|   | <u> </u>   | 330  |
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| Form-PTO-1595 TRANS 1-31-92 NOV 1 7 1998 C Atty. Docket: 169.0931 |  |  |
|   | To the Commissioner of Patents 1009048   | original documents or copy thereof.  |
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| 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 Number: 09/143,430   | B. Title of Invention: METHODS AND APPARATUS FOR GENERATING IMAGES   |
| Ì   | Filing Date: 8/28/98   |  |
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|   | Additional numbers attached?   | Yes X No   |
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PATENT REEL: 9588 FRAME: 0366

FOR VALUE RECEIVED, WE Catherine Jane Lockeridge, Stephen Robert Bruce, Richard Lam, Bernard John Giannetti

citizens of Australia

residing, respectively, at 76 Fairview Ave. Engadine, New South Wales, 2233; 14 Glen Ormond Avc. Abbottsford, New South Wales 2046; 27 Kellick St. Waterloo, New South Wales 2017 and 18 Chowne Place, Middle Cove, New South Wales 2068, Australia respectively

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

a corporation of Japan

having a place of business at 30-2 Shirnomaruko 3-chome. 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 METHODS AND APPARATUS FOR GENERATING IMAGES

and described in an application for Letters Patent of the United States 09/143,430 filed by us on August 28, 1998 and in and to said application, and all divisions, renewals 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 for 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 the 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 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 Assignee 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 covenant 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 coverant and agree that we will communicate to said Assignee or nominees all facts known to us portaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to sid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

IN TESTIMONY WHEREOF, we hereunto set our hand and scal this 23 day of October 1998

Witness:

Lane

**RECORDED: 11/17/1998** 

Assignors:

Stephen Robert Bruge

Richard Lan <del>≥</del>₩ B.6.a

Bornard John Giannotti

(Joint Inventors) (2/13/92) A0000036.DOC

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PATENT **REEL: 9588 FRAME: 0367**