



05-19-2003



102451456

D \$

Atty Docket No.: 234712US90

FORM PTO-1585 1-31-92

5-14-03

REGISTRATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Hiroyuki MANABE, Akira HIRAIWA and Toshiaki SUGIMURA

2. Name and address of receiving party(ies):
Name: NTT DoCoMo, Inc.
Address: 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo, Japan

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: April 21, 25, and 24, 2003

Additional name(s) and 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:

A. Patent Application No.(s)
10/377,822

B. Patent No.(s)

Additional numbers attached? Yes No

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



22850

Tel. (703) 413-3000
Fax. (703) 413-2220

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 15-0030
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Masayasu Mori
Name of Person Signing

Joseph A. Scafetta Jr.
Signature

May 13, 2003
Date

Registration Number: 47,301

Joseph A. Scafetta, Jr.
Registration No. 26,803

Total number of pages including this cover sheet: 3

05/16/2003 LNUELLER 00000083 10377822

01 FC:8021

40.00 00

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office
Mail Stop Assignment Recordation Services
Alexandria, Virginia. 22313

PATENT
REEL: 014068 FRAME: 0267

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) Hiroyuki MANABE of Yokosuka-shi, Kanagawa Japan
Akira HIRAIWA of Yokohama-shi, Kanagawa Japan
Toshiaki SUGIMURA of Yokohama-shi, Kanagawa Japan

_____, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: SPEECH RECOGNITION SYSTEM, SPEECH
RECOGNITION METHOD, SPEECH SYNTHESIS SYSTEM, SPEECH SYNTHESIS METHOD, AND PROGRAM
PRODUCT

INSERT DATE
INVENTORS SIGNED
DECLARATION:

For which an application for Letters Patent was executed on even date herewith
(Application No. 10/377,822 , filed March 4, 2003), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, NTT DoCoMo, Inc.
(hereinafter referred to as "ASSIGNEE") having places of business at: 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo,
Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent
that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby
acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer
unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial
possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which
may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in
and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions
and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the
assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE,
its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and
entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 2003/04/21

Hiroyuki Manabe
(Signature of Inventor) Hiroyuki MANABE

Date: 2003/04/25

Akira Hiraiwa
(Signature of Inventor) Akira HIRAIWA

Date: 2003/04/28

Toshiaki Sugimura
(Signature of Inventor) Toshiaki SUGIMURA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314