

Prior U.S. Applications(s):

(check  
one)

X no such applications filed.

\_\_\_\_\_ such applications identified as follows:

(Application Serial No.)	(Filing Date)	(Status) (Patented, Pending, Abandoned)
(Application Serial No.)	(Filing Date)	(Status) (Patented, Pending, Abandoned)
(Application Serial No.)	(Filing Date)	(Status) (Patented, Pending, Abandoned)

I hereby declare that: as to any claimed subject matter of this application which is common to my earlier United States or foreign application(s), if any, which I have identified above and claimed the benefit of priority thereof, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the first of said earlier application(s), or in public use or on sale in the United States more than one year prior to the first of said earlier application(s), and that the said common subject matter has not been patented or made the subject of an inventor's certificate before the date of the first of said earlier U.S. application(s) in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the first of said earlier U.S. application(s), if any; and that, as to any claimed subject matter of this application which is not common to said earlier application(s), if any, I do not know and do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, or in public use or on sale in the United States more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the date of this application.

I HEREBY APPOINT THE FOLLOWING AS MY ATTORNEY(S) OR AGENT(S) WITH FULL POWER OF SUBSTITUTION TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH:

NAME(S)

REGISTRATION  
NO.(S)

ASSOCIATE POWER OF  
ATTORNEY ATTACHED

James E. Gauger  
Jonathan P. Meyer  
Douglas D. Fekete

38,154  
30,477  
29,065

Yes


X  
No

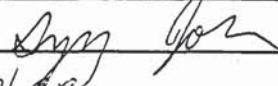
Send Written Correspondence To:

James E. Gauger  
MOTOROLA, INC.  
1303 East Algonquin Road  
Schaumburg, IL 60196

Direct Telephone Calls to: (708) 576-0053

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statement and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	DAVID LADD		
Inventor's signature			
Date	10/14/98		
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Citizenship	USA		
Post Office Address	4141 Downers Drive		
	Street Address		
	Downers Grove	IL	60615
	City	State or Country	Zip Code

Full name inventor	GREGORY JOHNSON		
Inventor's signature			
Date	10/21/98		
Residence	Carol Stream	IL	
	City	State or Foreign Country	
Citizenship	USA		
Post Office Address	565 Iroquois Trail		
	Street Address		
	Carol Stream	IL	60188
	City	State or Country	Zip Code

005280-8294960

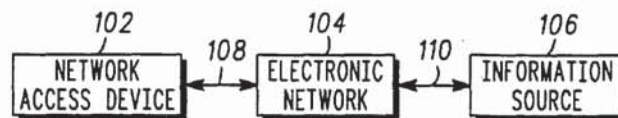


FIG. 1

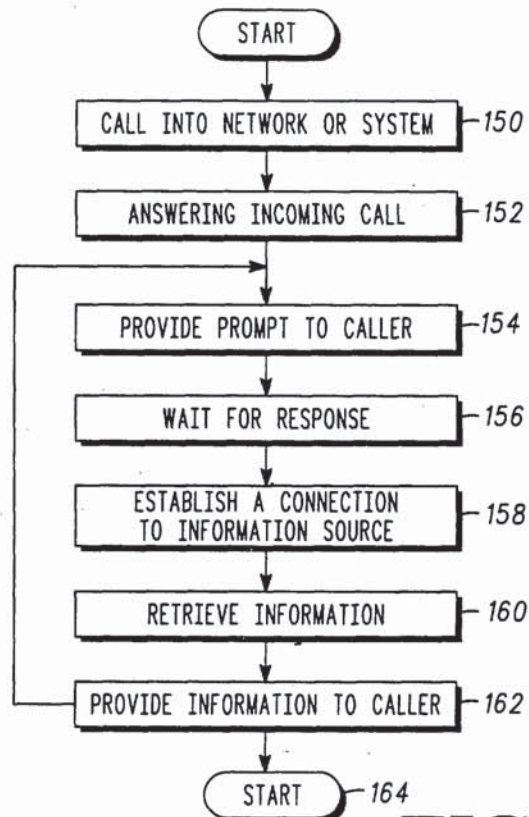
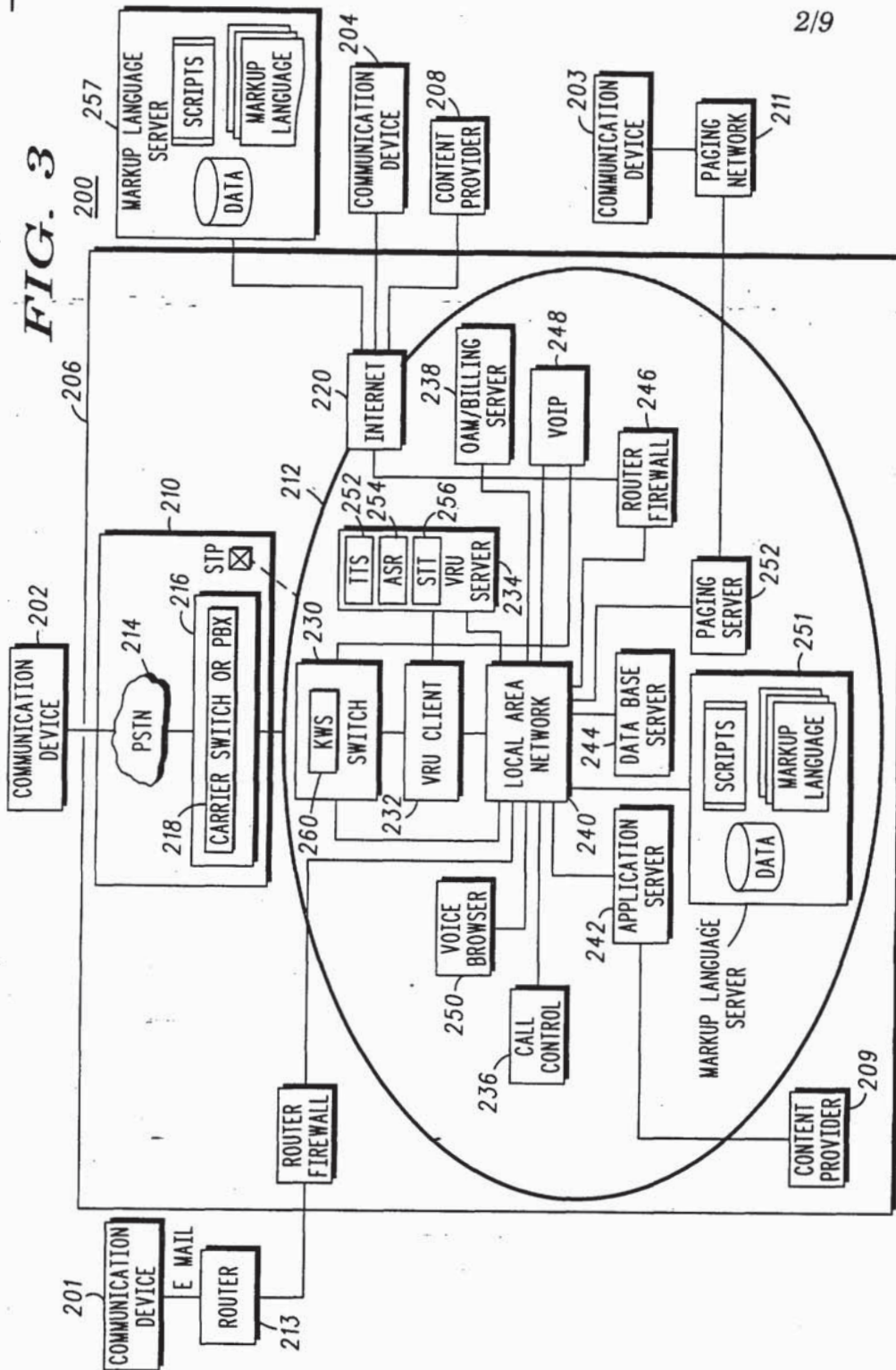
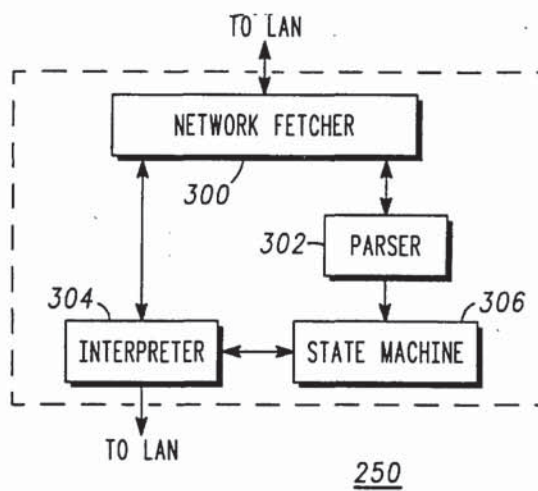


