|              |  |  | 00 02 0                    | 0001  |  |
|--------------|--|--|----------------------------|---|--|
| 101111111111 |  | TRAN   | 08-23-2                    |   | RDATION  |
| 1-31         | To the Director, U.S. Pat                | ent and  |                            |   | Atty. Docket: 35.G2826  l original documents or copy thereof.    |
| 1.           | Name of conveying party(ies):            | ent and  | 101820                     | 361   | dress of receiving party(ies):                                   |
|              | ATSUSHI MATSUMOTO;                       | 1  | ر.<br>ارد:                 | Name: CANON   | N KABUSHIKI KAISHA   |
|              | SHINICHI KATO                            | (-   | AUG 2 0 2001 (1)           | Name. <u>CANON</u>  | V KADOSHKI KAISHA  |
|              | Additional name(s) of conveying Yes      | ng party(ie                                    | s Enttached?               | <del>_</del>  |  |
|              | Yes                                      | X No   | PRADEINIAM                 | Foreign Address   | ss: 30-2, Shimomaruko 3-chome, Ohta-ku                           |
|              |  |  | 18/20/01                   | Toroign Address   |  |
| 3.           | Nature of conveyance:                    |  |                            |   | Tokyo, Japan   |
| 3.           | X Assignment                             | Merg   |                            |   |  |
|              | Security Agreement Other                 | Chan   | ge of Name                 | Domestic Addre  | ress:  |
|              | Execution Date: August 6, 200            | 1  |                            |   |  |
|              | Execution Date. August 0, 200            | <u>.                                    </u>   |                            | City  | State ZIP  |
|              |  |  |                            | 1   |  |
|              | Application number(s) or pater           | nt number(                                     | c).                        | Additional nam  | ne(s) & address(es) attached? Yes x No                           |
| 4.           | If this document is being filed          | together w                                     | ith a new application, the | e execution date  | of the application is:   |
|              | A. Patent Application Number: 09/878,943 |  |                            | B. Title of Invention: IMAGE PROCESSING APPARATUS, AN IMAGE PROCESSING METHODS AND COMPUTER PROGRAM |  |
|              | Filing Date: June 13, 2001               |  |                            | PRODUCT FOR C   | COMBINING PAGE DESCRIPTION LANGUAGE IMAGE<br>MAP IMAGE DATA.     |
|              |  |  |                            |   |  |
|              |  |  |                            |   |  |
|              |  | A ddition                                      | al numbers attached?       | Yes   | X No   |
|              |  |  |                            |   |  |
| 5.           | Name and address of party to             | me and address of party to whom correspondence |                            |   | applications and patents involved:                               |
|              | concerning document should b             |  |                            |   | One  |
|              | Name: Fitzpatrick                        | , Cella, Ha                                    | rper & Scinto              | 7. Total fee (3   | 37 CFR 3.41): \$ 40.00   |
|              | 30 Rockefe                               | eller Plaza                                    |                            | X Enclose   | ed   |
|              | New York, New York 10112-3801            |  | Authori                    | ized to be charged to deposit account   |  |
|              | Telephone No.: (212) 218-                |  |                            | 8. Deposit acc  | count number (for deficiency or excess)                          |
|              |  |  |                            | (1. 1. don  | 06-1205 plicate copy of this page if paying by deposit account): |
| ſ            | Facsimile No.: (212) 218-                | $\overline{}$                                  |                            | (Attach du  | plicate copy of any page 17.                                     |
| 3/22         | /2001 AAHHED1 00000213 0987894           |  | DO NOT USE                 | THIS SPACE  |  |
| FC           | 301                                      | 10.00 DP                                       |                            |   |  |
| 9.           | Statement and signature.                 | i  |                            | ion is true and the   | e attached is the original document or is a true                 |
|              | To the best of my knowledge              | and belief,                                    | the foregoing informat     | on is true and in   | e attached is the original document or is a true                 |
|              | copy of the original documer             | <br>(  |                            | on -  | 4  |
|              | Jack M. Arnold                           | \  | Juck M. hr                 | old Key H.  | . 25823 August 17, 2001 Date                                     |
| -            | Name of Person Signin                    | g  | Sig                        | nature  | ng cover sheet, attachments, and documents: 2                    |

JOINT (AFTER APPLICATION FILED)

## ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Atsushi Matsumoto and Shinichi Kato

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA

a corporation of JAPAN

having a place of business at

3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain inventions relating to

IMAGE PROCESSING APPARATUS, AN IMAGE PROCESSING METHODS AND COMPUTER PROGRAM PRODUCT FOR COMBINING PAGE DESCRIPTION LANGUAGE IMAGE DATA AND BITMAP IMAGE DATA

and described in an application for Letters Patent of the United States filed by us on June 13, 2001 and which has been accorded Application No. 09/878, 943

and in and to said application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right or priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignce or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby convenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby convenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

atsushi matsumoto

RECORDED: 08/20/2001

Shirishi Kato Date: August 6, 200/

PATENT REEL: 012086 FRAME: 0957