AMENDMENTS TO THE CLAIMS

1-5.   (Not subject to reexamination)

6.   (Original) 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 designation 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 an 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.

7.   (Original) The system of claim 6, wherein said at least one sentence comprises one or more keywords.

8.   (Original) The system of claim 6, wherein the first context is a natural language context.

9.   (Original) The system of claim 6, wherein the high-level code is contained in a script.

10.   (Original) The system of claim 9, wherein the script is written by a user of the mobile communication device.

11.   (Previously Presented) A method for programming a mobile communication device based on a high-level code, the method comprising:

    at a processor of a mobile communication device:

        receiving the high-level code, formatted in context of a natural language, from a user of the mobile communication device without the user having to select from menu items provided by an operating system running on the mobile communication device, the high-level code including operative language associated with controlling at least one operation of the mobile communication device;

        determining implementation of the high-level code and in an event the implementation requires processing one or more portions of the high-level code at one or more network server connected to the mobile communication device, forwarding the one or more portions of high-level code to at least one of the one or more network servers for processing using a server-based application software, the application software comprising a natural language compiler comprised of one or more modules executed on one or more independent computing systems and the application software being executed on a distributed environment comprising a locally executed application software on the mobile communication device and the server-based application software on the one or more network servers;

processing any remaining portion of the high-level code using the locally
executed application software; wherein processing using the locally-executed application
software comprises:

parsing the remaining portion of the high-level code for keywords in order
to recognize the operative language included therein;

determining the at least one operation associated with the recognized
operative language;

determining whether the high-level code comprises relationships or
conditions that are to be considered for performing the at least one operation;

searching an internal memory of the mobile communication device to
determine whether the internal memory includes one or more data sources
required for performing the at least one operation; and

determining a level of complexity of the high-level code based on the at
least one operation, the relationships or the conditions that are to be considered
for performing the at least one operation, and whether the internal memory of the
mobile communication device includes the one or more data sources required for
performing the at least one operation;

producing executable code for at least one part of the remaining portion of
the high-level code determined to have a simple level of complexity, the
executable code comprising instructions that can be executed by the processor of
the mobile communication device for performing the at least one operation; and

forwarding at least one part of the remaining portion of the high-level code
determined to have a high level of complexity to at least one of the one or more
network servers, wherein the server-based application software is configured to 1)
produce the executable code for performing the at least one operation included in
at least one portion or at least one part of the high-level code received by the at
least one or more servers and 2) forward the executable code to the mobile device;
and

receiving, from at least one of the one or more network servers, the executable code
produced for the at least one portion or the at least one part of the high-level code forwarded to
the one or more network servers; and

executing the executable code produced at the mobile device and the executable code received from the at least one of one or more network servers in order to perform the at least one operation of the mobile communication device indicated by the high-level code.

12.   (Previously Presented) A method for programming and operating a mobile communication device based on a high-level programming code comprising operative natural language, the method comprising:

receiving a natural language high-level programming code comprising one or more keywords, wherein the natural language high-level programming code is provided by a user of a mobile communication device to program 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 natural language high-level programming code for the keywords to recognize the operative natural language and data sources associated with programming the one or more operations of the mobile communication device;

determining at least one operation associated with the keywords recognized in the operative natural language;

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

determining if information associated with the keywords recognized in the operative natural language, including contact information, data sources and relationships or conditions is stored in an internal memory of the mobile communication device;

using a natural language compiler application software program, 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 natural language;

determining level of complexity of the natural language high-level programming code based on a) the natural language high-level programming code, b) the recognized operative natural language and the data sources associated with programming the one or more operations of the mobile communication device, c) the at least one operation associated with the keywords recognized in the operative natural language, d) the one or more relationships and conditions corresponding to the operative natural language, and e) presence of the information associated

with the keywords recognized in the operative natural language, including the contact information, data sources, and relationships and conditions stored in the internal memory of the mobile communication device for proper assignment of natural language processing operations to the mobile communication device or to a network server for producing said executable code;

determining implementation of the natural language high-level programming designating application software to process the high-level code, wherein:

the natural language high-level programming code comprises at least one sentence formatted in accordance with a first context;

said sentence can comprise keywords defining conditions or relationships based on which an operation is performed;

the natural language high-level programming code is processed by the natural language compiler application software program comprising of one or more modules executed on one or more independent computing systems, depending on the level of complexity and the implementation of the natural language high-level programming code;

the 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 level of complexity depending on implementation; and

when the natural language high-level programming code comprises a complex structure the parsing and determining of complexity are performed by application software executed on a network server connected to the mobile communication device and when the natural language high-level programming code comprises a less complex structure the parsing and determining of complexity are performed by application software executed on the mobile communication device; and

manipulating the operation of the mobile communication device using said application software compiler produced executable code based at least in part on recognized keywords and associated information including contact information, data source and relationships or conditions from internal memory of the mobile communication device.

13.   (New) The method of claim 11, wherein the mobile communication device is a cellular telephone.

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