25/2009     |
| Michael J. Smith  | 02/27/2009     |
| Tahoma M. Toelkes | 02/26/2009     |

RECEIVING PARTY DATA

|                 |                 |
|-----------------|-----------------|
| Name:           | Apple Inc.      |
| Street Address: | 1 Infinite Loop |
| City:           | Cupertino       |
| State/Country:  | CALIFORNIA      |
| Postal Code:    | 95014           |

PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12398090 |

CORRESPONDENCE DATA

Fax Number: (212)715-8000

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Email: klpatent@kramerlevin.com

Correspondent Name: Maxine Lee

Address Line 1: Kramer Levin Naftalis & Frankel LLP

Address Line 2: 1177 Avenue of the Americas

Address Line 4: New York, NEW YORK 10036

ATTORNEY DOCKET NUMBER:

P7486US1

NAME OF SUBMITTER:

Maxine Lee

Total Attachments: 6

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PATENT

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ASSIGNMENT

WHEREAS, We, Kenneth Herman, Matthew Byom, Michael J. Smith and Tahoma M. Toelkes, residing, respectively, in San Jose, California, Campbell, California, San Francisco, California and San Jose, California; and each having a post office address at 1 Infinite Loop, Cupertino, California 95014, have made an invention entitled:

DATA WHITENING FOR WRITING AND READING

DATA TO AND FROM A NON-VOLATILE MEMORY

the specification of which is being filed concurrently herewith or for which was filed as U.S. Patent Application

No. \* \_\_\_\_\_ on \* \_\_\_\_\_; and

WHEREAS, Apple Inc., a corporation organized and existing under the laws of California and having an office and place of business at 1 Infinite Loop, Cupertino, CA 95014 is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid to me, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APPLE INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent

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\*I hereby authorize "Apple Inc." and its representatives to insert in this instrument the U.S. Patent Application Number and Filing Date of said application when "Apple Inc." is officially notified thereof.

application, including any continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations, continuations-in-part, and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said APPLE INC., as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed my name on the date indicated hereinafter.

2/26/09

Date

  
Kenneth Herman

2/25/09

Date

  
Matthew Byom

                      
Date

                      
Michael J. Smith

                      
Date

                      
Tahoma M. Toelkes

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\_\_\_\_\_  
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\_\_\_\_\_  
Kenneth Herman

\_\_\_\_\_  
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\_\_\_\_\_  
Matthew Byom

27 Feb 2009  
\_\_\_\_\_  
Date

  
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Michael J. Smith

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Matthew Byom

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Date

\_\_\_\_\_  
Michael J. Smith

2009-02-26

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Tahoma M. Toelkes