

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

In re application of:  
Vladimir Drunkin  
Serial No: 10/872,289  
Filed: 06-17-2004  
For: Natural Language For Programming  
A Specialized Computing System

Art Unit: 2168  
Examiner: ONI, OLUBUSOLA  
Conf. No.: 1890

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**AMENDMENT**

Mail Stop Amendments  
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Dear Sir:

Introductory Comments:

This is in response to the Office Action mailed on 06/04/2007, in the above-captioned application. The time for response has been extended pursuant to 37 CFR 1.136 by the virtue of the accompanying payment. Claims 1, 4-11 and 14-20 are pending in the current application. Claims 1, 4-11 and 14-20 are rejected under 35 U.S.C. §102.

This application is amended by the virtue of this response, pursuant to 37 CFR 1.111. Claims 4-6 and 14-16 have been cancelled. Claims 1 and 11 have been amended. The consideration of the amended claims and the remarks provided below are respectfully requested.

**MICROSOFT CORP. ET AL.**  
**EXHIBIT 1003**

Amendments to the Claims:

1. (Currently Amended) A method for programming a mobile communication device based on a high-level code comprising operative language, the method comprising:

receiving a high-level code comprising one or more keywords, wherein the high-level code is provided by a user of a mobile communication device to control the operation of the mobile communication device without having to select from menu items provided by an operating system running on the mobile communication device;

parsing the high-level code for the keywords to recognize the operative language associated with controlling one or more operations of the mobile communication device;

determining at least one operation associated with the operative language;

determining whether high-level code comprises keywords defining one or more relationships and conditions corresponding to the operative language; and

producing an executable code that can be executed by a microcontroller of the mobile communication device to perform the respective operation associated with the operative language;

~~determining level of complexity and implementation of the high-level code; and~~

~~designating an application software to process the high-level code.~~

wherein the high-level code comprises at least one sentence formatted in accordance with a first context,

~~wherein the high-level code is processed by a natural language compiler comprised of one or more modules executed on one or more independent computing systems, depending on the level of complexity and the implementation of the high-level code.~~

~~wherein application software is executed on a distributed environment comprising the mobile communication device and a network server connected to the mobile communication device, and the application software performs the parsing and determining steps depending on implementation, and~~

~~wherein when the high-level code comprises a complex structure the parsing and determining steps are performed by application software executed on a network server connected to the mobile communication device and when the high-level code comprises a less complex structure the parsing and determining steps are performed by application software executed on the mobile communication device.~~

~~wherein application software executed on the mobile communication device performs the parsing and determining steps, when the high-level code comprises a first level of complexity, and~~

~~wherein application software executed on a network server connected to the mobile communication device performs the parsing and determining steps, when the high-level code comprises a second level of complexity.~~

- 2-3 (Previously cancelled)
4. (Cancel)
5. (Cancel)
6. (Cancel)
7. (Original) The method of claim 1, wherein said at least one sentence comprises one or more keywords.
8. (Original) The method of claim 1, wherein the first context comprises a natural language context.
9. (Original) The method of claim 1, wherein the high-level code is contained in a script.
10. (Original) The method of claim 9, wherein the script is written by a user of the mobile communication device.
11. (Currently amended) A system for programming a mobile communication device based on a high-level code comprising operative language, the system comprising:
- means for receiving a high-level code comprising one or more keywords, wherein the high-level code is provided by a user of a mobile communication device to control the operation of the mobile communication device without having to select from menu items provided by an operating system running on the mobile communication device;
  - means for parsing the high-level code for the keywords to recognize the operative language associated with controlling one or more operations of the mobile communication device;
  - means for determining at least one operation associated with the operative language;
  - means for determining whether high-level code comprises keywords defining one or more relationships and conditions corresponding to the operative language; and
  - means for producing an executable code that can be executed by a microcontroller of the mobile communication device to perform the respective operation associated with the operative language,

means for determining level of complexity and implementation of the high-level code;

means for designating an application software to process the high-level code

wherein the high-level code comprises at least one sentence formatted in accordance with a first context,

wherein the high-level code is processed by a natural language compiler comprised of one or more modules executed on one or more independent computing systems, depending on the level of complexity and the implementation of the high-level code,

wherein application software is executed on a distributed environment comprising the mobile communication device and a network server connected to the mobile communication device, and the application software performs the parsing and determining steps depending on implementation, and

wherein when the high-level code comprises a complex structure the parsing and determining steps are performed by application software executed on a network server connected to the mobile communication device and when the high-level code comprises a less complex structure the parsing and determining steps are performed by application software executed on the mobile communication device.

~~wherein application software executed on the mobile communication device performs the parsing and determining steps, when the high-level code comprises a first level of complexity, and~~

~~wherein application software executed on a network server connected to the mobile communication device performs the parsing and determining steps, when the high-level code comprises a second level of complexity.~~

12-13 (Previously cancelled)

14. (Cancel)

15. (Cancel)

16. (Cancel)

17. (Original) The system of claim 11, wherein said at least one sentence comprises one or more keywords.

18. (Original) The system of claim 11, wherein the first context is a natural language context.

19. (Original) The system of claim 11, wherein the high-level code is contained in a script.

20. (Original) The system of claim 19, wherein the script is written by a user of the mobile communication device.

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