To the Director, U.S. Patent and Trademark	Atty. Docket: 03500.017207  documents or copy thereof.  2429257 ceiving party(ies):  Name: CANON KABUSHIKI KAISHA  Foreign Address: 3-30-2, Shimomaruko, Ohta-ku  Tokyo, Japan
Nature of conveyance:  X Assignment	Domestic Address:
	City: State ZIP  Additional name(s) & address(es) attached?
If this document is being filed together with a new application,  A. Patent Application Number: Not Yet Assigned Filing Date: April 17, 2003   /////////////////////////////////	B. Title of Invention:  HEATER HAVING AT LEAST ONE CYCLE PATH RESISTOR AND IMAGE HEATING APPARATUS THEREIN  Yes X No
Name and address of party to whom correspondence concerning document should be mailed:      Name: Fitzpatrick, Cella, Harper & Scinto	6. Number of applications and patents involved: One
30 Rockefeller Plaza  New York, New York 10112-3801	7. Total fee (37 CFR 3.41): \$ 40.00  X Enclosed Authorized to be charged to deposit account
Telephone No.: (212) 218-2100  Facsimile No.: (212) 218-2200	8. Deposit account number (for deficiency or excess)  06-1205  (Attach duplicate copy of this page if paying by deposit account):
23/2 03 GTON11 00000185 10417133 C:B 21 40.00 DP DO NOT USE	
9. Statement and signature.  To the best of my knowledge and belief, the foregoing informative true copy of the original document.  B ian L. Klock - Reg. No. 36,570	ion is true and the attached is the original document or is a  April 17, 2003
Name of Person Signing Signs	· · · · · · · · · · · · · · · · · · ·

PATENT REEL: 013978 FRAME: 0743

**JOINT** 

(BEFORE APPLICATION FILED)

## ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Akira Kato, Yoji Tomoyuki, Yusuke Nakazono, Kenichi Ogawa and Hiroyuki Sakakibara

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

**RECORDED: 04/17/2003** 

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

## HEATER HAVING AT LEAST ONE CYCLE PATH RESISTOR AND IMAGE HEATING APPARATUS THEREIN

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.

Bv:	akira Kato	Date:	April 11, 2003
A	Akira Kato		
By:	Gozi Tomoguki	Date:	April 11, 2003
Y	oji Tomoyuki		, <b>,</b>
By:	Jusuke nakazone-	Date:	April 11, 2003
Y	Yusuke Nakazono		
Ву:	Kenichi Ogawa	Date:	April 11, 2003
K	Kenichi Ogawa		
Ву:	Hroyuki Sakakibara	Date:	Spril 11. 2003
	tirovuki Sakakibara		

PATENT REEL: 013978 FRAME: 0744