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

1. Name of conveying party(ies):
   EDWARD Y. CHANG

2. Name and address of receiving party(ies):
   THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
   1111 FRANKLIN STREET, 12TH FLOOR
   OAKLAND, CALIFORNIA 94607

3. Nature of conveyance:
   ✣ Assignment

Execution Date: March 12, 2001

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: March 12, 2001

A. Patent Application No.(s)

B. Patent No(s)
   09805305

5. Name and address of party to whom correspondence concerning
document should be mailed:
   Name: George H. Gates
   Address: GATES & COOPER LLP
             6701 Center Drive West, Suite 1050
             Los Angeles, CA 90045

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 3.41):
   ☒ Fees are to be charged to a Credit Card. Form PTO-2038 is enclosed.
   $40

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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.

George H. Gates
Name of Person Signing

Signature	March 12, 2001

Date

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ASSIGNMENT

U.C. Case No. 2000-316-2
G & C Case No. 20794.71-US-U1

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNEE(S),

1. Edward Y. Chang

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, 12th Floor, Oakland, California 94607, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

PERCEPTION-BASED IMAGE RETRIEVAL

and which is found in

X U.S. patent application filed herewith and listing the above named persons as inventors

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this
12th day of March 2001

Signature of Inventor(s)

Edward Y. Chang

assign.doc