FIG. 2

FIG. 3







**FIG. 4**

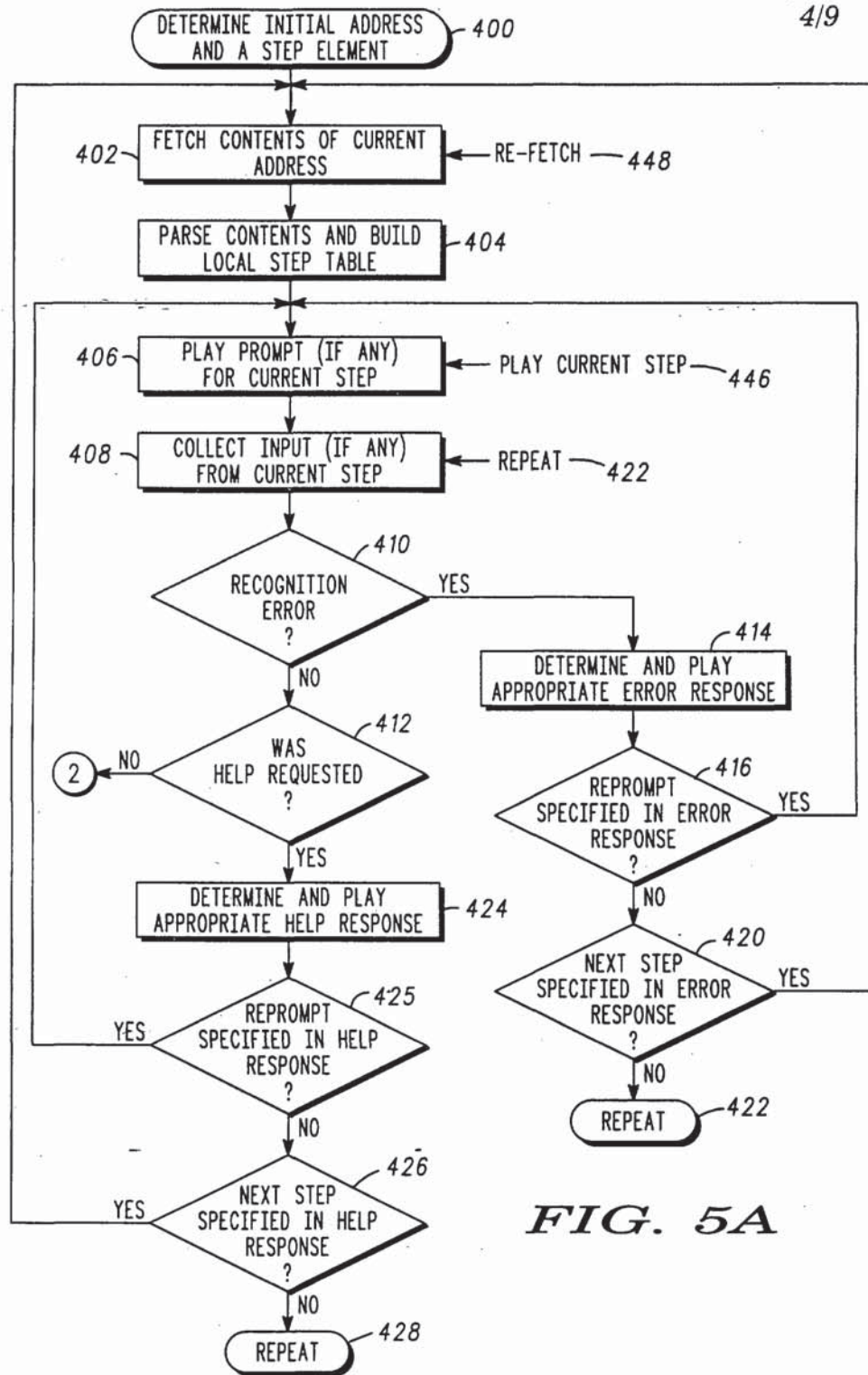


FIG. 5A

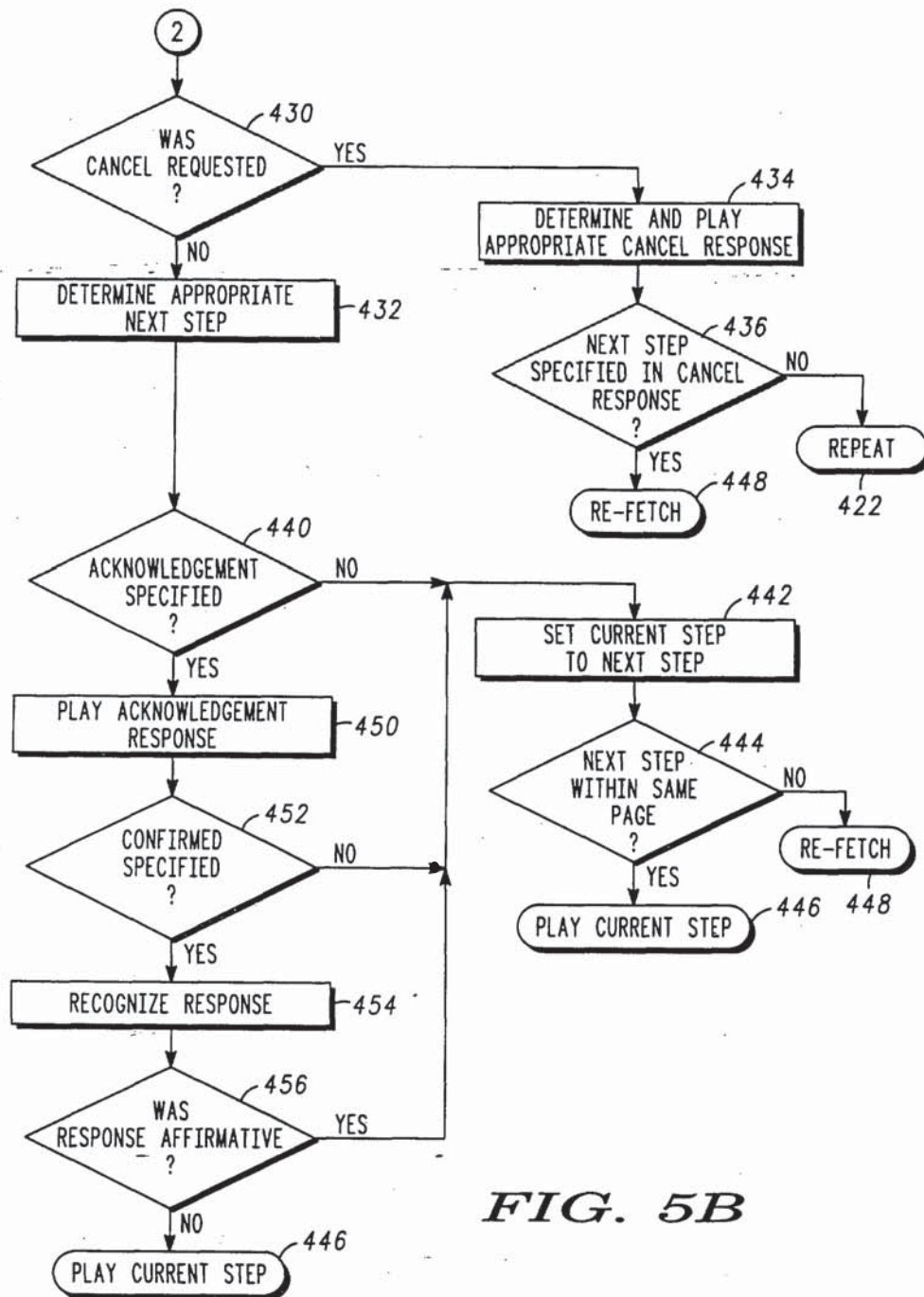


FIG. 5B

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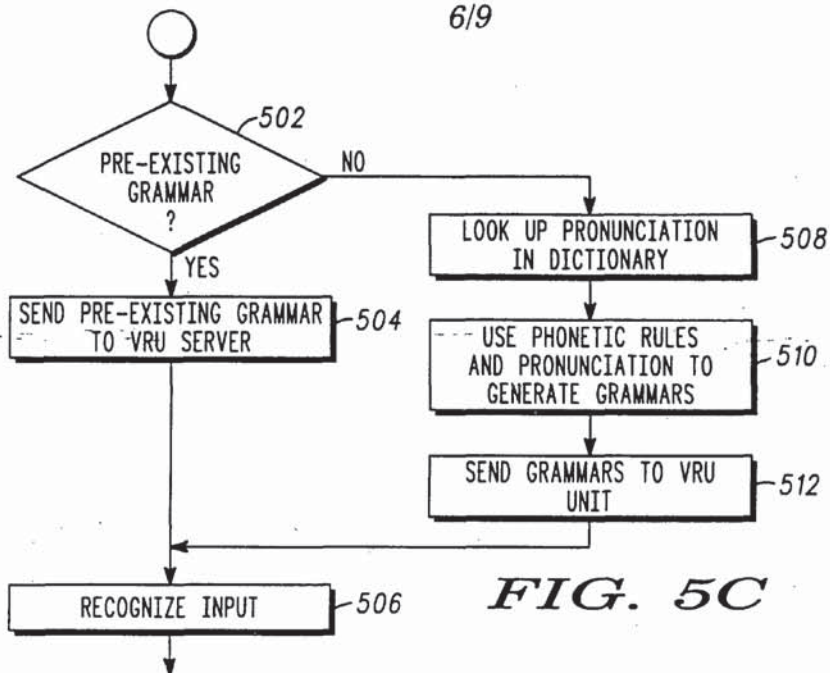


FIG. 5C

```

1  <? XML VERSION="1.0"?>
2  <DIALOG>
3    <STEP NAME="INIT">
4      <PROMPT>WHAT MEAL WOULD LIKE TO HEAR THE SPECIALS
5  FOR?</PROMPT>
6    <INPUT TYPE="OPTIONLIST">
7      <OPTION NEXT="#BKFST"> BREAKFAST </OPTION>
8      <OPTION NEXT="#LUNCH"> LUNCH </OPTION>
9      <OPTION NEXT="#DINNER"> DINNER </OPTION>
10   </INPUT>
11  </STEP>
12
13  <STEP NAME="BKFST">
14    <PROMPT> OUR BREAKFAST SPECIAL IS GREEN EGGS AND HAM </PROMPT>
15  </STEP>
16
17  <STEP NAME="LUNCH">
18    <PROMPT> OUR LUNCH SPECIAL IS A BACON, LETTUCE, AND TOMATO
19  SANDWICH. </PROMPT>
20  </STEP>
21
22  <STEP NAME="DINNER">
23    <PROMPT> OUR DINNER SPECIAL TODAY IS ROAST BEEF AND MASHED
24  POTATOES. </PROMPT>
25  </STEP>
26 </DIALOG>
  
```

FIG. 6



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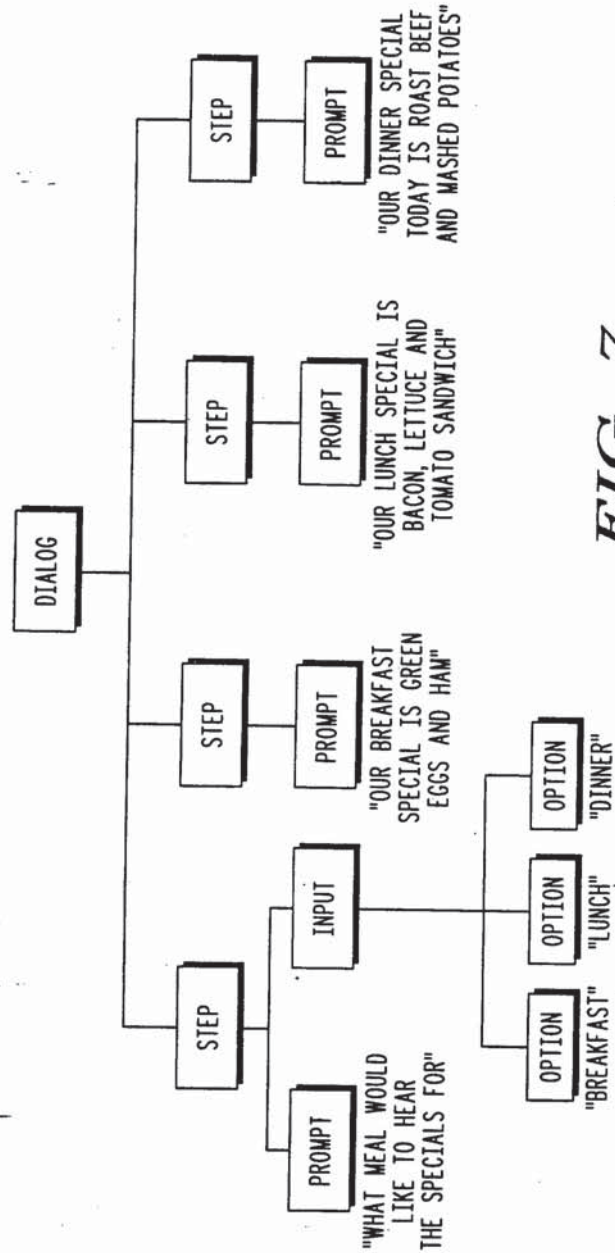
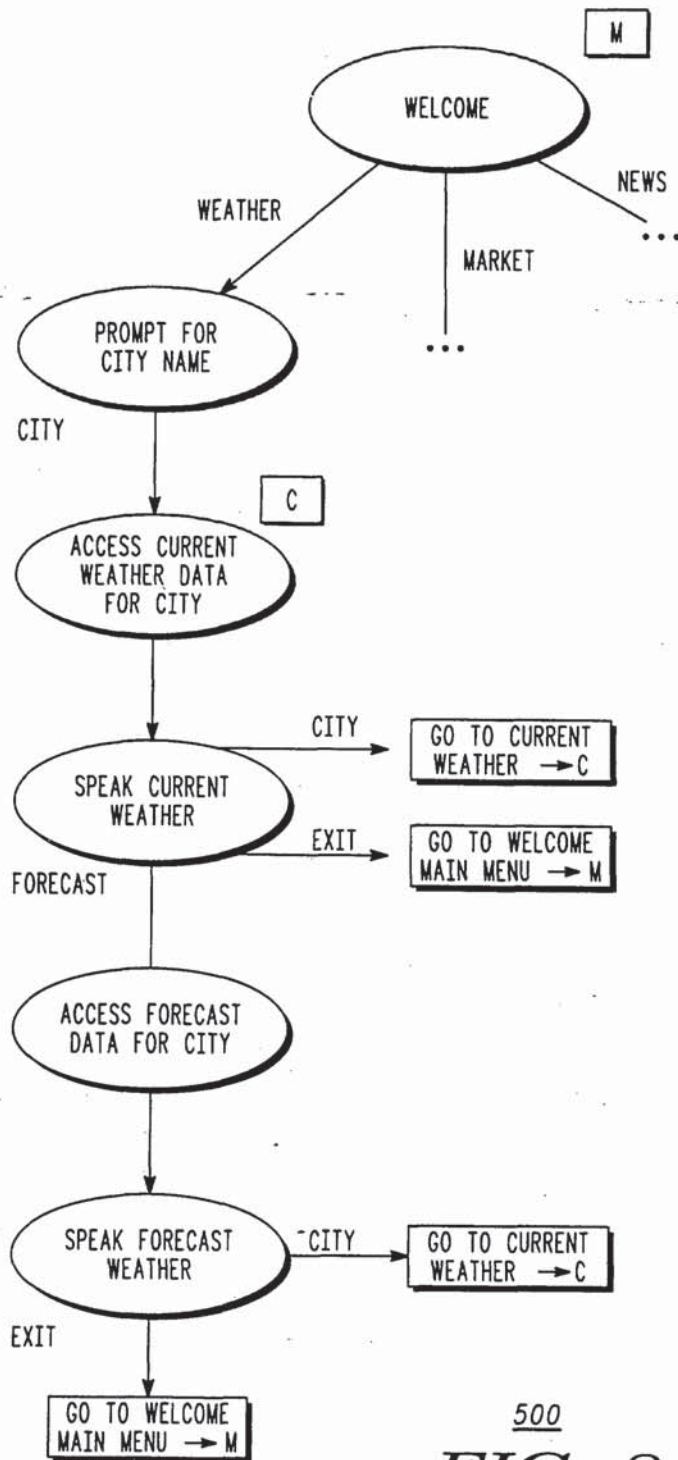


