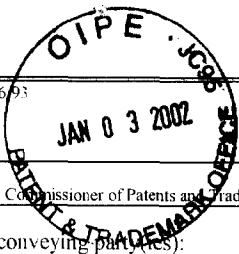


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Form PTO-1595 6/93

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Ben A. Shneiderman,
Washington, DC, USA

Additional name(s) of conveying party(ies) attached? yes no

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

Name: **University of Maryland, College Park**

Street Address: **University of Maryland,
College Park**

**2101 Main Admin. Bldg
College Park, MD**

City:

Postal Code: **20742**

Country: **USA**

Additional name(s) & address(es) attached? yes no

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date(s): **November 9, 2001**

4. Application number(s) or patent number(s): **09/976,362, filed October 15, 2001**
60/197,971, filed April 17, 2000
60/183,588, filed February 18, 2000

If this 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).

Additional numbers attached? yes no

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

Name: **Liniak, Berenato, Longacre & White, LLC**

Internal Address:

Street Address: **6550 Rock Spring Dr., Suite 200**

City: **Bethesda** State: **MD** Zip Code: **20817**

6. Total number of applications and patents involved: **3**

7. Total fee (37 C.F.R. § 3.41).....\$ **120.00**

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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.

Jeffrey I. Auerbach

Name of Person Signing

Signature

Date

Registration No. **32,680**

Total number of pages including cover sheet, attachments and document **3**

OMB NO. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:
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REEL: 012419 FRAME: 0878

❧ ASSIGNMENT ❧

For good and valuable consideration, the receipt of which is hereby acknowledged, paid to **Ben A. Shneiderman**, Washington, DC (the undersigned Inventor), the undersigned Inventor hereby sells and assigns to the **University of Maryland College Park** (the Assignee) his entire right, title and interest

- For the United States of America (as defined in 35 U.S.C. § 100)
and
 Throughout the World

in all invention(s) described or claimed in application(s) for patent in the United States of America entitled:

Methods for the Electronic Annotation, Retrieval, and Use of Electronic Images

which application(s) for patent:

- has (have) been filed by the undersigned Inventor on: **October 15, 2001**,
 is (are) also known as United States Patent Applications
Serial No(s): **09/976,362**, filed **October 15, 2001**
60/197,971, filed **April 17, 2000**
60/183,588, filed **February 18, 2000**

or is filed herewith;

and in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of this Assignment, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agrees to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grants the following agents and attorneys the power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Thomas P. Liniak, Reg. No. 33,415

Joseph W. Berenato, III, Reg. No. 30,546

James R. Longacre, Reg. No. 24,421

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Karen Orzechowski, Reg. No. 31,621

John M. White, Reg. No. 32,634

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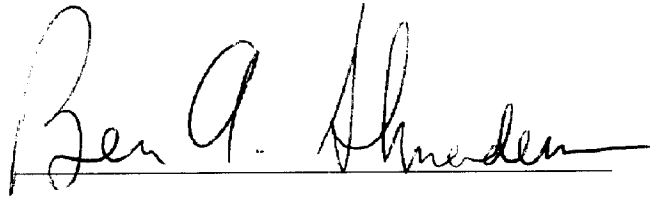
Jeffrey I. Auerbach, Reg. No. 32,680

Matthew F. Johnston, Reg. No. 41,096

George Ayvazov, Reg. No. 37,483

IN WITNESS WHEREOF, executed by the undersigned Inventor on the date opposite his name.

Date: 11/9/2001



Signature of **Ben A. Shneiderman**