

05-13-2002

FORM PTO-1595
(Rev. 6-93)U.S. DEPARTMENT OF COMMERCE
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102086916

REGISTRATION FORM COVER SHEET

PATENTS ONLY

Attorney Docket No.: 054791-5008

To the Commissioner for Patents

Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

Hiroyuki SUDA

5-6-02

Additional names of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: PIONEER CORPORATION

Internal Address: No. 4-1, Meguro 1-chome, Meguro-ku,
Tokyo-to, Japan

Street Address:

City:

State:

Zip:

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Additional name(s) & address(es) attached?

☐ Yes ☒ NoExecution Date: April 16, 20024. New Application number(s) or patent number(s): **NEW APPLICATION**

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

10,138479

April 16, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No5. Name and address of party to whom
correspondence concerning document should be
mailed:Name: **John G. Smith**Internal Address: **Morgan, Lewis & Bockius LLP**
Customer No. 09629Street Address: 1111 Pennsylvania Avenue, N.W.
City: Washington State: D.C. Zip: 20004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00☐ Enclosed☒ Authorized to be charged to Deposit Account 50-03108. Deposit Account No. 50-0310
(Attach duplicate page if paying by deposit account)

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true
copy of the original document.John G. Smith Reg. No. 41,040

Name of Person Signing

Signature

May 6, 2002

Date

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



05/10/2002 6TON11 00000140 500310 10138479

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ATTORNEY DOCKET NO.:SOLE/JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:
HYBRID PROCESSING METHOD AND APPARATUS, NAVIGATION SYSTEM, PROGRAM STORAGE DEVICE AND COMPUTER
DATA SIGNAL EMBODIED IN CARRIER WAVE
for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on _____, (Application No. _____); and

WHEREAS, PIONEER CORPORATION, a corporation of Japan
_____, whose post office address is No. 4-1 Meguro 1-chome,
Meguro-ku, Tokyo-to, Japan

_____ (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed May 6, 2002) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Hiroyuki SUDA	Assignor's Signature HIROYUKI SUDA	Date 4.16.2002
Address c/o Pioneer Corporation, Kawagoe Works. No. 25-1 Aza-Nishicho, Yamada, Kawagoe-shi, Saitama-ken, Japan		Citizenship Japanese
Full Name of Second Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached [] Yes [X] No		

Morgan, Lewis & Bockius LLP