FIG. 7

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**FIG. 8**

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M

DIALOG 1

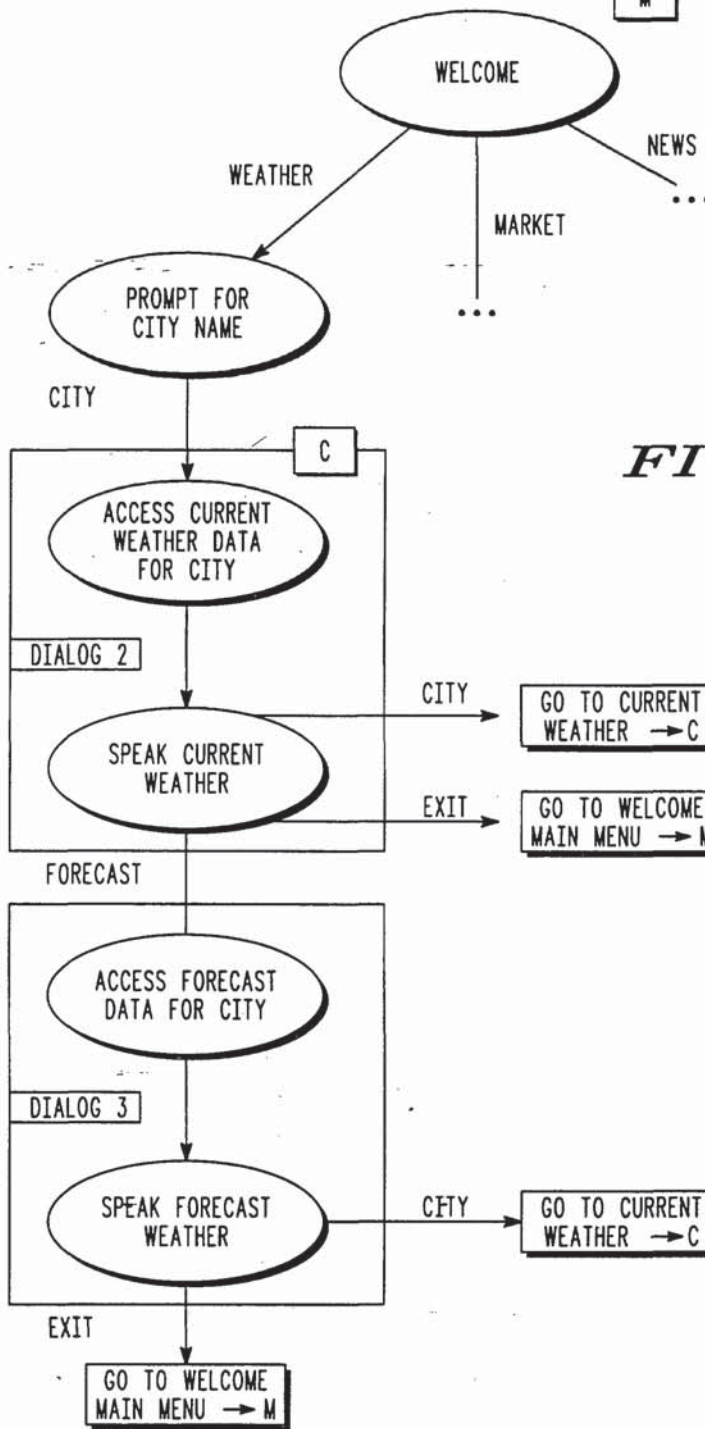


FIG. 9

DIALOG 1

DIALOG 1

└

D. Johnson  
#2 10-25-00  
CAS0009 C04  
IDS  
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:	LADD et al.	EXAMINER:	TBA
SERIAL NO.:	TBA	GROUP:	TBA
FILED:	August 23, 2000	CASE NO.:	CAS0009 C04
ENTITLED:	MARKUP LANGUAGE FOR INTEACTIVE SERVICES AND METHODS THEREOF		

jc886 U.S. PTO  
09/64638  
08/23/00

MOTOROLA, INC.  
Corporate Offices  
1303 E. Algonquin Road  
Schaumburg, IL 60196  
August 23, 2000

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Under 37 C.F.R. §§ 1.56 and 1.97 et seq., the following references are disclosed which may be material to the patentability of this application. A Form PTO-1449 is enclosed which lists the enclosed references.

The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

1. [ ] For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof, a concise explanation of the relevance of that item, or an English language search report is enclosed. \_\_\_\_\_
2. [ ] For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.
3. [ ] Any copy of the items listed on the enclosed copy of Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in a parent application, U.S. Serial No. 09/165,487, filed 10/02/1998, of this [ X ] Continuation, [ ] Divisional or [ ] Continuation-In-Part application under 37 C.F.R. sec.



1.62. Applicant hereby requests the examiner to consider the references cited in the parent application. A copy of the references cited in the parent application will be provided upon request.

4. ☒ No fee is due under 37 C.F.R. sec. 1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:

☒ 37 C.F.R. sec. 1.97(b)(1), within three months of the filing date of the above-identified application.

☐ 37 C.F.R. sec. 1.97(b)(2), within three months of the date of entry into the national stage as set forth in sec. 1.491 in an international application.

☐ 37 C.F.R. sec. 1.97(b)(3), before the mailing date of a first Office Action on the merits.

5. ☐ No fee is due under 37 C.F.R. sec. 1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. sec. 1.97 (c), after the period specified in paragraph 4 above but before the mailing date of a final action or a Notice of Allowance (where there has been no prior final action), and is accompanied by one of the certifications pursuant to 37 C.F.R. sec. 1.97(e) set forth in paragraph 9 below.

6. ☐ A fee is due under 37 C.F.R. sec. 1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. sec. 1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a notice of allowance (where there has been no prior final action):

☐ Charge the fee to Deposit Account No. \_\_\_\_\_, Order No. \_\_\_\_\_. A  
DUPLICATE COPY OF THIS SHEET IS ATTACHED.

7. ☐ A fee is due under 37 C.F.R. sec. 1.17(i)(1) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. sec. 1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by:

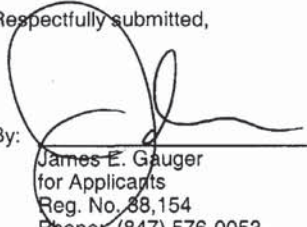
- a. one of the certifications pursuant to 37 C.F.R. sec. 1.97(e) set forth in paragraph 9 below;  
and
- b. the attached petition requesting consideration of this Information Disclosure Statement;  
and

- c. the fee due under 37 C.F.R. sec. 1.17(i)(1) which is paid as set forth in paragraph 10 below.
8. ☐ A fee is due under 37 C.F.R. sec. 1.17(i)(1) for this Information Disclosure Statement since it is being filed in compliance with:
- a. ☐ 37 C.F.R. sec. 1.313(b)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition to Withdraw Application from Issue;
- b. ☐ 37 C.F.R. sec. 1.313(b)(5), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition to Withdraw Application from Issue.
- c. ☐ The fee due under 37 C.F.R. sec. 1.17(i)(1) is paid as set forth in paragraph 10 below.
9. ☐ I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in sec. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
10. ☐ Charge the fee due under 37 C.F.R. sec. 1.17(i)(1) to Deposit Account No. \_\_\_\_\_, Order No. \_\_\_\_\_. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
- ☒ The Assistant Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4772. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

CAS0009 C04

Respectfully submitted,

By:

  
James E. Gauger  
for Applicants  
Reg. No. 88,154  
Phone: (847) 576-0053  
Fax: (847) 576-3750

Please forward all correspondence to:

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Corporate Offices, 3rd Floor  
Intellectual Property Dept.  
1303 E. Algonquin Road  
Schaumburg, Illinois 60196

08-24-00

A #3/A  
Amos  
2.27.02



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT APPLICATION TRANSMITTAL LETTER

Atty./Agent Docket No.: CAS0009 C04

Mailing Date: August 23, 2000

Express Mail Label No.: EJ059616821US



Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

Dear Sir:

Transmitted herewith for filing under 37 CFR 1.53 (b) is a Non-provisional Utility Patent Application:

     New Application; or   X   Continuation; or      Divisional; or      Continuation-in-Part (CIP)  
Application of prior US application No.   09/165,487  , filed on   10/02/1998  , having US Examiner  
  S. Wieland  , in Group Art Unit   2741  ; of

Inventor(s): DAVID LADD and GREGORY JOHNSON

For (Title): MARKUP LANGUAGE FOR INTEACTIVE SERVICES AND METHODS  
THEREOF

This transmittal letter has   2   total pages.

Enclosed are:

- X     9   sheets of drawings, along with   78   pages of specification, claims, and abstract.
- X   Oath or Declaration Combined with Power of Attorney (  3   pages)
- Newly Executed (original or copy)
- Copy from a prior application (if this is a Continuation/Division with no new matter)
- Statement deleting named inventor(s) in prior application if this is a  
Continuation/Division (See 37 CFR 1.63(d)(2) and 1.33(b).)
- Consider as the above Statement, Please delete as inventors for this application the  
following inventors named in the prior application:
- Foreign priority to                      Patent application having serial number           , and a  
filing date of                      is hereby claimed under 35 USC 119.  
     A copy of the priority document is included herewith.
- An Assignment Transmittal Letter and Assignment of the invention to MOTOROLA, INC.
- X   An Information Disclosure Statement (IDS), with   1   PTO-1449, and   9   citation copies.
- Petition For Extension of Time for parent application of the present Continuation/Division/CIP  
application
- X   Print EFS Inventor Information Sheet(s).
- X   Return Receipt Postcard
- X   Preliminary Amendment

A



☒ Please cancel filed claims 1-43

☒ Incorporation by Reference (for Continuation/Division application) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

☒ Since the present application is based on a prior US application, please amend the specification by adding the following sentence before the first sentence of the specification: [The present application is a continuation of US application No. 09/165,487, filed on 10/02/1998, which is based on prior US applications No. 60/094,131 and 60/094,032, filed on 7/24/1998 which are hereby incorporated by reference, and priority thereto for common subject matter is hereby claimed.]

☒ The filing fee is calculated as follows:

CLAIMS AS FILED, LESS ANY CANCELED BY AMENDMENT

	NUMBER OF CLAIMS	NUMBER EXTRA	RATE	FEE
TOTAL CLAIMS	52-20 =	32	X \$18	= \$576.00
INDEPENDENT CLAIMS	5-3 =	2	X \$78	= \$156.00
MULTIPLE DEPENDENT CLAIMS			\$260	= \$ 0.00
			BASIC FEE	= \$ 690.00
			TOTAL FILING FEE	= \$ 1422.00

☒ Please charge Deposit Account No. 13-4772 in the amount of \$ 1422.00 for the Total Filing Fee.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required now or in the future under 37 CFR 1.16 or 37 CFR 1.17, including any present or future time extension fees which may be required, or credit any overpayment to Deposit Account No. 13-4772

☒ One additional copy of this sheet is enclosed

Please forward all correspondence to:

Customer Number **22917**

By:

  
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for Applicant(s)  
Registration No. 38,154  
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Phone: (847) 576-0053  
Fax: (847) 576-3750

00644638-082300

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Country:: USA  
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City of Residence:: DOWNERS GROVE  
State or Province of Residence:: IL  
Country of Residence:: USA  
Citizenship Country:: USA  
Inventor Two Given Name:: GREGORY  
Family Name:: JOHNSON  
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State or Province:: IL  
Country:: USA  
Postal or Zip Code:: 60188  
City of Residence:: CAROL STREAM  
State or Province of Residence:: IL  
Country of Residence:: USA  
Citizenship Country:: USA

CORRESPONDENCE INFORMATION

Correspondence Customer Number:: 22917  
Fax One:: 847-576-3750

APPLICATION INFORMATION

Title Line One:: MARKUP LANGUAGE FOR INTERACTIVE SERVICES  
Title Line Two:: AND METHODS THEREOF  
Total Drawing Sheets:: 9  
Formal Drawings?:: Yes  
Application Type:: Utility  
Docket Number:: CAS0009 C04  
Secrecy Order in Parent Appl.?:: No

CONTINUITY INFORMATION

This application is a:: CONTINUATION OF  
> Application One:: 09/165487  
Filing Date:: 10-02-1998

This application is a::

A

AS0009 C04- Ladd et al.

PATENT

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as  
Express Mail EJ059616821US in an envelope addressed to:

Assistant Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

on 8/23/00  
(Date of Deposit)  
KAREN G. KASS

Name of Applicant, assignee, or Registered Rep.  
Jane Kass 8/23/00  
Signature Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Ladd et al. EXAMINER: TBA  
APPL. NO.: TBA ART GROUP: TBA  
FILED: 8/23/2000 CASE NO.: CAS0009 C04  
TITLE: MARKUP LANGUAGE FOR INTERACTIVE SERVICES AND  
METHODS THEREOF

PRELIMINARY AMENDMENT

Sir:

Please enter the following preliminary amendment.

IN THE CLAIMS:

Please cancel claims 1-43.

Please add the following new claims:

44. A markup language document stored on a computer-readable medium to provide interactive services comprising:
- a dialog element including a plurality of markup language elements, each of the plurality of markup language elements being identifiable by at least one markup tag;
  - a step element contained within the dialog element to define a state within the dialog element, the step element including a prompt element and an input element;
  - the prompt element including an announcement to be read to the user; and
  - the input element including an attribute to allow an audible user input to be converted to a text string.
45. The markup language document of claim 44, wherein the attribute includes one of a name attribute, a next attribute, a method attribute, and action attribute and a timeout attribute.
46. The markup language document of claim 45, wherein the name attribute comprises an identifier.
47. The markup language document of claim 45, wherein the next attribute comprises a next step address.
48. The markup language document of claim 44, wherein the method attribute comprises one of a get and post.

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49. The markup language document of claim 44, wherein the action attribute comprises a pointer to a script that processes the input on a server.

50. The markup language document of claim 44, wherein the timeout attribute comprises a period of time for the user to enter audible input.

51. The markup language document of claim 44, wherein the attribute comprises a form input.

52. The markup language document of claim 44, wherein announcement comprises one of voice over internet protocol data and textual data.

53. The markup language file of claim 44, wherein the markup language document contains a begin tag and an end tag for the dialog element.

54. The markup language document of claim 44, wherein the step element further contains one of a name attribute, a bargain attribute, a parent attribute, and a cost attribute.

55. The markup language document of claim 44, wherein a bargain attribute interrupts the step element in response to a selected user input.

56. The markup language document of claim 44, wherein the input element includes an input attribute.

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114  
57. The markup language document of claim 56, wherein the input attribute includes one of a date input, a digits input, a grammar input, a hidden input, a money input, a none input, a number input, an optionlist input, a phone input, a profile input, a record input, a time input, and a yorn input.

114  
58. The markup language document of claim 57, wherein the grammar input includes a grammar corresponding to a user input.

114  
59. The markup language document of claim 57, wherein the grammar input includes an electronic address to provide an indication of the location of a grammar.

114  
60. The markup language document of claim 57, wherein the electronic address includes one of a URL and an address of a second step element.

114  
61. The markup language document of claim 57, wherein the grammar input includes a nextmethod attribute having a memory address of a grammar.

