

12-20-1999

Form-PTO-1595

TRAN

1-31-92 MRD 12.7.99



RDATION

Atty. Docket: 35.G2463

To the Honorable Commissioner of P

101227991

ached original documents or copy thereof.

1. Name of conveying parties:

KOJI ARAI, MASANORI SAKAI and YASUHIRO KOZUKA



Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and address of receiving party:

Name: CANON KABUSHIKI KAISHA

Foreign Address: 30-2, Shinomaruko, 3-chome, Ohta-ku Tokyo, Japan

Domestic Address:

City: State ZIP

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger Security Agreement Change of Name Other

Execution Date: November 17, 1999 and November 19, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application Serial Number:

09/407,082

Filing Date September 28, 1999

B. Title of Invention:

A READER CONTROLLER CONNECTED TO A PRINTER CONTROLLER

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Fitzpatrick, Cella, Harper & Scinto

30 Rockefeller Plaza

New York, New York 10112-3801

Telephone No: (212) 218-2100

Facsimile No: (212) 218-2200

6. Number of applications and patents involved:

One

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

(Attach duplicate copy of this page if paying by deposit account):

DO NOT USE THIS SPACE

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

(38,586)

Joseph W. Ragusa

Name of Person Signing

Joseph W. Ragusa
Signature

December 6, 1999

Date

Total number of pages including cover sheet, attachments, and documents: 2

12/17/1999 TDM11 00000275 09487082

01 FC:581

40.00 OP

PATENT REEL: 010438 FRAME: 0575

JOINT
(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Koji Arai, Masanori Sakai and Yasuhiro Kozuka
citizens of Japan

residing, respectively, at 2-98-8, Toro-cho, Ohmiya-shi, Saitama-ken, Japan; 1-
25-7, Maruyama, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan and
493-2302, Ohmaru, Inagi-shi, Tokyo, Japan

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, 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 READER CONTROLLER CONNECTED TO A PRINTER CONTROLLER

and described in an application for Letters Patent of the United States of the United States filed by us on September 23,
1999

and which has been accorded Application No. 09/407,082

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 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 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 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, to 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: Koji Arai
Koji Arai

Date: November 17, 1999

By: Masanori Sakai
Masanori Sakai

Date: November 19, 1999

By: Yasuhiro Kozuka
Yasuhiro Kozuka

Date: November 19, 1999

By: _____

Date: _____

By: _____

Date: _____