

07-18-2001

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B-4235 618927-6

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Patent and Trademark Office

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(1) Hisao FURUKAWA
(2) Shoji MIYAGUCHIAdditional name(s) of conveying parties attached? ☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment of (1) an undivided 60% interest to
The Distribution Systems Research Institute and
(2) an undivided 40% interest to
Miyaguchi Research Co., Ltd.☐ Merger☐ Security Agreement ☐ Change of Name☐ Other

Execution Date(s): June 22, 2001

2. Name and address of receiving parties:

(1) Name: The Distribution Systems Research Institute
Street Address: 7-3-37, Akasaka, Minato-Ku
City: Tokyo State:
Zip: Country: JAPAN(2) Name: Miyaguchi Research Co., Ltd.
Street Address: 1-4-4, Sugano, Ichikawa-shi
City: Chiba State:
Zip: Country: JAPANAdditional name(s) & address(es) attached? ☐ YES ☒ NO

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: June 22, 2001

A. Patent Application No(s):

B. Patent No(s):

Additional numbers attached? ☐ YES ☒ NO

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

Mavis S. Gallenson
Name: LADAS & PARRY

Internal Address:

Street Address: 5670 Wilshire Boulevard, #2100

City: Los Angeles State: CA Zip: 90036

6. Total number of application and patents involved: [1]

7. Total fee 937 CFR 3.41).....\$ 40.00
☒ EnclosedAny additional fees which may be required are
☒ Authorized to be charged to deposit account
No. 12-0415

8. Deposit account number:

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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 Palmer

Name of Person Signing

Reg. No. 36,885

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PATENT
REEL: 011975 FRAME: 0104

Attorney's Docket No. B-4235 618927-6**Patent**

For: ☐ U.S. and/or ☐ Foreign Rights
 For: ☒ U.S. Application or ☐ U.S. Patent
 For: ☐ PCT Application
 By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

(inventor(s) or person(s) or entity(ies) who own the invention)

Hisao FURUKAWA

(type or print name(s) of ASSIGNOR(S))

2-27-7, Isehara-cho, Kawagoe-shi,
Saitama, Japan

(Address)

Japanese

(Nationality)

Shoji MIYAGUCHI

(type or print name(s) of ASSIGNOR(S))

1-4-4, Sugano, Ichikawa-shi, Chiba,
Japan

(Address)

Japanese

(Nationality)

(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)

Recorded**on** _____**Reel** _____**Frame** _____

hereby sells, assigns and transfers to

ASSIGNEE:The Distribution Systems Research Institute

(type or print name(s) of ASSIGNEE(S))

7-3-37, Akasaka, Minato-ku, Tokyo, Japan

(Address)

Japanese

(Nationality)

and the successors, assigns and legal representatives of the ASSIGNEE
 (complete one of the following)

☐ the entire right, title and interest

☒ an undivided sixty percent (60%) interest for the
 United States and its territorial possessions

ASSIGNEE:Miyaguchi Research Co., Ltd.(type or print name(s) of ASSIGNEE(S))1-4-4, Sugano, Ichikawa-shi, Chiba,Japan(Address)Japanese(Nationality)

(complete one of the following)

☐ the entire right, title and interest☒ an undivided forty percent (40%) interest for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:INTEGRATED INFORMATION COMMUNICATION SYSTEM

(check and complete (a), (b), (c) or (d))

and which is found in

(a) ☒ U.S. patent application executed on even date herewith(b) ☐ U.S. patent application executed on _____☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above, to insert below the filing date and application number when it becomes known.(c) ☐ U.S. Application serial no. 09/ _____ filed on _____.(d) ☐ International application no. PCT/_____/_____(e) ☐ U.S. Patent no. _____ issued _____☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (e) if foreign application(s) is also being assigned)

(f) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

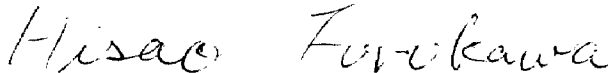
(Assignment of Invention [16-3]--page 2 of 3)

(Assignment of Invention [16-3]--page 2 of 3)

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal
this 22nd day of June, 2001 (*date of signing*).

*Warning: Date of signing must be the same as the date of execution of the application
if item (a) was checked above.*

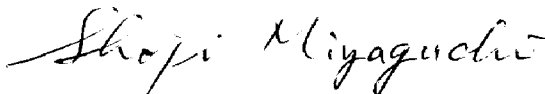


Signature of ASSIGNOR(S)

Hisao FURUKAWA

IN WITNESS WHEREOF, I/We have hereunto set hand and seal
this 22nd day of June, 2001 (*date of signing*).

*Warning: Date of signing must be the same as the date of execution of the application
if item (a) was checked above.*



Signature of ASSIGNOR(S)

Shoji MIYAGUCHI