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| Form-PTO-1595 ARANSMIT | | | TION Atty. Dock | ket: 35.C15612 |
| To the Director, U.S. Patent and Trade | 10189 | 95002 | ginal documents or copy th | |
| 1. Name of conveyifig party (ies): | 701 | | ss of receiving party(ies): | |
| TERUO OZAKI, MASAMI IKEDA, MASAMI KASAMOTO, ICHIRO SAITO, HIROYUKI ISHINAGA, SHUJI KOYAMA, YOSHINORI MISUMI, JUNICHIRO IRI and MUGA MOCHIZUKI | | Name: CANON KABUSHIKI KAISHA | | |
| Additional name(s) of conveying party(ies) atta | ched? | - | -2, Shimomaruko 3-chome, | Ohta-ku |
| Yes X No | | | Гокуо, Japan | |
| 3. Nature of conveyance: X Assignment | Name | Domestic Address: | | |
| Execution Date: <u>10/01/01; 10/03/01; 10/01/01; 10/01/01;</u> <u>10/02/01; 10/03/01; 10/01/01; 10/03/01; 10/03/01;</u> | | City: | State | _ ZIP |
| | | Additional name(s) | & address(es) attached? | ☐ Yes ☐No |
| Filing Date: July 27, 2001 Additional num | bers attached? | FOR MANUFACTU METHOD FOR MA METHOD FOR US RECORDING APPA | BSTRATE, INK JET HEAD SUJEING INK JET HEAD SUNUFACTURING INK JET ING INK JET HEAD AND ARATUS | JBSTRATE, Γ HEAD, |
| Name and address of party to whom correspond | dence | | cations and patents involved | 1. |
| concerning document should be mailed: | lence | o. Number of appin | • | Γ. |
| Name: Fitzpatrick, Cella, Harper & | Scinto | | One | |
| 30 Rockefeller Plaza | | 7. Total fee (37 CF | R 3.41): \$ | 40.00 |
| New York, New York 1011 | 2-3801 | X Enclosed Authorized to | be charged to deposit acco | unt |
| Telephone No.: (212) 218-2100 | | 8. Deposit account | number (for deficiency or e | xcess) |
| Facsimile No.: (212) 218-2200 | | (Attach duplicate | 06-1205 copy of this page if paying by | donosit account) |
| 1/09/2001 TDIAZ1 00000015 09915422 | | (Attach dupheate t | copy of this page it paying by t | deposit account): |
| 1 FC:581 40.00 OP | DO NOT USE T | HIS SPACE | | |
| 9. Statement and signature. To the best of my knowledge and belief, the fore copy of the original document. PETER G. THURLOW Name of Berson Signing | egoing information | is true and the attack | November 6, | |
| Name of Person Signing | Signat Total number of r | ages including cover | Date sheet, attachments, and documents. | uments: 3D |
| A Thomas and the second of the | - om tamour of p | | PATENT : 012299 FRAME: | |

REEL: 012299 FRAME: 0246

JOINT

(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Teruo Ozaki, Masami Ikeda, Masami Kasamoto, Ichiro Saito, Hiroyuki Ishinaga, Shuji Koyama, Yoshinori Misumi, Junichiro Iri and Muga Mochizuki

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

INK JET HEAD SUBSTRATE, INK JET HEAD, METHOD FOR MANUFACTURING INK JET HEAD, METHOD FOR MANUFACTURING INK JET HEAD, METHOD FOR USING INK JET HEAD AND INK JET RECORDING APPARATUS

and described in an application for Letters Patent of the United States filed by us on July 27, 2001 and which has been accorded Application No. 09/915, 422

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 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 filed by it or them, the benefit of the right or 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 convenant 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 convenant 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: Teruo Ozaki Teruo Ozaki | Date: Ectolier 1.3.001 |
|--|------------------------|
| By: Masami Ikeda | Date: October 3, 200/ |
| By: Manni Kasamoto Masami Kasamoto | Date: October 1. 200/ |
| By: Ichiro Salto Ichiro Saito | Date: October 1, 200/ |
| By: Wroynki Ishinaga Hiroyuki Ishinaga | Date: October 2, 200/ |

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| By: Ship Kojama Shuji Koyama | Date: October 3, 2001 |
|---|------------------------|
| By: Moshinon Misumi Yoshinori Misumi | Date: Cictober 1, 2001 |
| By: <u>Junidure lu</u> Junichiro Iri | Date: October 3 2001 |
| By: Muga Mochizuki Muga Mochizuki | Date: October 3.200/ |
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| Ву: | Date: |
| By: | Date: |
| B _v . | Date |

RECORDED: 11/07/2001

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