114  
62. The markup language document of claim 57, wherein the grammar input includes a selected period of time for the user to enter audio input.

120  
63. The markup language document of claim 57, wherein the input element further contains a hidden input including a variable to store information.

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64. The markup language document of claim 57, wherein each of the date input, the digit input, the money input, the number input, the phone input, and the time input includes a predetermined grammar.

65. The markup language document of claim 57, wherein the yorn element defines one of an affirmative response and a negative response.

66. The markup language document of claim 57, wherein the optionlist input includes at least one option corresponding to user input.

67. The markup language document of claim 57, wherein the form input is used to send information to an information source.

68. The markup language document of claim 57, wherein the record input is used to record an audio input from a user for a selected length of time.

69. The markup language document of claim 57, wherein the profile input is used to store user data.

70. The markup language document of claim 44, wherein the dialog element further contains an option element including at least one option corresponding to a numerical value.

71. The markup language document of claim 44, wherein the dialog element further contains an ack element including a user acknowledgment.

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<sup>29</sup>  
729. The markup language document of claim 44, wherein the dialog element further contains an audio element including audio data to be played to the user.

<sup>30</sup>  
73. The markup language document of claim 72, wherein the audio data is contained in a voice over internet protocol.

<sup>31</sup>  
74. The markup language document of claim 44, wherein the dialog element further contains a break element to provide a silent period.

<sup>32</sup>  
75. The markup language document of claim 44, wherein the dialog element further contains a case element including data to correspond to at least one user input.

<sup>33</sup>  
76. The markup language document of claim 44, wherein the dialog element further contains a class element including a plurality of elements to be reused with a dialog element.

<sup>34</sup>  
77. The markup language document of claim 44, wherein the dialog element further contains an emp element to allow at least a portion of a word to be emphasized during playback.

<sup>35</sup>  
78. The markup language document of claim 44, wherein the dialog element further contains an options element including at least one option for a user to select.

<sup>36</sup>  
79. The markup language document of claim 78, wherein the options element includes at least one element to be reused in the dialog step.

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85. The markup language document of claim 44, wherein the step element includes a cost attribute used to track content usage for billing purposes.

43 86. A method of creating a voice application program for providing interactive voice services, the method comprising the steps of:  
creating a markup language document having a plurality of elements;  
selecting a prompt element;  
defining a voice communication in the prompt element to be read to the user;  
selecting an input element; and  
selecting an attribute to allow an audible user input to be converted to a text string.

87. A program stored on a computer-readable medium to provide interactive services comprising:  
a prompt element including a voice communication to be read to a user; and  
an input element including an attribute to allow an audible user input to be converted to a text string.

88. The program of claim 87, wherein the attribute includes one of a name attribute, a next attribute, a method attribute, and action attribute and a timeout attribute.

89. The program of claim 88, wherein the name attribute comprises an identifier.

90. The program claim 88, wherein the next attribute comprises a next step address.

91. The program of claim 88, wherein the method attribute comprises one of a get and post.

48 92. The program of claim 88, wherein the action attribute  
44 comprises a pointer to a script that processes the input on a server.

49 93. The markup language document of claim 88, wherein the  
44 timeout attribute comprises a period of time for the user to enter audible  
input.

50 94. A markup language document stored on a computer-  
readable medium to provide interactive voice services comprising:  
a dialog element being identified by at least one markup tag; and  
an input element including an attribute to allow an audible user  
input to be converted to a text string.

51 95. A method comprising the steps of:  
providing an audible output to a user;  
receiving an audible input from the user;  
converting the audible input to text; and  
posting the text to a destination associated with an electronic  
address.

000280-00011900

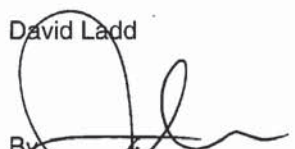
Remarks

Please enter the above preliminary amendment prior to examination of the present application.

If, for any reason, the Examiner feels that a telephone conference would be helpful to resolve any issues, the Examiner is respectfully requested to contact the undersigned Attorney at (847)-576-0053.

Respectfully submitted,

David Ladd



By: \_\_\_\_\_

James E. Gauger  
Attorney for Applicants  
Registration No. 38,154  
Phone: (847) 576-0053  
Fax: (847) 576-3750

Mail all correspondence to:

Motorola, Inc  
Corporate Offices  
Intellectual Property Dept.  
1303 E. Algonquin Rd.  
Schaumburg, IL 60196

00E280-8E94960

b



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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/644,638	08/23/2000	DAVID LADD	CAS0009-C04	2902

22917 7590 03/13/2002  
MOTOROLA, INC.  
1303 EAST ALGONQUIN ROAD  
IL01/3RD  
SCHAUMBURG, IL 60196

EXAMINER

MCFADDEN, SUSAN IRIS

ART UNIT PAPER NUMBER

2654

DATE MAILED: 03/13/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	09/644,638	LADD ET AL.	
	Examiner	Art Unit	
	Susan McFadden	2654	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 23 August 2000.
- 2a) ☐ This action is FINAL.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 44-95 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 44-95 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 August 2000 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____  |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-946)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) <u>2</u> | 6) <input type="checkbox"/> Other:  |

## DETAILED ACTION

### *Specification*

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.
2. The abstract of the disclosure is objected to because it is the same as Patent No. 6,269,336. The Abstract should be directed to the instant application. Correction is required. See MPEP § 608.01(b).

### *Drawings*

3. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the input element including an attribute to allow an audible user input to be converted to a text string must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

### *Double Patenting*

4. A rejection based on double patenting of the "same invention" type finds its support in the language of 35 U.S.C. 101 which states that "whoever invents or discovers any new and useful process ... may obtain a patent therefor ..." (Emphasis added). Thus, the term "same invention," in this context, means an invention drawn to identical subject matter. See *Miller v. Eagle Mfg. Co.*, 151 U.S. 186 (1894); *In re Ockert*, 245 F.2d 467, 114 USPQ 330 (CCPA 1957); and *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970).

A statutory type (35 U.S.C. 101) double patenting rejection can be overcome by canceling or amending the conflicting claims so they are no longer coextensive in scope. The filing of a terminal disclaimer cannot overcome a double patenting rejection based upon 35 U.S.C. 101.



Application/Control Number: 09/644,638  
Art Unit: 2654

Page 3


5. Claims 44-95 are rejected under 35 U.S.C. 101 as claiming the same invention as that of claims 2-37 of prior U.S. Patent No. 6,269,336. This is a double patenting rejection.

Claims 44,86,87,94 and 95 are the same as 2. Claims 45,88 are the same as 10.  
Claims 46 and 89 are the same as 11 (name = grammar attribute). Claims 47 and 90 are the same as 14 (next=nextmethod).  
Claim 48 and 91 are the same as 14 (get& post=nextmethod). Claims 49 and 92 are the same as 10 (Form input-action).  
Claims 50 and 93 are the same as 15. Claim 51 is the same as 10 (Form input).  
Claim 52 is the same as 2. Claim 53 is the same as 6.  
Claim 54 is the same as 7. Claim 55 is the same as 8.  
Claim 56 is the same as 9. Claim 57 is the same as 10.  
Claim 58 is the same as 11. Claim 59 is the same as 12.  
Claim 60 is the same as 13. Claim 61 is the same as 14.  
Claim 62 is the same as 15. Claim 63 is the same as 16.  
Claim 64 is the same as 17. Claim 65 is the same as 18.  
Claim 66 is the same as 19. Claim 67 is the same as 20.  
Claim 68 is the same as 21. Claim 69 is the same as 22.  
Claim 70 is the same as 23. Claim 71 is the same as 24.  
Claim 72 is the same as 25. Claim 73 is the same as 26.  
Claim 74 is the same as 27. Claim 75 is the same as 28.  
Claim 76 is the same as 29. Claim 77 is the same as 30.  
Claim 78 is the same as 31. Claim 79 is the same as 32.  
Claim 80 is the same as 33. Claim 81 is the same as 34.  
Claim 82 is the same as 35. Claim 83 is the same as 35.  
Claim 84 is the same as 36. Claim 85 is the same as 37.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Susan McFadden whose telephone number is 703-308-6693. The examiner can normally be reached on Monday-Friday, 9:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold can be reached on 703-305-4379. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-308-6296 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.

  
Susan McFadden  
Examiner  
Art Unit 2654

\*\*\*

February 27, 2002

<b>Notice of References Cited</b>	Application/Control No. 09/644,638	Applicant(s)/Patent Under Reexamination LADD ET AL.	
	Examiner Susan McFadden	Art Unit 2654	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6269336	07-2001	Ladd et al.	704/270
	B	US-6349132	02-2002	Wesemann et al.	379/88.17
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



## LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

Attorney Docket No. CAS0009 C04	Serial No. 09/644,638	Filing Date August 23, 2000
Applicant: LADD et al.		Group 2654

## U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Subclass	
dm	AA	5,649,117	07/15/97	Landry	395	240	
dm	AB	5,655,008	08/05/97	Futch et al.	379	91.01	
dm	AC	5,860,073	01/12/99	Ferrel et al.	707	522	
dm	AD	5,877,766	03/02/99	Bates et al.	345	357	
dm	AE	5,899,975	05/04/99	Nielsen	704	260	
dm	AF	5,915,001	06/22/99	Uppaluru	379	88.22	
dm	AG	5,953,392	09/1/99	Rhie et al.	379	88.13	
	AH						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation
	AI						
	AJ						
	AK						

## OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

dm	AL	WONG, W., Dialing into Computer telephony, Network VAR, March 1998, Vol. 6, pages 34-39, see page 36.
dm	AM	Nava Air Federal Credit Union Call 24 Voice Response Brochure, May 1994, pages 1-2, see page 2.
	AN	

EXAMINER

Susan McFalls

DATE CONSIDERED:

2-25-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.

1c886 U.S. PTO

09/644638



08/23/00



Serial No. 09/644,638

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Attorney Docket No. CAS0009 C04

6/C  
MDJ  
6.16.02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Ladd, David, et al.

Examiner: McFadden, Susan

Serial No.: 09/644,638

Art Unit: 2654

Filed: August 23, 2000

Docket No.: CAS0009 C04

Title: Markup Language For Interactive Services and Methods Thereof

Motorola, Inc.  
Law Department  
600 North U.S. Highway 45, AN475  
Libertyville, IL 60048

**AMENDMENT UNDER 37 C.F.R. § 1.111**

**RECEIVED**

Assistant Commissioner for Patents  
Washington, D.C. 20231

JUN 19 2002  
Technology Center 2600

Sir:

This communication is responsive to the Office Action mailed March 13, 2002 concerning the above-identified application and is timely filed within the three month shortened statutory period for response which expires June 13, 2002.

Please amend the above application as follows:

**IN THE DRAWINGS:**

FIG. 10 is added as shown by the attached Request For Approval of Drawing Corrections.

C

Serial No. 09/644,638

Attorney Docket No. CAS0009 C04

IN THE TITLE:

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Please replace the title at the top of page 1 with:

MARKUP LANGUAGE FOR INTERACTIVE SERVICES TO ALLOW AN AUDIBLE USER  
INPUT TO BE CONVERTED TO A TEXT STRING AND METHODS THEREOF

IN THE SPECIFICATION:

Please add the following paragraph after the paragraph beginning at page 2, line 30:

FIG. 10 is an exemplary attribute of a markup language document that allows an audible user input to be converted to a text string.

Please replace the paragraph beginning at page 34, line 30, with the following rewritten paragraph:

The following is an example, also shown in FIG. 10, of the user of the FORM input in a markup language document.

IN THE ABSTRACT:

Please replace the Abstract with the attached substitute Abstract.

Serial No. 09/644,638

Attorney Docket No. CAS0009 C04

### REMARKS

Claims 44 through 95 are pending in this application.

The title is amended to be more descriptive as requested by the Office Action, and no new matter has been added. Therefore, approval of the changes to the title is respectfully requested.

The Office Action objects to the Abstract. By this Amendment, the Abstract is replaced with a substitute Abstract as requested by the Office Action. Therefore, Applicants respectfully request reconsideration and withdrawal of the objection to the Abstract.

The Office Action objects to the drawings. The drawings are amended in the Request for Approval of Drawing Corrections filed concurrently herewith, and the specification is amended to correspond to the changes to the drawings. Support for the above changes to the drawings is found at page 34, line 6, through page 35, line 6, of the specification and, thus, no new matter has been added. Accordingly, Applicants respectfully request reconsideration and withdrawal of the objection to the drawings.

Claims 44 through 95 are rejected under 35 U.S.C. §101 as claiming the same invention as that of claims 2 through 37 of prior U.S. Patent No. 6,269,336. However, the claims in the above application can be literally infringed without literally infringing an "apparently" corresponding claim, as identified by the Office Action, of U.S. Patent No. 6,269,336. Embodiments that fall within the scope of one set of claims and not the other set of claims exist



Serial No. 09/644,638

Attorney Docket No. CAS0009 C04

and, thus, identical subject matter is not defined by both sets of claims. In particular, claims 44 through 94 provide an attribute to allow an audible user input to be converted to a text string, which is not provided in the claims of U.S. Patent No. 6,269,336. Similarly, claim 95 provides the operation of posting text, converted from an audible input, to a destination associated with an electronic address, which is not provided in the claims of U.S. Patent no. 6,269,336. Also, the claims of U.S. Patent No. 6,269,336 provide a first attribute allowing interactive voice services to be interrupted in response to a predetermined user input, which is not provided in claims 44 through 53 and 56 through 95. Accordingly, the claims of the present application do not claim the same invention as the claims of U.S. Patent No. 6,269,336. Reconsideration and withdrawal of the 35 U.S.C. §101 rejection of claims 44 through 95 are respectfully requested.

