| Form-PTO-1595 1-31-92 9/18/07 | RECORDATION Atty. Docket:00169.147938 | | | | | |
|---|--|--|--|--|--|--|
| To the Director, U.S. Pate. 103447256 | attached original documents or copy thereof. | | | | | |
| Name of conveying party(ies): In Geoffrey COMBES | 2. Name and address of receiving party(ies): | | | | | |
| 2) Edward James ISKENDERIAN SEP 18 2007 | Name: CANON KABUSHIKI KAISHA | | | | | |
| 3) Vincent GROARKE 4) Joseph Leigh BELBIN 5) Michael Warwick CHIPMAN | Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku | | | | | |
| Additional name(s) of conveying party(ies) attached? Yes No | Tokyo, Japan | | | | | |
| 3. Nature of conveyance: X Assignment | Domestic Address: | | | | | |
| Execution Date: 1) April 20, 2007; 2), 4) and 5) April 19, 2007; and 3) March 29, 2007 | Additional name(s) & address(es) attached? Yes X No | | | | | |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, t | the execution date of the application is: | | | | | |
| A. Patent Application Number: 11/680,702 | B. Title of Invention: | | | | | |
| Filing Date: March 1, 2007 | EFFICIENT RENDERING OF PAGE DESCRIPTIONS | | | | | |
| Additional numbers attached? | Yes X No | | | | | |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Number of applications and patents involved: | | | | | |
| Name: Fitzpatrick, Cella, Harper & Scinto | One | | | | | |
| 30 Rockefeller Plaza | 7. Total fee (37 CFR 3.41): \$ 40.00 | | | | | |
| New York, New York 10112-3800 | X Enclosed ☐ Authorized to be charged to deposit account | | | | | |
| Telephone No.: (212) 218-2100 | 8. Deposit account number (for deficiency or excess) | | | | | |
| (212) 210 2100 | | | | | | |
| Facsimile No.: (212) 218-2200 | O6-1205 (Attach duplicate copy of this page if paying by deposit account): | | | | | |
| • | (Attach duplicate copy of this page if paying by deposts account): | | | | | |
| Facsimile No.: (212) 218-2200 DO NOT USE | O6-1205 (Attach duplicate copy of this page if paying by depost account): | | | | | |
| 9. Statement and signature. To the best of my knowledge and belief, the foregoing information | O6-1205 (Attach duplicate copy of this page if paying by deposs account): | | | | | |
| Facsimile No.: (212) 218-2200 DO NOT USE 7 | O6-1205 (Attach duplicate copy of this page if paying by deposs account): THIS SPACE on is true and the attached is the original documents r is a | | | | | |
| 9. Statement and signature. To the best of my knowledge and belief, the foregoing information true copy of the original document. Scott D. Malpede Reg. No. 32,533 Name of Berson Signing Signature | O6-1205 (Attach duplicate copy of this page if paying by depose account): THIS SPACE THIS SPACE September 18, 257 | | | | | |

Form #122 SDM\mm

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE

Ian Geoffrey Combes, an Australian citizen,

Edward James Iskenderian, an Australian citizen,

Vincent Groarke, an Irish citizen.

Joseph Leigh Belbin an Australian citizen

Michael Warwick Chipman an Australian citizen

residing at

18 Remly Street, Roselands, New South Wales 2196, Australia 26 Merryl Avenue, Toongabbie, New South Wales 2164, Australia

28 Kilbrack Lawn, Blackrock, Cork, Ireland

8/378 Herbert Street, Summer Hill, New South Wales 2130, Australia 2/9A Turimetta Street, Mona Vale, New South Wales 2103, Australia

hereby sell, assign, transfer and convey unto Canon Kabushiki Kaisha

a corporation of Japan

having a place of business at 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146, JAPAN

Efficient rendering of page descriptions

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

and described in an application for Letters Patent of the United States filed by us on 1 March 2007

and which has been accorded Application No. 11/680702

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 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, 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 covenant 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 divisional, 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.

By Ma John San Geoffrey Combes

Date: Day Month Year

720036 vsg

| Ву: _ | Edward James Iskenderian | Date: | <u>t9</u> | Day | OG 2007 Month Year |
|-------|-------------------------------------|---------|-----------|--------------|-----------------------|
| Ву: | Vincent Groarke | Date: _ | Day | Month | Year |
| Ву: _ | Joe Bul- Joseph Leigh Belbin | Date: | 19 Day | O 4 Month | 2007 Year |
| Ву: _ | Mi. Offman Michael Warwick Chipman | Date: _ | [9] | o y | 2007 Year |

S&F REF: 781081US

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WB

Ian Geoffrey Combes, an Australian citizen,

Edward James Iskenderian, an Australian citizen,

Vincent Groarke, an Irish citizen.

Joseph Leigh Belbin an Australian citizen

Michael Warwick Chipman an Australian citizen

residing at

18 Remly Street, Roselands, New South Wales 2196, Australia

26 Merryl Avenue, Toongabbie, New South Wales 2164, Australia

28 Kilbrack Lawn, Blackrock, Cork, Ireland

8/378 Herbert Street, Summer Hill, New South Wales 2130, Australia 2/9A Turimetta Street, Mona Vale, New South Wales 2103, Australia

hereby sell, assign, transfer and convey unto Canon Kabushiki Kaisha

a corporation of Japan

having a place of business at 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146, JAPAN

Efficient rendering of page descriptions

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

and described in an application for Letters Patent of the United States filed by us on 1 March 2007

and which has been accorded Application No. 11/680702

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 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, 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 covenant 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 divisional, 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.

By Ma See Combes

Date: Day Month Year

720036 VSE

| By: | <u> </u> | Date: | | | |
|------------------------------------|----------|---------|-----------|-------------|---------------|
| Edward James Iskenderian | | | | Day | Month Year |
| By: Nucent Groathe Vincent Groathe | _ | Date: | 29 Day | Q3 Month | 2007- Year |
| By: Joseph Leigh Belbin | _ | Date: _ | Day | Month | Year |
| By: Michael Warwick Chipman | | Date: _ | Day | Month | Year |
| S&F REF: 781081US | | | | | |

720036 vsg

RECORDED: 09/18/2007