

Form PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

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U.S. Department of Commerce
Patent and Trademark Office

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

1. Name of conveying party(ies):

Barbara E. Ballard
James R. Lewis
Kerry A. Ortega
Ronald E. VanBuskirk
Huifang Wang

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

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

Name: International Business Machines Corporation

Internal Address:

Street Address: New Orchard Road

Armonk, New York 10504

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 09/13/01, 09/21/01, 08/28/01,
08/20/01, 08/13/01

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s) 09/610,061

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Gregory A. Nelson, Esq.
Internal Address: _____

Street Address: AKERMAN SENTERFITT
222 Lakeview Avenue
P.O. Box 3188
West Palm Beach, FL 33402-3188

6. Total number of applications and patents involved:

1

7. Total Fee (37 CFR 34)\$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number

50-0951

(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.

Kevin T. Cuenot
Kevin T. Cuenot, Reg. No. 46,283

12/27/01
Date

Docket No. 6191-103

Total number of pages including cover sheet: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

PATENT

DOCKET NUMBER: BOC9-1998-0099 (103)

ASSIGNMENT

Whereas, we,

- (1) Barbara E. Ballard
County of ~~Jackson~~ Shawnee of ~~Kansas City~~ Lecompton
and State of ~~Missouri~~ KANSAS
- (2) James R. Lewis
County of Palm Beach of Delray Beach
and State of Florida
- (3) Kerry A. Ortega
County of Wake of Raleigh
and State of North Carolina
- (4) Ronald E. VanBuskirk
County of Boulder of Louisville
and State of Colorado
- (5) Huifang Wang
County of Sanaclara of Sunnyvale
and State of California

have invented certain improvements in

SPEECH RECOGNITION CORRECTION FOR DEVICES HAVING LIMITED OR NO DISPLAY


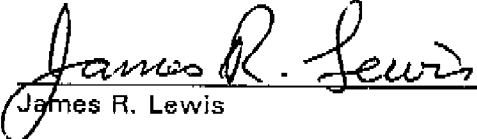
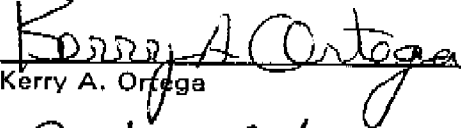
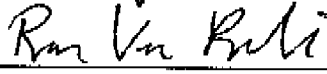
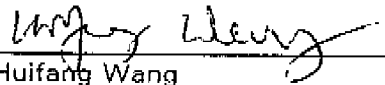
and executed a United States patent application therefor on the following date(s):

- (1) Sep. 13, 2001 (2) Sep 21, 2001
- (3) Aug 28^{KD}, 2001 (4) 20 AUGUST 2001
- (5) 13 August 2001

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York, 10504 (hereinafter IBM), desires to acquire the entire right, title and interest in the 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 acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on the 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.

Signed and sealed:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>Lecompton, KS</u>	<u>Sep 13, 2001</u>	<u></u> Barbara E. Ballard
(2)	<u>Boca Raton, FL</u>	<u>Sep 21, 2001</u>	<u></u> James R. Lewis
(3)	<u>Raleigh, NC</u>	<u>Aug 28, 2001</u>	<u></u> Kerry A. Ortega
(4)	<u>BOULDER, CO</u>	<u>20 Aug 01</u>	<u></u> Ronald E. VanBuskirk
(5)	<u>Sunnyvale CA</u>	<u>13 Aug 2001</u>	<u></u> Huifang Wang