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Michael J. JOHNSTON
Srinivas BANGALORE

10-24-02

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

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Internal Address: P.O. Box 4110
Middletown, New Jersey 07748

Street Address: 32 Avenue of the Americas

City: New York State: NY ZIP: 10013-2412

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Execution Date: October 22, 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: October 21, 2002
A. Patent Application No.(s) _____ B. Patent No.(s) _____
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: S. H. Dworetzky
Internal Address: P.O. Box 4110
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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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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.
Stephen J. Roe [Signature] October 24, 2002
Name of Person Signing Signature Date

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PATENT
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ASSIGNMENT AND AGREEMENT

For value received, we, Michael J. JOHNSTON, of Hoboken in the County of Hudson and State of New Jersey, and Srinivas BANGALORE, of Morristown in the County of Morris and State of New Jersey, hereby sell, assign and transfer to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to SYSTEMS AND METHODS FOR GENERATING MARKUP-LANGUAGE BASED EXPRESSIONS FROM MULTI-MODAL AND UNIMODAL INPUTS described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize AT&T Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to AT&T Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

We agree that, when requested, we shall, without charge to AT&T Corp. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

M. Johnston
Michael J. JOHNSTON

Date: 10/22/02

United States of America)

State of *New Jersey*)ss:

County of *Monmouth*)

On this 22 day of Oct, 2002, before me personally came Michael J. JOHNSTON, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Robin J. Badders
Notary Public

ROBIN J. BADDERS
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/30/2003

Srinivas Bangalore
Srinivas BANGALORE

Date: 10/22/02

United States of America)

State of New Jersey)ss:

County of Morris)

On this 22 day of Oct., 2002, before me personally came Srinivas BANGALORE, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Robin J. Badders
Notary Public

ROBIN J. BADDERS
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/30/2003