### CONCLUSION

No amendment made was related to the statutory requirements of patentability unless expressly stated herein. Also, no amendment made was for the purpose of narrowing the scope of any claim, unless Applicants have argued herein that such amendment was made to distinguish over a particular reference or combination of references.

Attached hereto is a marked-up version of the changes made to the specification by the current amendment. The first page of the attached page(s) is captioned "**VERSION WITH MARKINGS TO SHOW CHANGES MADE**".

It is submitted that the claims clearly define the invention, are supported by the specification and drawings, and are in a condition for allowance. A Notice of Allowance is




Serial No. 09/644,638

Attorney Docket No. CAS0009 C04

respectfully solicited. Should the Examiner have any questions or concerns that may expedite prosecution of the present application, the Examiner is encouraged to telephone the undersigned.

Respectfully submitted,  
Ladd, David, et al.

Please forward all correspondence to:  
Motorola, Inc.  
Law Department (HDW)  
600 North US Highway 45, AN475  
Libertyville, IL 60048

 06/06/02  
Hisashi D. Watanabe Date  
Attorney for Applicant(s)  
Registration No. 37,465  
Telephone: (847) 523-2322  
Facsimile: (847) 523-2350

Serial No. 09/644,638

Attorney Docket No. CAS0009 C04

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE DRAWINGS:

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FIG. 10 is added as shown by the attached Request For Approval of Drawing Corrections.

IN THE TITLE:

The title is amended as follows:

MARKUP LANGUAGE FOR INTERACTIVE SERVICES TO ALLOW AN AUDIBLE USER  
INPUT TO BE CONVERTED TO A TEXT STRING AND METHODS THEREOF

IN THE SPECIFICATION:

The following paragraph has been added after the paragraph beginning at line 30 of page  
2:

FIG. 10 is an exemplary attribute of a markup language document that allows an audible  
user input to be converted to a text string.

Serial No. 09/644,638

Attorney Docket No. CAS0009 C04

Paragraph beginning at line 30 of page 34 has been amended as follows:

The following is an example, also shown in FIG. 10, of the user of the FORM input in a markup language document.

IN THE ABSTRACT:

Please replace the Abstract with the attached substitute Abstract.



#7  
MDJ  
626-02  
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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ladd, David, et al. Examiner: McFadden, Susan  
Serial No.: 09/644,638 Art Unit: 2654  
Filed: August 23, 2000 Docket No.: CAS0009 C04  
Title: Markup Language For Interactive Services and Methods Thereof

Motorola, Inc.  
Law Department  
600 North U.S. Highway 45, AN475  
Libertyville, IL 60048

REQUEST FOR APPROVAL OF DRAWING CORRECTION RECEIVED

Assistant Commissioner for Patents  
Washington, D.C. 20231

JUN 19 2002

Technology Center 2600

Sir:

Drawing sheet 10 is hereby added to the original drawing sheets 1 through 9 of the above-referenced application. Approval of this drawing sheet is respectfully requested. If any fees are required under 37 CFR 1.16 or 37 CFR 1.17, please charge such fees to Deposit Account No. 13-4772.

Respectfully submitted,  
Ladd, David, et al.

Please forward all correspondence to:  
Motorola, Inc.  
Law Department (HDW)  
600 North US Highway 45, AN475  
Libertyville, IL 60048

Hisashi D. Watanabe 06/06/02  
Hisashi D. Watanabe Date  
Attorney for Applicant(s)  
Registration No. 37,465  
Telephone: (847) 523-2322  
Facsimile: (847) 523-2350

10/10

Appand  
DM  
7-16-02

```
<STEP NAME="order form">  
  <PROMPT> What you like to order? </PROMPT>  
  <INPUT TYPE="form" NAME="order" NEXT="#next  
order" METHOD="post"  
ACTION="http://www.test.com/cgi-bin/post-query"  
TIMEOUT="200" />  
</STEP>
```

**FIG. 10**





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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2654

**ADMENDMENT  
TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	09/644,638
Filing Date	8/23/00
First Named Inventor	Ladd, David et al.
Group Art Unit	2654
Examiner Name	McFadden, Susan
Attorney Docket Number	CAS0009 C04

ENCLOSURES (Check all that apply)

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Assignment Papers<br>(for an Application)                         | <input type="checkbox"/> After Allowance Communication to Group                               |
| <input checked="" type="checkbox"/> Amendment/Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s) | <input checked="" type="checkbox"/> Drawing(s)   | <input type="checkbox"/> Appeal Communication to Board of Appeals<br>and Interferences        |
| <input type="checkbox"/> Extension of Time Request   | <input type="checkbox"/> Licensing-related Papers  | <input type="checkbox"/> Appeal Communication to Group<br>(Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> Express Abandonment Request   | <input type="checkbox"/> Petition Routing Slip<br>(PTO/SB/69) and<br>Accompanying Petition | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Information Disclosure<br>Statement   | <input type="checkbox"/> Change of Correspondence<br>Address                               | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Certified Copy of Priority<br>Document(s)   | <input type="checkbox"/> Fee Address Indication Form                                       | <input type="checkbox"/> Additional Enclosure(s)<br>(please identify below)                   |
| <input type="checkbox"/> Response to Missing Parts<br>Incomplete Application   | <input type="checkbox"/> Terminal Disclaimer   |   |
| <input type="checkbox"/> Response to Missing<br>Parts under 37 CFR<br>1.52 or 1.53   | <input type="checkbox"/> Small Entity Statement  |   |
|  | <input type="checkbox"/> Request for Refund  |   |

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Technology Center 2600

Remarks:

CORRESPONDENCE ADDRESS

☐

Customer Number or Bar Code Label

20280

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name:		Motorola, Inc.	
Address:		Intellectual Property Department	
		600 North U.S. Highway 45, AN475	
City: Libertyville	State: Illinois	Zip Code:	60048
Country: USA	Telephone: 847-523-2322	Fax:	847-523-2350
Name (Print/Type) Hisashi D. Watanabe		Registration No. 37,465	
Signature <i>Hisashi D. Watanabe</i>		Date 06/06/02	

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name: Jennifer Magness  
Signature *Jennifer Magness*

Date 6/06/02



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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## FEE TRANSMITTAL For FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

0.00

Application Number 09/644,638

Filing Date 8/23/00

First Named Inventor Ladd, David et al.

Group Art Unit 2654

Examiner Name McFadden, Susan

Attorney Docket Number CAS0009 C04

### METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account 13-4768  
Deposit Account Motorola, Inc.  
Name

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status  
See 37 CFR 1.27

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	Utility filing fee	
106	320	Design filing fee	
107	490	Plant filing fee	
108	710	Reissue filing fee	
114	150	Provisional filing fee	

SUBTOTAL (1)

(\$) 0.00

#### 2. EXTRA CLAIM FEES

Large Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
103	18	Claims in excess of 20	
102	80	Independent claims in excess of 3	
104	270	Multiple dependent claim, if not paid	
109	80	** Reissue independent claims over original patent	
110	18	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2)

(\$) 0.00

### SUBMITTED BY

Name (Print/Type)  
Signature

Hisashi D. Watanabe

*Hisashi D. Watanabe*

Reg. No. (Atty/Agent)

37,465

Date

6/06/02

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2,520	For filing a request for ex parte reexamination	
112	920*	Requesting publication of Sir prior to Examination action	
113	1,840*	Requesting publication of Sir after Examination action	
115	110	Extension for reply within first month	
116	400	Extension for reply within second month	
117	920	Extension for reply within third month	
118	1,440	Extension for reply within fourth month	
128	1,960	Extension for reply within fifth month	
119	320	Notice of Appeal	
120	320	Filing a brief in support of an appeal	
121	280	Request for oral hearing	
138	1,510	Petition to institute a public use proceeding	
140	110	Petition to revive - unavoidable	
141	1,280	Petition to revive - unintentional	
142	1,280	Utility issue fee (or reissue)	
143	460	Design issue fee	
144	620	Plant issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
126	180	Submission of Information Disclosure Stmt	
581	40	Recording each patent assignment per property (times number of properties)	
146	740	Filing a submission after final rejection (27 CFR § 1.129(a))	
149	740	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	Request for Continued Examination (RCE)	
169	900	Request for expedited examination of a design application	

\*Reduced by Basic Filing Fee Paid

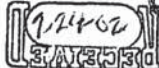
SUBTOTAL (3)

(\$) 0.00

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Jul. 24. 2002 5:32PM MOTOROLA CSS IPD



Official

No. 4367 P. 4/9

CAS0009 C04  
PATENT  
PTO/SB/26

#8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) Ladd, David et al. GROUP ART UNIT: 2641  
APPLN. NO.: 09/644,638 EXAMINER: McFadden, Susan  
FILED: 8/23/00  
TITLE: MARKUP LANGUAGE FOR INTERACTIVE SERVICES AND METHODS  
THEREOF

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office Fax No. (703) 672-9314 on: 7/24/02

Signature Jennifer Magness 7/24/02  
Printed name of person sending certificate Jennifer Magness

**TERMINAL DISCLAIMER UNDER 37 C. F. R. § 1.321(b) TO OBIVATE  
A DOUBLE PATENTING REJECTION BASED ON A PRIOR PATENT**

Assistant Commissioner of Patents  
Washington, D. C. 20231

The owner, Motorola, Inc. of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term defined in 35 U. S. C. 154 to 156 and 173 of prior U.S. patent 6,385,583, as presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, petitioner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U. S. C. 154 to 156 and 173 of the prior patent, as presently shortened by any terminal disclaimer, in the event that the prior patent later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 C. F. R. 1.321, has all claims cancelled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

07/26/2002 VBUTLER 00000007 134768 09644638

01 FC:148 110.00 CH

Jul 24, 2002 5:32PM MOTOROLA CSS IPD

No. 4367 P. 5/9

**Fee Payment**

Please charge Deposit Account No. 13-4768 the Disclaimer fee in the amount of \$110.00 for the fee due under 37 C.F.R. §1.20(d). Two duplicate copies of this sheet are enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment to Deposit Account No. 13-4768.

MOTOROLA, INC. (Petitioner)

Date: July 24, 2002

By: Hisashi D. Watanabe

Hisashi D. Watanabe

Attorney of Record

Reg. No. 37,465

Telephone Number: 847-523-2322

Jul. 31. 2002 3:01PM MOTOROLA CSS IPD

No. 4518 P. 2/3

CAS0009 C04  
PATENT  
PTO/SB/28

#9

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) Ladd, David et al. GROUP ART UNIT: 2654  
APPLN. NO.: 09/644,638 EXAMINER: McFadden, Susan  
FILED: 8/23/00  
TITLE: MARKUP LANGUAGE FOR INTERACTIVE SERVICES AND METHODS  
THEREOF

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office Fax No. (703) 872-9314 on: 7/17/02

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Signature Jennifer Magness  
Printed name of person sending certificate

TERMINAL DISCLAIMER UNDER 37 C. F. R. § 1.321(b) TO OBVIATE  
A DOUBLE PATENTING REJECTION BASED ON A PRIOR PATENT

Assistant Commissioner of Patents  
Washington, D. C. 20231

The owner, Motorola, Inc. of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term defined in 35 U. S. C. 154 to 156 and 173 of prior U.S. patent 6,269,336, as presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, petitioner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U. S. C. 154 to 156 and 173 of the prior patent, as presently shortened by any terminal disclaimer, in the event that the prior patent later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 C. F. R. 1.321, has all claims cancelled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.



Jul. 31. 2002 3:01PM MOTOROLA CSS IPD

No. 4518 P. 3/3

**Fee Payment**

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MOTOROLA, INC. (Petitioner)

Date: July 17, 2002

By: Hisashi D. Watanabe

Hisashi D. Watanabe

Attorney of Record

Reg. No. 37,465

Telephone Number: 847-523-2322

Jul 31 2002 3:00PM MOTOROLA CSS IPD

*duplicate*  
No. 4518 P. 1/3 #9



**MOTOROLA**  
**FAX TRANSMITTAL SHEET**

Motorola, Inc.  
Intellectual Property Section  
Law Department  
600 North U.S. Highway 45  
Libertyville, IL 60048

Telephone: (847) 523-2327  
Facsimile: (847) 523-2350

**3** Number of Pages (including this page)

Date: 7/31/02  
To: Examiner Susan McFadden  
Location: United States Patent and Trademark Office  
Fax No.: (703) 872-9314  
From: Hisashi D. Watanabe Registration No. 37,465  
Subject: Serial No. 09/644,638 Docket No. CAS0009 C04

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**MESSAGE:**

Enclosed herewith, please find  
Terminal Disclaimer

**PLEASE GIVE THESE PAPERS TO:**

EXAMINER:	McFadden, Susan
GROUP ART UNIT:	2654
SERIAL NO.:	09/644,638
FILED:	8/23/00
INVENTOR:	Ladd, David et al.

36

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/644,638	LADD ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Susan McFadden	2654	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Terminal Disclaimers filed 7-17-02.
2. ☒ The allowed claim(s) is/are 44-86 and 88-95.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
  - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☒ CORRECTED DRAWINGS must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No. \_\_\_\_\_.
  - (b) ☒ including changes required by the proposed drawing correction filed 6-14-02, which has been approved by the Examiner.
  - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.
9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1 <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____ 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material	2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 4 <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No. <u>10</u> . 6 <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8 <input type="checkbox"/> Examiner's Statement of Reasons for Allowance 9 <input type="checkbox"/> Other
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Application/Control Number: 09/644,638  
Art Unit: 2654

Page 2

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David Watanabe on August 15, 2002.

