Form-PTO-1595 TRA 1-31-92		ORDATION Atty. Docket: 0862.022671.
To the Director, U.S. Patent ar	i marter vante marter trans arreit arreit filten afren folle illat	ned original documents or copy thereof.
Name of conveying party(ies):	102165368	address of receiving party(ies):
Yoshito Maekawa and 7 - 10 Toshiaki Igarashi		NON KABUSHIKI KAISHA
Additional name(s) of conveying party(ies) Yes X No	attached?	dress: 3-30-2, Shimomaruko, Ohta-ku
		Tokyo, Japan
3. Nature of conveyance: X Assignment Merge: Security Agreement Change Other	e of Name	ddress:
D D . 11 0 0000 111 0 00	202	
Execution Date: <u>July 2, 2002 and July 2, 20</u>		State ZIP
	Additional	name(s) & address(es) attached?
A. Patent Application Number: Filing Date: 10,19154 Additional	7 A METHO	e of Invention: D AND APPARATUS FOR IG NETWORK DEVICES X No
Name and address of party to whom correst concerning document should be mailed:	pondence 6. Number	of applications and patents involved:
Name: <u>Fitzpatrick, Cella, Harp</u>	er & Scinto	One
30 Rockefeller Plaza	7. Total fe	e (37 CFR 3.41): \$ 40.00
New York, New York	X Encl	osed norized to be charged to deposit account
Telephone No.: (212) 218-2100	8. Deposit	account number (for deficiency or excess)
Facsimile No.: (212) 218-2200	(A#-ah-	06-1205
7/22/2002 TBIAZI 00000123 10191547	(Attach o	duplicate copy of this page if paying by deposit account):
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document. Frank A. DeLucia (Reg. No. 42,476) July 9, 2002		
Name of Person Signing	Signature	Date
	Total number of pages including	ng cover sheet, attachments, and documents: 2

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PATENT REEL: 013099 FRAME: 0473

JOINT

(BEFORE APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE. Yoshito Maekawa and Toshiaki Iqarashi

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

A METHOD AND APPARATUS FOR MANAGING NETWORK DEVICES

and described in an application for Letters Patent of the United States executed by each of us, respectively, on the date indicated below 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 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 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 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: Goshito Maekawa Yoshito Maekawa	Date: July 2, 2002
By: Toshiaki Igarashi Toshiaki Igarashi	Date: July 2, 2002
By:	Date:
Ву:	Date:
By:	Date:
By:	Date:

PATENT REEL: 013099 FRAME: 0474