

08-23-1999



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HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

AUG 18

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

## 1. Name of conveying parties:

Shingo Uchihashi  
Jonathan Foote  
Lynn Wilcox

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: August 6, 1999

## 4. Application number(s) or patent number(s):

A. Patent Application No. 09/267,529

Title: **Automatic Video Summarization Using A  
Measure Of Shot Importance And A  
Frame-Packing Method**

Filed Date: March 12, 1999Additional numbers attached? ☐ Yes ☒ No

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## 2. Names and addresses of receiving parties:

Name: Fuji Xerox Co., Ltd.Address: 2-17-22 AkasakaMinato-kuTokyo 107, JAPANName: Xerox CorporationAddress: 800 Long Ridge RoadStamford, Connecticut 06904, USAAdditional name(s) & address(es) attached? ☐ Yes ☒ No

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

Name: Martin C. Fliesler, Esq.Address: Fliesler, Dubb, Meyer & Lovejoy LLPFour Embarcadero Center, Suite 400San Francisco, CA 94111Telephone: (415) 362-38006. Total Number of applications and patents involved: 1 X \$40.00 each7. Total fee (37 CFR 3.41).....\$ 40.00☒ Check Enclosed

8. Fee Authorization. Authorization is given to charge any additional fees or credit any overpayment to Deposit Account No. 06-1325.

Copy. (A duplicate copy of this authorization is not enclosed.)

## 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.*

John W. Carpenter

Reg. No. 39,129

Signature

8/13/99  
Date
10. Total number of pages to be recorded: 3 (1 page cover sheet and 2 page document).

08/20/1999 MTHAI1 00000174 09267529

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Attorney Docket No.: XERXF-01023USC MCF/JWC  
jwc/xerxfuji/1023/1023.013

PATENT  
REEL: 010174 FRAME: 0501

**JOINT TO CORPORATE ASSIGNMENT**

WHEREAS, the undersigned Inventors:

(1) Shingo <sup>Uchihashi</sup> Uchihashi,  
a resident of 716 Celeste Circle, Cupertino, California 95014; and  
20716

(2) Jonathan Foote,  
a resident of 450 Laurel Street, Menlo Park, California 94025; and

(3) Lynn Wilcox,  
a resident of 45 Joaquin Road, Portola Valley, California 94028

have invented certain new and useful improvements in:

**AUTOMATIC VIDEO SUMMARIZATION USING A MEASURE OF SHOT  
IMPORTANCE AND A FRAME-PACKING METHOD**

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

1. ☐ On the Date of Execution of Declaration for Patent Application set forth below adjacent to my signature;  
  
or
2. ☒ Said application having SC/Serial Number 09/267,529 and filed on the 12th day of March, of the year 1999.

WHEREAS FUJI XEROX CO., LTD., a corporation of JAPAN, having a place of business at 17-22, Akasaka 2-chome, Minato-ku, Tokyo, Japan, and XEROX CORPORATION (each hereinafter jointly termed "Assignees"), a corporation of the state of New York, having a place of business at 800 Long Ridge Road, Stamford, Connecticut 06904, wish to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignees:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignees, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of

inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

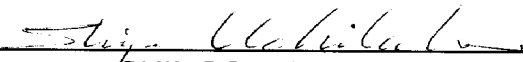
2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignees to enable said Assignees to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignees (a) for perfecting in said Assignees the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignees.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignees, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date of acknowledgment and delivered this instrument to said Assignees.

Date: August 6, 1999

(1)   
~~SHINGO UCHIHASHI~~  
UCHIHASHI

Date: AUGUST 6 1999

(2)   
JONATHAN FOOTE

Date: August 6, 1999

(3)   
LYNN WILCOX