The application has been amended as follows: Claim 87 has been cancelled.

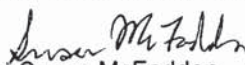
In claim 88, line 1, "The program of claim 87," has been deleted and

DI --- A program stored on a computer-readable medium to provide interactive services comprising: a prompt element including a voice communication to be read to a user; and an input element including an attribute to allow an audible user input to be converted to a text string, --- has been inserted.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Susan McFadden whose telephone number is 703-308-6693. The examiner can normally be reached on Monday-Friday, 9:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold can be reached on 703-305-4379. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-308-6296 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.

  
Susan McFadden  
Examiner  
Art Unit 2654

August 15, 2002

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D



<b>Interview Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/644,638	LADD ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Susan McFadden	2654	

All participants (applicant, applicant's representative, PTO personnel):

(1) Susan McFadden (3) \_\_\_\_\_

(2) David Watanabe (4) \_\_\_\_\_

Date of Interview: 15 July 2002.

Type: a) ☒ Telephonic b) ☐ Video Conference  
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.  
If Yes, brief description: \_\_\_\_\_

Claim(s) discussed: 44-95.

Identification of prior art discussed: 6,269,336 and 6,385,583.

Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☐ N/A.

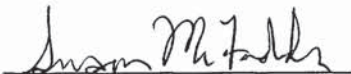
Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant agreed to fax in terminal disclaimers relating to both of these patents.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

i) ☒ It is not necessary for applicant to provide a separate record of the substance of the interview (if box is checked).

Unless the paragraph above has been checked, THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
Examiner's signature, if required

<b>Notice of References Cited</b>	Application/Control No. 09/644,638	Applicant(s)/Patent Under Reexamination LADD ET AL.	
	Examiner Susan McFadden	Art Unit 2654	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6385583	05-2002	Ladd et al.	704/270
*	B	US-6240341	05-2001	Ball et al.	704/270
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
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NOTICE OF ALLOWANCE AND FEE(S) DUE

22917 7590 08/19/2002  
MOTOROLA, INC.  
1303 EAST ALGONQUIN ROAD  
IL01/3RD  
SCHAUMBURG, IL 60196

EXAMINER

MCFADDEN, SUSAN IRIS

ART UNIT

CLASS-SUBCLASS

2654

704-270000

DATE MAILED: 08/19/2002

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/644,638	08/23/2000	DAVID LADD	CAS0009-C04	2902

TITLE OF INVENTION: MARKUP LANGUAGE FOR INTERACTIVE SERVICES TO ALLOW AN AUDIBLE USER INPUT TO BE CONVERTED TO A TEXT STRING AND METHODS THEREOF

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1280	\$0	\$1280	11/19/2002

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS** FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

☐ Applicant claims SMALL ENTITY status.  
See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



# PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Box ISSUE FEE**  
**Commissioner for Patents**  
**Washington, D.C. 20231**  
**Fax** **(703)746-4000**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)  
22917 7590 08/19/2002

MOTOROLA, INC.  
1303 EAST ALGONQUIN ROAD  
IL01/3RD  
SCHAUMBURG, IL 60196

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/644,638	08/23/2000	DAVID LADD	CAS0009-C04	2902

TITLE OF INVENTION: MARKUP LANGUAGE FOR INTERACTIVE SERVICES TO ALLOW AN AUDIBLE USER INPUT TO BE CONVERTED TO A TEXT STRING AND METHODS THEREOF

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1280	\$0	\$1280	11/19/2002

EXAMINER	ART UNIT	CLASS-SUBCLASS
MCFADDEN, SUSAN IRIS	2654	704-270000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 \_\_\_\_\_  
2 \_\_\_\_\_  
3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) ☐ individual ☐ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☐ Issue Fee

☐ Publication Fee

☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE(S)





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UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/644,638	08/23/2000	DAVID LADD	CAS0009-C04	2902
22917	7590	08/19/2002	EXAMINER	
MOTOROLA, INC. 1303 EAST ALGONQUIN ROAD IL01/3RD SCHAUMBURG, IL 60196			MCFADDEN, SUSAN IRIS	
			ART UNIT	PAPER NUMBER
			2654	

DATE MAILED: 08/19/2002

**Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)**  
(application filed on or after May 29, 2000)

The patent term adjustment to date is 140 days. If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the term adjustment will be 140 days.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (<http://pair.uspto.gov>)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/644,638	08/23/2000	DAVID LADD	CAS0009-C04	2902
22917	7590	08/19/2002	EXAMINER	
MOTOROLA, INC. 1303 EAST ALGONQUIN ROAD IL01/3RD SCHAUMBURG, IL 60196			MCFADDEN, SUSAN IRIS	
			ART UNIT	PAPER NUMBER
			2654	

DATE MAILED: 08/19/2002

**Notice of Possible Fee Increase on October 1, 2002**

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2002, then the amount due may be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there may be an increase in fees effective on October 1, 2002. See Revision of Patent and Trademark Fees for Fiscal Year 2003: Notice of Proposed Rulemaking, 67 Fed. Reg. 30634, 30636 (May 7, 2002). Although a change to the amount of the publication fee is not currently proposed for October 2002, if the issue fee or publication fee is to be paid on or after October 1, 2002, applicant should check the USPTO web site for the current fees before submitting the payment. The USPTO Internet address for the fee schedule is: <http://www.uspto.gov/main/howtofees.htm>.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of any fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after October 1, 2002 (or mailed with a certificate of mailing on or after October 1, 2002), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



PATENT  
DOCKET NUMBER: PF02030NA

B  
MA  
#11

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) Ladd, David et al.

GROUP ART UNIT: 2654

APPLN. NO.: 09/644,638

EXAMINER: McFadden, Susan


FILED: 8/23/00

TITLE: Markup Language for Interactive Services and Methods Thereof

Certificate of Mailing

Date of deposit: 9/04/02

I hereby certify that this paper is being deposited with the United States Postal Service on the date indicated above, as first-class mail, with sufficient postage attached thereto, in an envelope addressed to the Commissioner for Patents, Washington, D.C.

  
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Signature of Person Mailing Paper

Jennifer Magness  
Printed Name of Person Mailing Paper

TRANSMITTAL OF FORMAL DRAWINGS

Honorable Assistant Commissioner for Patents  
Washington, D.C. 20231

ATTN: OFFICIAL DRAFTSPERSON

SIR:

Enclosed are ten (10) sheets of formal drawings, sheets 1/10 through 10/10, FIGS. 1 through 10 for the above-identified application.

Respectfully submitted,  
**Ladd, David et al.**



Hisashi D. Watanabe  
Attorney for Applicants  
Reg. No. 37,465  
Tel. (847) 523-2322

