		_ 02-18-2000	
For 1-31	m-PTO-1595 TRANSMITTAL OF I	1	Atty. Docket:169.1488
	To the Commissioner of Patents and Trademarks	<u>s:</u> 101270076	its or copy thereof.
1.	Name of conveying party(ies):  James Philip Andrew, and Dominic Yip  Additional name(s) of conveying party(ies) attached  Yes  X	2. Name and address of receivin  Name: <u>CANON KABUSHIKI KA</u> Foreign Address: <u>30-2, Shimoma</u>	AISHA
3.	Nature of conveyance:    X Assignment	Domestic Address:	
	Execution Date: January 5, 2000	City: 5	State ZIP
		Additional name(s) & address(es)	
4.	Application number(s) or patent number(s): If this document is being filed together with a new application Number: 09/430,027 Filing Date: October 29, 1999	B. Title of Invention: A ME	ETHOD AND APPARATUS DOED REPRESENTATION
	Additional numbers att	ached? Yes X No	
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Number of applications and p	
	Name: Fitzpatrick, Cella, Harper & Scinto	<u> </u>	
	30 Rockefeller Plaza	7. Total fee (37 CFR 3.41):	\$ 40.00
	New York, New York 10112-3801	X Enclosed Authorized to be charged	to deposit account
	Telephone No.: (212) 218-2100	8. Deposit account number (for	•
	Facsimile No.: (212) 218-2200	06-12	205 age if paying by deposit account):
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9.	Statement and signature.  To the best of my knowledge and belief, the foregoing true copy of the original document.	information is true and the attached is the o	riginal document or is a
<b>/</b>	Leonard P. Diana	X Par	January 20, 20)0
2/16/	Name of Person Signing	Signature sumber of pages including cover sheet, attack	Date
1 FC:		1 0 0	

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ittorney's Docket No	PATENT
	For: ☐ U.S. and/or ☐ Foreign Rights For: ☐ U.S. Application or ☐ U.S. Patent For: ☐ PCT Application By: ☐ Inventor(s) or ☐ Present Owner
ASSIGNME	NT OF INVENTION
	SSIGNEE to ASSIGNOR of the sum of One Dol ar acknowledged, and for other good and valuable
SSIGNOR:	James Phillip Andrew and
nventor(s) or person(s) or	Dominic Yip
intity(ies) who own the invention)	type or print name(s) of ASSIGNOR(S)) 19 King Street, Waverton, New South Wates, 2070 & 27 Rept Street, New South Wales,
	2060 & 27 Bent Street, New South Wales, 2070 (Address) AUSTRALIA respectively
	New Zealand & Australian Citizens (Nationality)
• • • • • • • • • • • • • • • • • • • •	to whom invention was previously assigned and d in PTO, add the following)
Recorded on	
Reel	
Frame	
hereby sells, assigns and transfers to	
ASSIGNEE:	Canon Kabushili Kaisha
	(type or print name(s) of ASSIGNOR(S))
	30-2, Shimomaruko 3-chome, Ohta-ku,
	(Address)
	Tokyo, JAPAN
	incorporated in Japan
	(Nationality)
and the successors, assigns and legal	representatives of the ASSIGNEE

IRN: 477053US

(Assignment of Invention [16-3]—page 1 of 3)

PATENT REEL: 010549 FRAME: 0429

## (complete one of the following)

	$\mathbf{X}$	the entire right, title and interest
		an undivided percent (%) interest
for the	e Un	ited States and its territorial possessions
		(check the following box if foreign rights are also to be assigned)
		and in all foreign countries, including all rights to claim priority,
in and	ot b	any and all improvements which are disclosed in the invention entitled: Method and Apparatus for Decoding a Coded Representation of
		Digital Image
		(check and complete (a), (b), (c) or (d))
and v	vhich	is found in
(a)		U.S. patent application executed on even date herewith
(p)		U.S. patent application executed on
÷		To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above, to insert below the filing date and application number when it becomes known.
(C)	X	U.S. application serial no. 09 /430,027 filed on 29 October 1999
(d)		International application no. PCT//
(e)		U.S. patent no issued
		A change of address to which correspondence is to be sent, regarding patent maintenance fees is being sent separately.
		(also check (e) if foreign application(s) is also being assigned)
(f)		and any legal equivalent thereof in a foreign country, including the right to claim pnority
or an	у со	d to, all Letters Patent to be obtained for said invention by the above application ntinuation, division, renewal, or substitute thereof, and as to letters patent any re-examination thereof
AS	SIGN	IOR hereby covenants that no assignment, sale, agreement or encumbrance has

ASSIGNOR 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 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 related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and 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.

(Assignment of Invention [16-3]—page 2 of 3)

IRN: 477053US

REPORT NO. 1 Date of signing must be the above.	ne same as the date of execution of the application if item (a) was checked.
	Signature of ASSIGNOR(S) James Phillip Ancre
	Danine Com
	Dominic Vin
	Sominic Yip
ASSIGNOR is a legal entity co	mplete the following information
ASSIGNOR is a legal entity co	

(Assignment of Invention [16-3]—page 3 of 3)

IRN: 477053US

PATENT
RECORDED: 01/21/2000 REEL: 010549 FRAME: 0431