

4/11/02

04-17-2002

ASA-1046

PATENTS ONLY (ref OG 7/28/92)



102057426

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original document or copy thereof.

1. Name of Party(ies) conveying an interest:

Katsumi TADA
Naohiro KOIZUMI
Hisashi TAKATORI



2. Name and Address of Party(ies) receiving an interest:

HITACHI, LTD.
6, Kanda Surugadai 4-chome
Chiyoda-ku, Tokyo, JAPAN

HITACHI SYSTEMS & SERVICES, LTD.
2-16, Omori-kita 3-chome,
Ota-ku, Tokyo, JAPAN

3. Description of the interest conveyed: Assignment

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

Additional sheet attached? Yes XXX No

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

A. Patent Application No.(s)

10/015,800

B. Patent No.(s)

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

John R. Mattingly
Mattingly, Stanger & Malur, P.C.
1800 Diagonal Road, Suite 370
Alexandria, Virginia 22314

6. Number of applications and patents involved: One

7. Amount of fee enclosed or authorized to be charged: \$40.00

8. The Commissioner is hereby authorized to charge Deposit Account No. 50-1417 if no check is attached.

DO NOT USE THIS SPACE

9. Execution date of attached document: March 11 and 12, 2002

10. To the best of my knowledge and belief, I declare under penalty of perjury under the laws of the United States of America that the foregoing information is true and correct and that any attached copy is a true copy of the original document.

John R. Mattingly
Name of Person Signing

Signature

April 10, 2002
Date

Total number of pages being submitted: 2

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PATENT
REEL: 012782 FRAME: 0833

ASSIGNMENT

(讓渡証)

with-71 a

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Katsumi TADA, Naohiro KOIZUMI, and Hisashi TAKATORI, citizens of Japan by HITACHI, LTD., and Hitachi Systems & Services, Ltd., corporations organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 2-16, Omori-kita 3-chome, Ota-ku, Tokyo, Japan, respectively,

receipt of which is hereby acknowledged, we, the said Katsumi TADA, Naohiro KOIZUMI, and Hisashi TAKATORI, do hereby sell and assign to said HITACHI, LTD., and Hitachi Systems & Services, Ltd.,

their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

METHOD AND SYSTEM FOR EXPANDING DOCUMENT RETRIEVAL INFORMATION

*U.S. Serial No. 10/015,800 filed on December 17, 2001

invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., and Hitachi Systems & Services, Ltd.,

their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD., and Hitachi Systems & Services, Ltd.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)

(発明者フルネームサイン)

Date Signed

(署名日)

- 1) Katsumi Tada Mar. 11, 2002
Katsumi TADA
- 2) Naohiro Koizumi Mar. 12, 2002
Naohiro KOIZUMI
- 3) Hisashi Takatori Mar. 11, 2002
Hisashi TAKATORI
- 4) _____
- 5) _____
- 6) _____
- 7) _____
- 8) _____
- 9) _____
- 10) _____