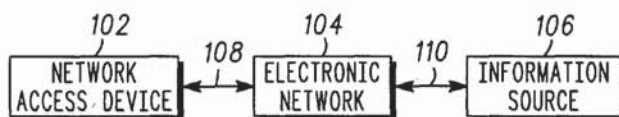
MOTOROLA, INC.  
Customer Number: 20280



LADD, ET AL.  
CAS0009C04

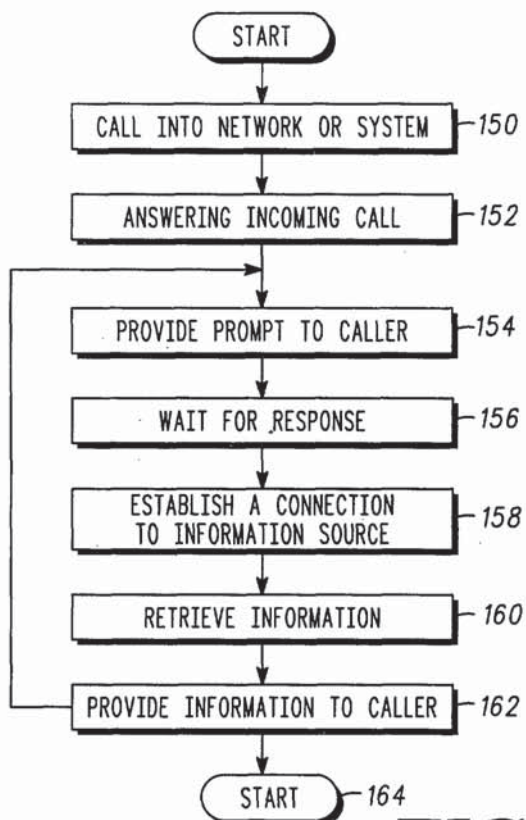
1/10

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**FIG. 1**



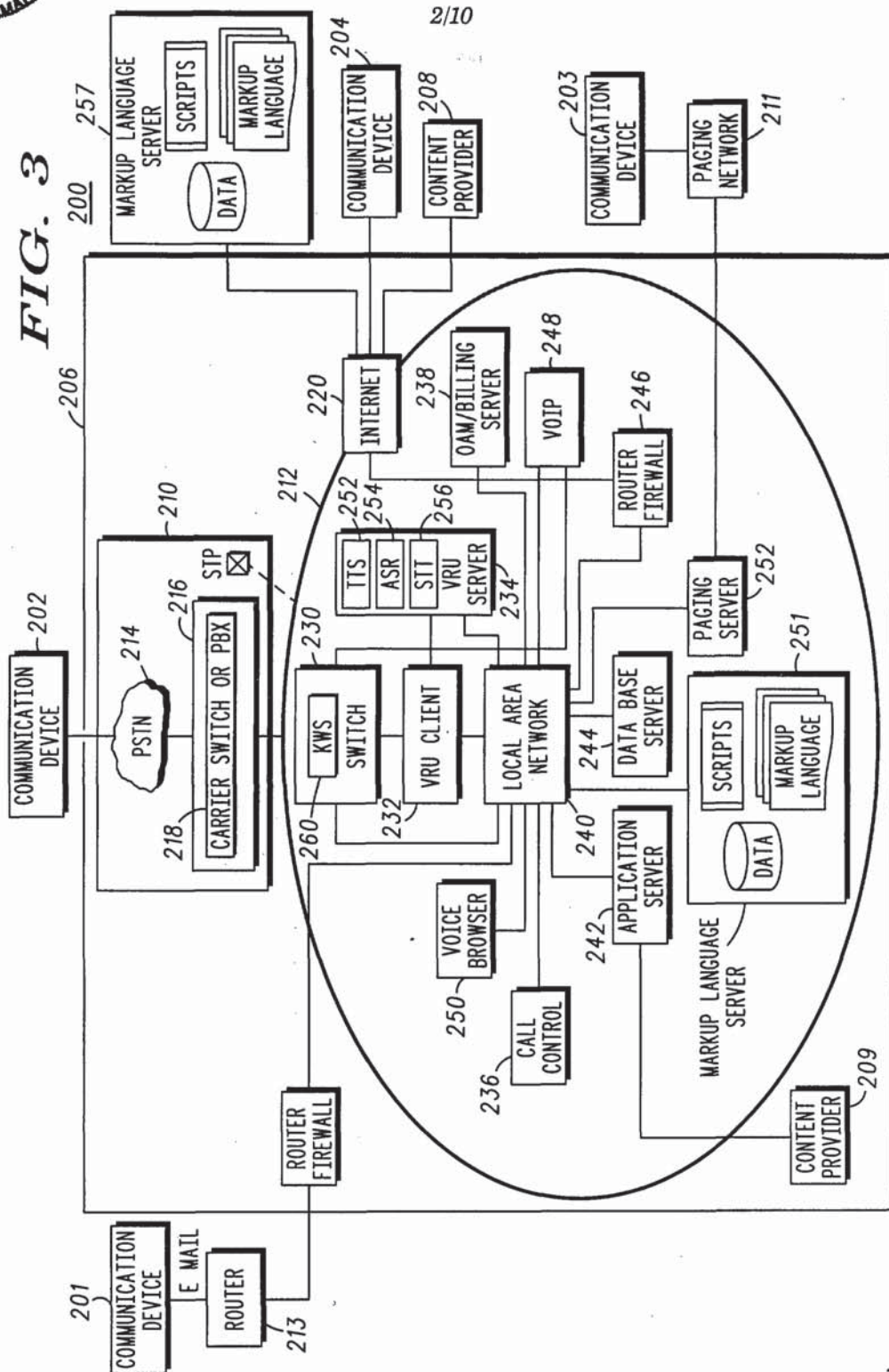
**FIG. 2**





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CAS0009C04

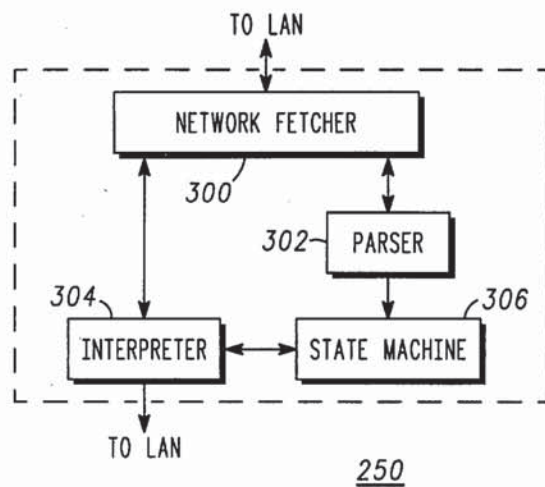
**FIG. 3**





LADD, ET AL.  
CAS0009C04

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**FIG. 4**



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CAS0009C04

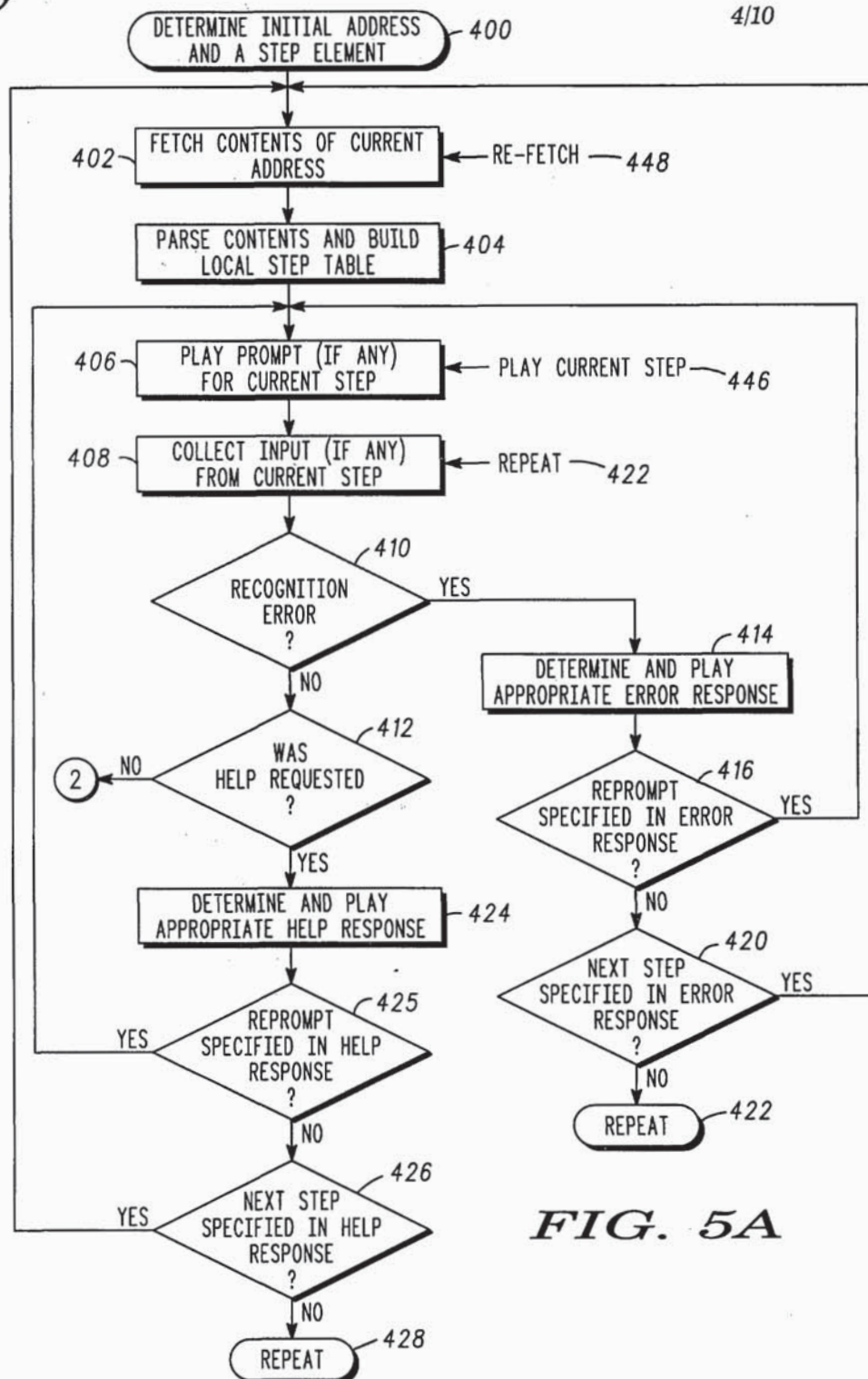
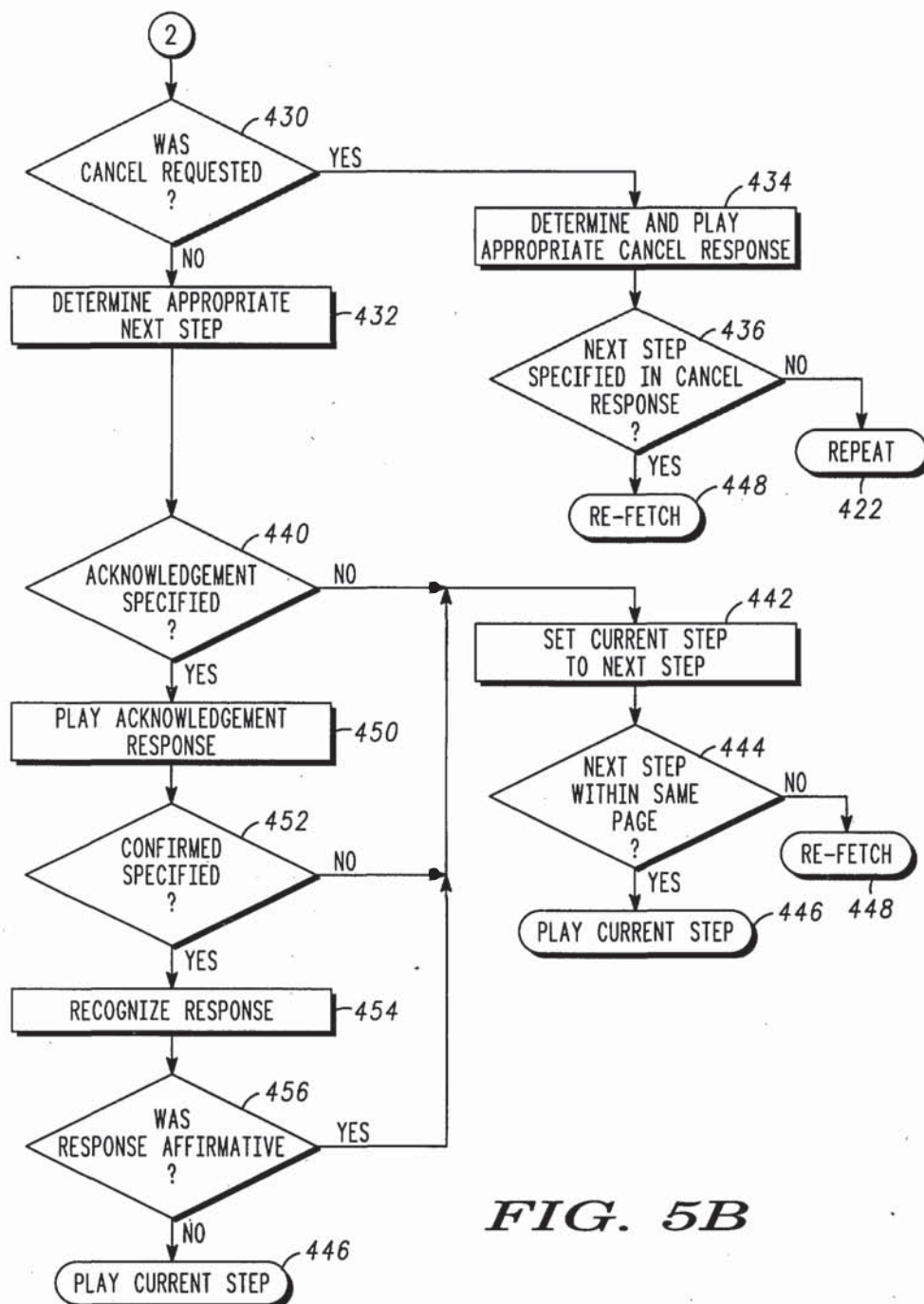


FIG. 5A



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CAS0009C04

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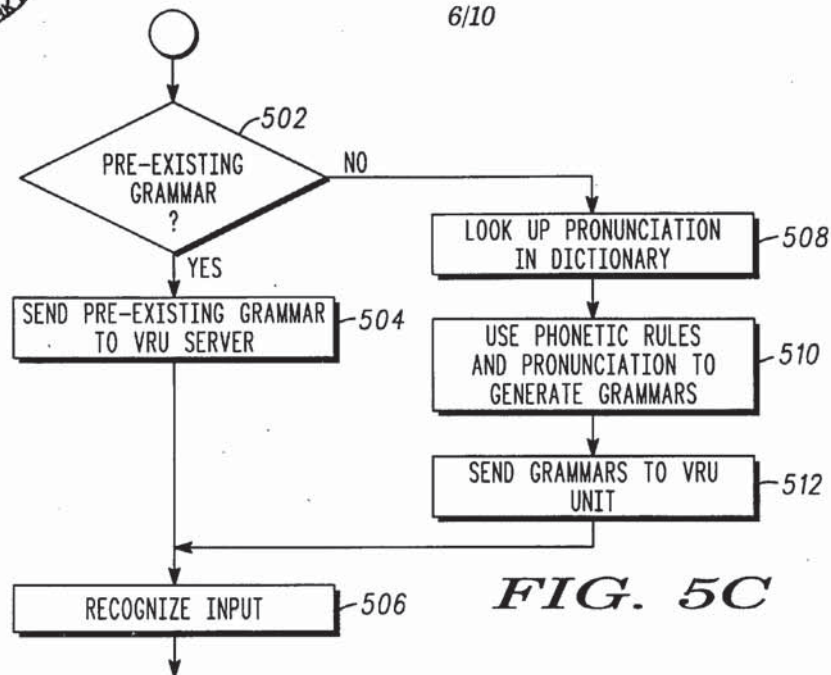
**FIG. 5B**





