

May 8, 2002



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TO THE HONORABLE (Please record the attached

ADEMARKS:

Attorney Docket No.: YOR920000841US1 (8728-471)

1. Name of conveying party(ies):

Satyanarayana Dharanipragada

Additional name(s) of conveying party(ies) attached?

[] yes [X] no

5-20-02

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Internal Address:

Street Address: New Orchard Road

City: Armonk

Country/State/Zip: New York 10504

Additional names and addresses attached? [] yes [X] no

3. Nature of Conveyance

[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Execution Date: April 8, 2002

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)

10/062,816

B. Patent No.(s):

N/A

Additional numbers attached? [] Yes [X] No

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

Name: Frank Chau

Internal Address: F. Chau & Associates, LLP

Street Address: 1900 Hempstead Turnpike, Suite 501

City: East Meadow State: NY ZIP: 11554

6. Total number of applications and patents involved:

[1]

7. Total fee (37 C.F.R. 3.41) \$ 40.00

[] Enclosed

[X] Authorized to be charged to deposit account

8. Deposit account number: 50-0510/IBM (Yorktown Heights)

(Attach duplicate copy of this page if paying by deposit account)

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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.

Frank V. DeRosa

Name of Person Signing Reg. No. 43,584

Signature

May 8, 2002

Date

Total number of pages including cover sheet, attachments and document [2]

OMB No. 0651-0011 (exp. 4/84)

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Assignment

Whereas, we

Inventor
and City

(1) **Satyanarayana Dharanipragada**
County of **Westchester**

of **Ossining**
and State of **New York**

has invented certain improvements in

TITLE **MVDR BASED FEATURE EXTRACTION FOR SPEECH RECOGNITION**

and executed, respectively, a United States patent application therefor on

DATES THAT (1) **04/08/** 2002

INVENTOR
SIGNED THE
DECLARATION

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

CITY (1) at **YORKTOWN HEIGHTS** Signed and sealed
DATE on **04/08/** 2002,  SIGNATURE
(Satyanarayana Dharanipragada) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME