

11-16-1998

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To the Honorable Commissioner of Patents and Trademarks

the attached original documents or copy thereof:

## 1. Name of conveying party(ies):

Paul E. Nelson, Christopher H. Anderson,  
Ronald M. Whitman, Paul C. Gardner and Mark R. David

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

☐ Yes ☒ No

## 3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_Execution Date: October 2, 1998, October 13, 1998  
October 21, 1998, October 27, 1998

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

Name: Excalibur Technologies Corporation

Internal Address:

Street Address: 1921 Gallows Road, Suite 200

City: Vienna

State: VA Zip: 22181

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

☐ Yes ☒ No

## 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):

09/139,290

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Amir H. Raubvogel, Esq.  
Internal Address: Fenwick & West LLP  
Street Address: Two Palo Alto Square  
City: Palo Alto State: CA Zip Code: 94306

## 6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41): \$40.00

☒ Enclosed  
☒ Fee Transmittal Enclosed

8. Deposit Account No.: 19-2555

**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.*

Amir H. Raubvogel, Reg. No. 37,070

Attorney, Reg No.

Signature

Date

11/16/1998 DNGUYEN 00000055 09139270 Total number of pages including cover sheet, attachments, documents: [5]

01 FC:581

40.00 UP

Mail documents to be recorded with required cover sheet information to:

Box Assignment, Commissioner For Patents and Trademarks

Washington, D.C. 20231

Case Docket No.: 3533

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Excalibur Technologies Corporation**, a **Delaware** corporation, having a place of business at **1921 Gallows Road, Suite 200, Vienna, VA 22181** ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the application for United States Letters Patent entitled: **MULTIMEDIA DOCUMENT RETRIEVAL BY APPLICATION OF MULTIMEDIA QUERIES TO A UNIFIED INDEX OF MULTIMEDIA DATA FOR A PLURALITY OF MULTIMEDIA DATA TYPES** ("APPLICATION"), which:

☐ is to be filed herewith

☒ was filed on **August 24, 1998**, now bearing U.S. serial number **09/139,290** and for which a Declaration was executed by INVENTOR on the date(s) below; and

2. The entire worldwide right, title, and interest in and to:  
(a) the APPLICATION, including any right of priority; (b) any divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; and (c) any patents which may be granted on the applications set forth in (a) and (b) above.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Title of Document: **ASSIGNMENT**

Re:

Title: Multimedia Document Retrieval by Application of Multimedia Queries to a  
Unified Index of Multimedia Data for a Plurality of Multimedia Data Types

Filed: (if applicable) August 24, 1998

Serial No.: (if applicable) 09/139,290

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature	Date of Signature	Date Declaration Executed By This Person
<u>Paul E. Nelson</u>	<u>10/13/98</u>	<u>10/13/98</u>

State of MARYLAND  
County of HOWARD

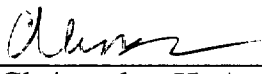
On 13th Oct. 98 before me, Paul John Wroblewski III  
personally appeared Paul E. Nelson personally known to me or proved to me on the  
basis of satisfactory evidence to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he executed the same in his authorized capacity, and  
that by his signature on the instrument the person, or the entity upon behalf of which the  
person acted, executed the instrument.

PAUL JOHN WROBLEWSKI III  
NOTARY PUBLIC STATE OF MARYLAND  
My Commission Expires April 22, 2001

Paul John Wroblewski III

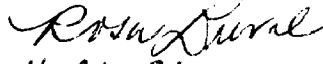
Title of Document: ASSIGNMENT


Re:  
 Title: Multimedia Document Retrieval by Application of Multimedia Queries to a Unified Index of Multimedia Data for a Plurality of Multimedia Data Types  
 Filed: (if applicable) August 24, 1998  
 Serial No.: (if applicable) 09/139,290

Name and Signature	Date of Signature	Date Declaration Executed By This Person
<u></u>	<u>10/2/98</u>	<u>OCT. 2, 1998</u>
Christopher H. Anderson		

State of MARYLAND  
 County of BALTIMORE CITY


On OCT. 2, 1998 before me, ROSA DUVAL  
 personally appeared Christopher H. Anderson personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

  
 11-01-01

Name and Signature	Date of Signature	Date Declaration Executed By This Person
<u></u>	<u>10/2/98</u>	<u>OCT. 2, 1998</u>
Ronald M. Whitman		

State of MARYLAND  
 County of BALTIMORE CITY

On OCT. 2, 1998 before me, ROSA DUVAL  
 personally appeared Ronald M. Whitman personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

  
 11-01-01

Title of Document: ASSIGNMENT

Re:

Title: Multimedia Document Retrieval by Application of Multimedia Queries to a  
Unified Index of Multimedia Data for a Plurality of Multimedia Data Types

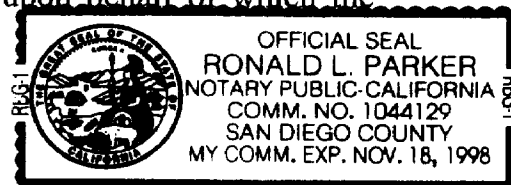
Filed: (if applicable) August 24, 1998

Serial No.: (if applicable) 09/139,290

Name and Signature	Date of Signature	Date Declaration Executed By This Person
<u><i>Paul C. Gardner</i></u> Paul C. Gardner	<u>10/27/98</u>	<u>10/27/98</u>

State of California  
County of SAN DIEGO

On 10-27-98 before me, *Ronald L. Parker* Notary Public,  
personally appeared **Paul C. Gardner** personally known to me or proved to me on the  
basis of satisfactory evidence to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he executed the same in his authorized capacity, and  
that by his signature on the instrument the person, or the entity upon behalf of which the  
person acted, executed the instrument. *Ronald L. Parker*



Name and Signature	Date of Signature	Date Declaration Executed By This Person
<u><i>Mark R. David</i></u> Mark R. David	<u>10/21/98</u>	<u>10/21/98</u>

State of California  
County of Santa Clara

On 10/21/98 before me, *Kathleen M. Ittel*  
personally appeared **Mark R. David** ~~personally known to me or proved to me~~ on the  
basis of satisfactory evidence to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he executed the same in his authorized capacity, and  
that by his signature on the instrument the person, or the entity upon behalf of which the  
person acted, executed the instrument.