LADD, ET AL.  
CAS0009C04

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**FIG. 5C**

```

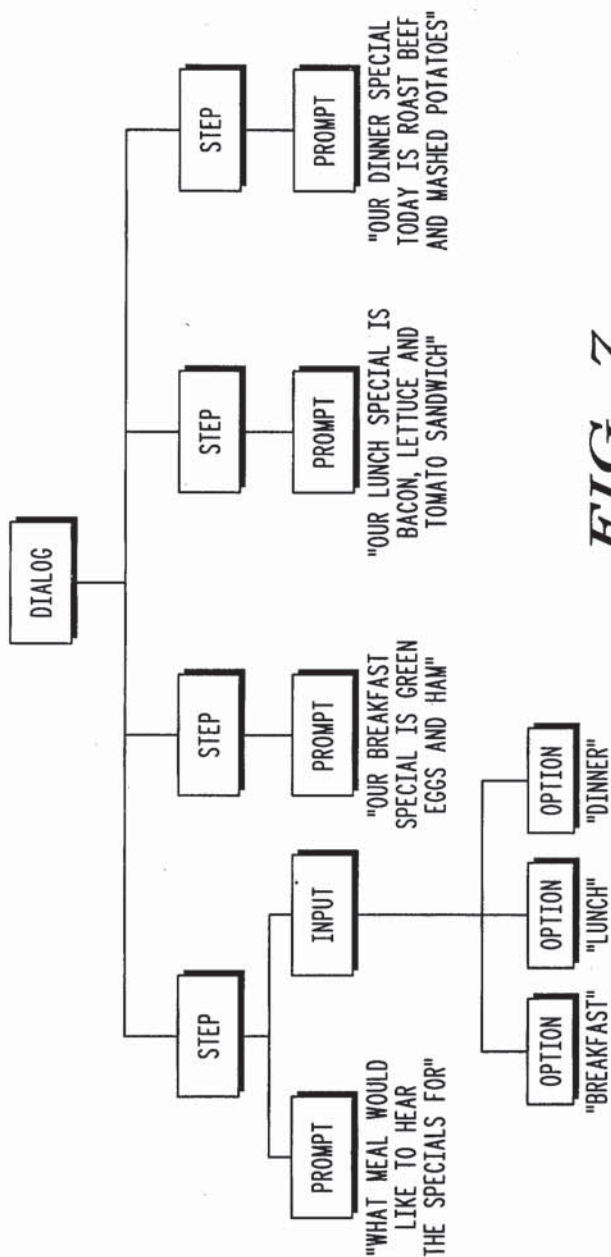
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5  FOR?</PROMPT>
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8      <OPTION NEXT="#LUNCH"> LUNCH </OPTION>
9      <OPTION NEXT="#DINNER"> DINNER </OPTION>
10   </INPUT>
11  </STEP>
12
13  <STEP NAME="BKFST">
14    <PROMPT> OUR BREAKFAST SPECIAL IS GREEN EGGS AND HAM </PROMPT>
15  </STEP>
16
17  <STEP NAME="LUNCH">
18    <PROMPT> OUR LUNCH SPECIAL IS A BACON, LETTUCE, AND TOMATO
19  SANDWICH. </PROMPT>
20  </STEP>
21
22  <STEP NAME="DINNER">
23    <PROMPT> OUR DINNER SPECIAL TODAY IS ROAST BEEF AND MASHED
24  POTATOES. </PROMPT>
25  </STEP>
26 </DIALOG>
  
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**FIG. 6**



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CAS0009C04

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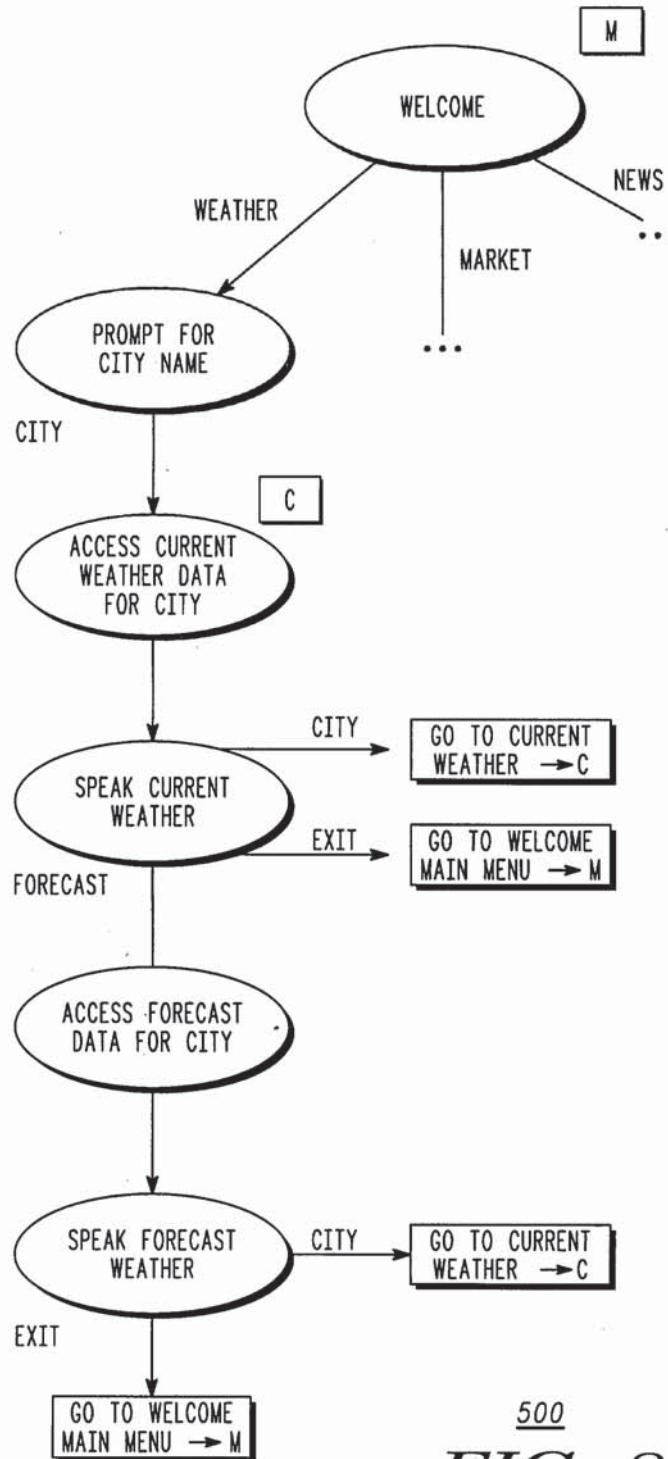


**FIG. 7**



LADD, ET AL.  
CAS0009C04

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500  
**FIG. 8**

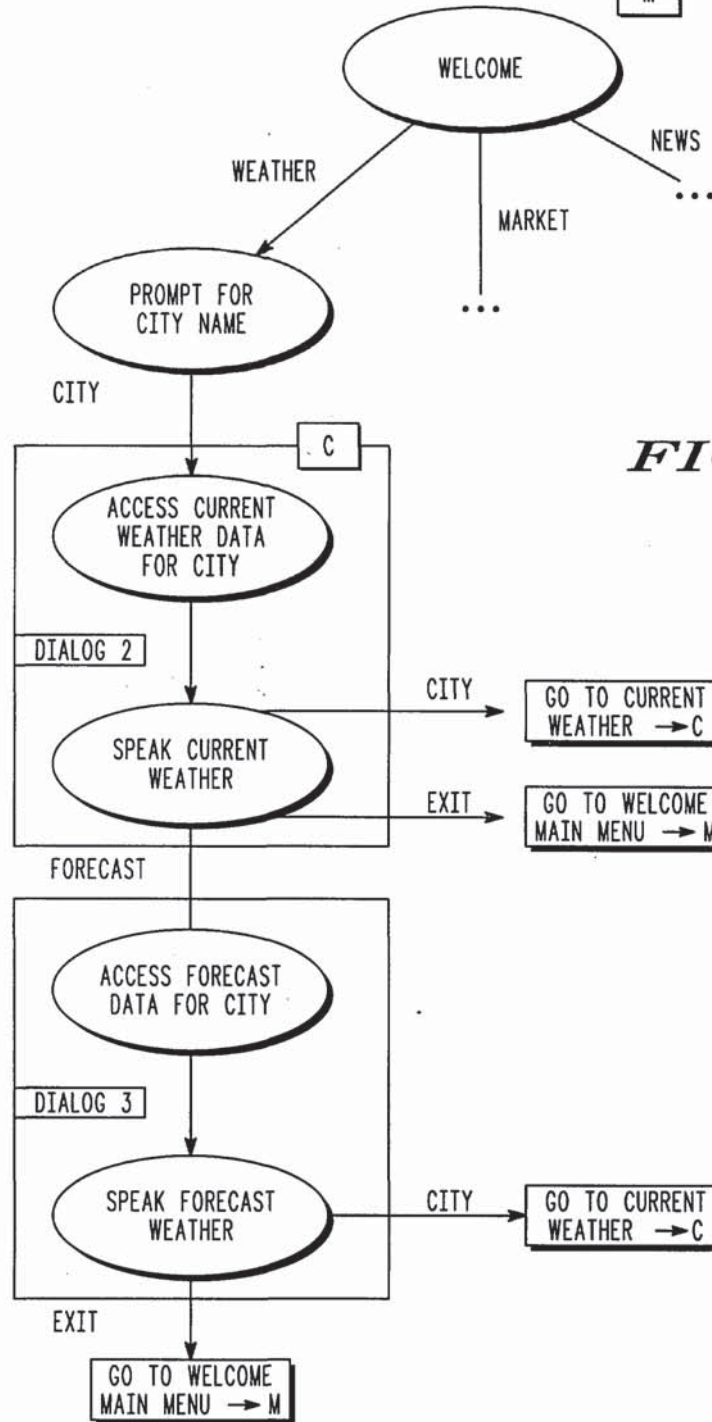


LADD, ET AL.  
CAS0009C04

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M

DIALOG 1



**FIG. 9**

DIALOG 1

DIALOG 1





LADD, ET AL.  
CAS0089C04

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  TIMEOUT="200" />  
</STEP>
```

***FIG. 10***

# PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Box ISSUE FEE  
Commissioner for Patents  
Washington, D.C. 20231  
**Fax** (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (NOTE: Legibly mark up with any correction or the block 1)  
22917 7590 08/19/2002

MOTOROLA, INC.  
1303 EAST ALGONQUIN ROAD  
IL01/3RD  
SCHAUMBURG, IL 60196



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission  
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Jennifer Magness (Depositor's name)  
Jennifer Magness (Signature)  
8/30/02 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/644,638	08/23/2000	DAVID LADD	CAS0009-C04	2902

TITLE OF INVENTION: MARKUP LANGUAGE FOR INTERACTIVE SERVICES TO ALLOW AN AUDIBLE USER INPUT TO BE CONVERTED TO A TEXT STRING AND METHODS THEREOF

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1280	\$0	\$1280	11/19/2002

EXAMINER	ART UNIT	CLASS-SUBCLASS
MCFADDEN, SUSAN IRIS	2654	704-270000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.  
1 Charles W. Bethards  
2 Hisashi D. Watanabe  
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Motorola, Inc.

Schaumburg, IL

Please check the appropriate assignee category or categories (will not be printed on the patent) ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

☒ Issue Fee

☐ A check in the amount of the fee(s) is enclosed.

☐ Publication Fee

☐ Payment by credit card. Form PTO-2038 is attached.

☐ Advance Order - # of Copies

☒ The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 13-4765 (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) Hisashi D. Watanabe (Date) 9/30/02

Hisashi D. Watanabe

Reg. No. 37,465

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

10/08/2002 HBIZUNE2 00000197 134768 09644638

01 FC:142 1280.00 CH

TRANSMIT THIS FORM WITH FEE(S)

PTOL-85 (REV. 04-02) Approved for use through 01/31/2004. OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



Certificate  
FEB 12 2003  
of Correction PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:	Ladd, David, et al	SERIAL NO.:	09/644,638
PATENT NO.:	6,493,673 B1	FILED:	August 23, 2000
ISSUED:	December 10, 2002	CASE NO.:	CAS0009 C04
ENTITLED:	MARKUP LANGUAGE FOR INTERACTIVE SERVICES AND METHODS THEREOF		

Motorola, Inc.  
Intellectual Property Dept.  
600 North U.S. Highway 45  
Libertyville, IL 60048

REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 CFR 1.322

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the provisions of 37 CFR 1.322 of the Rules of Practice, which implement 35 USC 254, the Patent and Trademark Office is respectfully requested to issue a Certificate of Correction in the above-identified patent.

It is certified that errors appear in the above-identified patent as shown in the attached Certificate of Correction.

Applicant certifies that the errors are of a minor character and were not the fault of Applicant. Since the changes necessary to correct these errors in the patent would not constitute new matter, and would not require re-examination, Applicant prays a Certificate of Correction will issue.

Since errors were not the fault of Applicant, it is believed that there will not be a fee for this Certificate of Correction.

Respectfully submitted,

Please forward all  
correspondence to:

Motorola, Inc.  
Intellectual Property Dept. (RKB)  
600 N. US Highway 45  
Libertyville, IL 60048

By Hisashi D. Watanabe 01/28/03  
Hisashi D. Watanabe Date  
Attorney for Applicants  
Registration No. 37,465  
MOTOROLA, INC.  
Phone: (847) 523-2322  
Fax: (847) 523-2350

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only

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,493,673 B1  
DATED : December 10, 2002  
INVENTOR(S) : Ladd, David, et al

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

*col. 46*  
~~Claim 14~~ Line 11

Delete has been inserted after string, *C*

MAILING ADDRESS OF SENDER:

Motorola, Inc.  
600 North U.S. Hwy. 45, Room AN475  
Libertyville, IL 60048

PATENT NO. 6,493,673 B1

No. of add'l copies  
@ 50¢ per page





PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

08/29/2010 PSTANBAC 00000004 134772 09644638

01 FC:101	690.00 CH
02 FC:103	576.00 CH
03 FC:102	156.00 CH

<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Effective December 29, 1999				Application or Docket Number <div style="font-size: 1.2em; margin-top: 5px;">9/644638</div>	
<b>CLAIMS AS FILED - PART I</b>					
(Column 1)		(Column 2)			
FOR	NUMBER FILED	NUMBER EXTRA			
BASIC FEE					
TOTAL CLAIMS	52 minus 20 =		* 32		
INDEPENDENT CLAIMS	5 minus 3 =		* 2		
MULTIPLE DEPENDENT CLAIM PRESENT					
* If the difference in column 1 is less than zero, enter "0" in column 2					
<b>CLAIMS AS AMENDED - PART II</b>					
(Column 1)		(Column 2)		(Column 3)	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				
(Column 1)		(Column 2)		(Column 3)	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				
(Column 1)		(Column 2)		(Column 3)	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.					

SMALL ENTITY TYPE <input type="checkbox"/>		OR	OTHER THAN SMALL ENTITY	
RATE	FEE		RATE	FEE
	345.00	OR		690.00
X\$ 9=		OR	X\$18=	576
X39=		OR	X78=	156
+130=		OR	+260=	
TOTAL		OR	TOTAL	1422

SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X\$ 9=		OR	X\$18=	
X39=		OR	X78=	
+130=		OR	+260=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

**FEE CALCULATION SHEET**  
(FOR USE WITH FORM PTO)

**CLAIMS**

	AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT			INDEP.		INDEP.		INDEP.	
	IND.	DEP.	IND.	DEP.	IND.	DEP.		IND.	DEP.	IND.	DEP.	IND.	DEP.
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TOTAL IND.							TOTAL IND.						
TOTAL DEP.							TOTAL DEP.						
TOTAL CLAIMS							TOTAL CLAIMS						

PTO-1340 (3-78)

\*MAY BE USED FOR ADDITIONAL CLAIMS OR AMENDMENTS

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



POSITION	INITIALS	ID NO.	DATE
FEE DETERMINATION	PS	66621	8/29
O.I.P.E. CLASSIFIER			
FORMALITY REVIEW	JP	711298	9/20
RESPONSE FORMALITY REVIEW			

### INDEX OF CLAIMS

✓ ..... Rejected      N ..... Non-elected  
 = ..... Allowed      I ..... Interference  
 - (Through numeral) ... Canceled      A ..... Appeal  
 ÷ ..... Restricted      O ..... Objected

Claim	Date
Final Original	
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Claim	Date
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If more than 150 claims or 10 actions  
staple additional sheet here

(LEFT INSIDE)



SEARCHED			
Class	Sub.	Date	Exmr.
704	260	2-28-02	DM
	270	↓	↓
379	88.13	↓	↓
Updated Search		7-15-02	DM
704	275	↓	↓
379	88.17	↓	↓
	88.22	↓	↓
	88.01	↓	↓

INTERFERENCE SEARCHED			
Class	Sub.	Date	Exmr.
704	275	8-8-02	DM
	270	↓	↓
	270.1		
379	88.01	↓	↓

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	Date	Exmr.
Search/Wait	2-28-02	DM
Spoke to Larry Smith	7-15-02	DM

(RIGHT OUTSIDE)