



Packet No.: 14321.20

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office



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

1. Name of conveying party(ies): Nobuyuki Yamasaki 3-20-00 Additional names(s) of conveying party(ies) [] Yes [X] No

2. Name and address of receiving party(ies): Secretary of Agency of Industrial Name: Science and Technology Address: 3-1, Kasumigaskei 1-chome Chiyoda-ku City: Tokyo State/Prov.: Country: JAPAN ZIP: 100-8921 Additional name(s) & address(es) [] Yes [X] No

3. Nature of conveyance: [] Assignment [] Merger [] Security Agreement [] Change of Name [X] Other Undivided 50% Assignment Execution Date: March 1, 2000

4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. 09/452,351 Filing date December 1, 1999 Additional numbers [] Yes [X] No

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 40.00 [X] Enclosed - Any excess or insufficiency should be credited or debited to deposit account [] Authorized to be charged to deposit account

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Dana L. Tangren Registration No. 37,246 Address: WORKMAN, NYDEGGER & SEELEY 1000 Eagle Gate Tower 60 East South Temple City: Salt Lake City State/Prov.: Utah Country: USA ZIP: 84111

8. Deposit account number: 23-3178

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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.

Dana L. Tangren

Name of Person Signing

Signature

March 15, 2000

Date

Total number of pages including cover sheet, attachments, and

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WHEN RECORDED RETURN TO:

PATENT APPLICATION

Docket No: 14321.20

Workman, Nydegger & Seeley
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

ASSIGNMENT

I the under signed, hereinafter referred to as "Assignor", am the inventor of an invention entitled COMMUNICATIONS METHOD AND COMMUNICATIONS SYSTEM. Preferred embodiments of said invention are disclosed in a United States patent application which:

[] is executed concurrently herewith for filing in the United States Patent and Trademark Office.

[X] was previously filed in the United States Patent and Trademark Office on December 1, 1999, Application Serial No. 09/452,351.

[] is a United States National Application of PCT International Application No. _____, filed _____.

The Assignee, Secretary of Agency of Industrial Science and Technology, a corporation of Japan, having a principal place of business at 3-1, Kasumigaskei 1-chome, Chiyoda-ku, Tokyo 100-8921, JAPAN, desires to secure 50% of the entire right, title and interest in said application.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledge, ASSIGNOR HEREBY ASSIGN TO THE ASSIGNEE:

Fifty Percent (50%) of the entire right, title and interest in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all patents issuing thereon in the United States.

The right to claim the benefits of any prior related United States or foreign applications.

Assignor hereby authorize and request the United States Commissioner of Patents and Trademarks, to issue any and all patents on said application to the Assignee as the owner of Fifty Percent (50%) of the entire interest, for the use and behoof of the said Assignee, its successors, assigns and legal representatives.

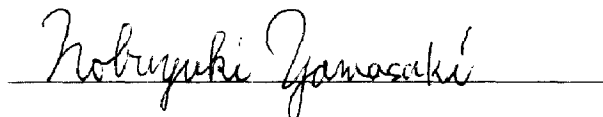
Assignor hereby agrees, without further consideration, to sign all lawful papers and to perform all other lawful acts which the Assignee may request Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States applications and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said application.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Dated this 1st day of March, 2000.

A handwritten signature in cursive script, reading "Nobuyuki Yamasaki", is written over a horizontal line.

Nobuyuki Yamasaki

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