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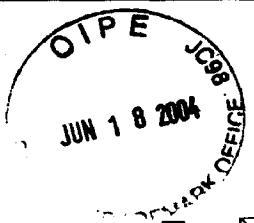


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1. Name of conveying party(ies):
(1) Zhipeng ZHANG
(2) Kiyotaka OTSUJI
(3) Toshiaki SUGIMURA
(4) Sadaoki FURUI



2. Name and address of receiving party(ies)
Name Street Address:
1. NTT DoCoMo, Inc.
11-1, Nagatacho 2-chome
Chiyoda-ku, Tokyo 100-6150
JAPAN
2. Sadaoki Furui
2-36-6, Shinmachi, Setagaya-ku
Tokyo 154-0014
JAPAN
Additional name(s) & address(es) attached? Yes No

Additional name(s) of conveying party(ies) attached? Yes No
3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: (1-4) March 15, 2004

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 No.(s)
10/796,283

B. Patent Registration No.(s)
Additional number(s) attached Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Crowell & Moring LLP**
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Internal Address:
PO Box 14300
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6. Total number of applications and patents involved 1
7. Total fee (37 CFR 3.41)..... \$40.00
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PATENT
REEL: 015482 FRAME: 0086

ASSIGNMENT

WHEREAS, Zhipeng ZHANG, a citizen of China, Kiyotaka OTSUJI, and Toshiaki SUGIMURA, citizens of Japan whose address are c/o Intellectual Property Department of NTT DoCoMo, Inc., SANNO PARK TOWER, 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150, Japan, respectively, and Sadaoki FURUI, a citizen of Japan, whose address is 2-36-6, Shinmachi, Setagaya-ku, Tokyo 154-0014, Japan (hereinafter "ASSIGNORS"), have invented certain new and useful improvements in NOISE ADAPTATION SYSTEM OF SPEECH MODEL, NOISE ADAPTATION METHOD, AND NOISE ADAPTATION PROGRAM FOR SPEECH RECOGNITION for which a United States Patent Application is about to be made, and

WHEREAS, NTT DoCoMo, Inc., a corporation organized and existing under and by virtue of the laws of Japan, and having its principal place of business at 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150, Japan, and Sadaoki FURUI, a citizen of Japan, whose address is 2-36-6, Shinmachi, Setagaya-ku, Tokyo 154-0014, Japan (hereinafter collectively "ASSIGNEES") are desirous of acquiring all right, title, and interest in and to the aforesaid invention, and in, to, and under any and all Patents to be obtained therefor in the United States and in any foreign country;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS, have and by these presents do hereby sell, assign and transfer unto said ASSIGNEES, their successors and assigns, their entire right, title and interest in and to said invention as described in said United States Patent Application in any form or embodiment thereof in the United States and in and to the aforesaid

patent application, patents, reissues or extensions thereof to be obtained in the United States on said invention, and any divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention in the United States; and the issuing authority is hereby authorized and requested to issue any and all patents on said invention to said ASSIGNEES.

ASSIGNORS further agree without any payment of ASSIGNEES, other than expenses incurred by ASSIGNORS, to communicate to ASSIGNEES, their representatives or agents, facts relating to said invention, including evidence for interference purposes or for other proceedings, whenever requested; to testify in any interference or other proceedings, whenever requested; and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon any heirs, legal representatives, administrators and assigns, and ASSIGNORS hereby warrant that, at the time of execution and delivery of this instrument, they are the lawful owners of the entire right, title and interest in and to said invention and said Patent Application, and that the same are unencumbered and that they have good and full right and law full authority to sell and convey the same in the manner herein set forth;

ASSIGNORS hereby grant to the firm of CROWELL & MORING LLP, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

IN WITNESS WHEREOF, ASSIGNORS have set their hands and seals
hereunto this 15th day of March 2004.

Inventors:

Zhipeng Zhang

Zhipeng ZHANG

Kiyotaka Otsuji

Kiyotaka OTSUJI

Toshiaki Sugimura

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Sadaoki Furui

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Witnesses:

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Hiromi SUDO

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Takeyuki NAGURA