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09-18-00

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This is a request for filing a PROVISIONAL APPLICATION under 37 CFR 1.53 (b)(2)

Docket Number		47242-00034		Type a plus sign (+) inside this box		+		
INVENTOR(S)/APPLICANT(S)								
LAST NAME		FIRST NAME		MIDDLE INITIAL		RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY)		
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TITLE OF THE INVENTION (280 characters max)								
Invention: Robust Voice Browser System and Voice Activated Device Controller								
CORRESPONDENCE ADDRESS								
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STATE	Texas		ZIP CODE	75202		COUNTRY	USA	
ENCLOSED APPLICATION PARTS (check all that apply)								
<input checked="" type="checkbox"/> Specification		Number of Pages <u>21</u>		<input type="checkbox"/> Small Entity Statement				
<input checked="" type="checkbox"/> Drawings		Number of Sheets <u>2</u>		<input type="checkbox"/> Other (specify) _____				
METHOD OF PAYMENT (check one)								
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Deposit Account Number: <u>10-0447 (47242-00034)</u>								

09/15/00
60/203068
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5033068-091500

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

No.
 Yes, the name of the U.S. Government agency and the Government contract number are: _____

Respectfully submitted,

Date: 9/15/2000

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<u>Maurice Milla Hammond</u> Signature	

CHICAGO 128603v1 47242-00034

Google Exhibit 1023
Google v. Parus

47242-00034

**PROVISIONAL APPLICATION FOR UNITED STATES LETTERS
PATENT**

for

**ROBUST VOICE BROWSER SYSTEM AND
VOICE ACTIVATED DEVICE CONTROLLER**

INVENTORS:

Alex Kurganov

"EXPRESS MAIL" MAILING LABEL

Number: EK506616956US

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**ROBUST VOICE BROWSER SYSTEM AND
VOICE ACTIVATED DEVICE CONTROLLER**

FIELD OF THE INVENTION

5 The present invention relates to a robust and highly reliable system that allows
users to browse web sites and retrieve information by using conversational voice
commands. Additionally, the present invention allows users to control and monitor other
systems and devices that are connected the Internet or any other network by using voice
commands.

10

BACKGROUND OF THE INVENTION

 Currently, three options exist for a user who wishes to gather information from a
web site accessible over the Internet. The first option is to use a desktop or a laptop
computer connected to a telephone line via a modem or connected to a network with
15 Internet access. The second option is to use a Personal Digital Assistant (PDA) that has
the capability of connecting to the Internet either through a modem or a wireless
connection. The third option is to use one of the newly designed web-phones or web-
pagers that are now being offered on the market. Although each of these options can
allow a user to access the Internet and browse web sites, each of them have their own
20 drawbacks.

 Desktop computers are very large and bulky and are difficult to transport. Laptop
computers solve this inconvenience, but many are still quite heavy and are inconvenient
to carry. Further, laptop computers cannot be carried and used everywhere that a user

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travels. For instance, if a user wishes to obtain information from a remote location where no electricity or communication lines are installed, it would be nearly impossible to use a laptop computer. Oftentimes, information is needed on an immediate basis where a computer is not accessible. Furthermore, the use of laptop or desktop computers to
5 access the Internet requires a connection to either a network or a POTS (Plain Old Telephone Service) line. Oftentimes, such connections are not available when a user desires to connect to the Internet.

The second option for remotely accessing web sites is the use of PDAs. These devices also have their own set of drawbacks. First, PDAs that have the ability to
10 connect to the Internet and access web sites are not readily available. As a result, these PDAs tend to be very expensive. Furthermore, users are usually required to pay a special service fee to enable the web browsing feature of the PDA. A further disadvantage of these PDAs is that web sites must be specifically designed to allow these devices to access information on the web site. Therefore, a limited number of web sites are
15 available that are accessible by these web-enabled PDAs. Finally, it is very common today for users to carry cell phones, however, users must also carry a separate PDA if they require the ability to gather information from various web sites. Therefore, users must carry two separate devices and must also subscribe to and pay for two separate services. That is, a user must pay for both cellular telephone service and also for the
20 web-enabling service for the PDA. This results in a very expensive alternative for the consumer.

The third alternative mentioned above is the use of web-phones or web-pagers. These devices suffer many of the same drawbacks as PDAs. First, these devices are

expensive to purchase. Further, the number of web sites accessible to these devices is limited since web sites must be specifically designed to allow access by these devices. Furthermore, users are often required to pay an additional fee in order to gain wireless web access. Again, this service is expensive. Another drawback of these web-phones or web-pagers is that as technology develops, the methods used by the various web sites to allow access by these devices may change. These changes may require users to purchase new web-phones or web-pagers or have the current device serviced in order to upgrade the firmware or operating system stored within the device. At the least, this would be inconvenient to users and may actually be quite expensive.

10

SUMMARY OF THE INVENTION

The present invention allows users to access and browse web sites without being subjected to the added expenses, inconveniences, and limitations that exist in currently available web browsing systems. This is accomplished by providing a system and method that allows users to browse web sites using conversational voice commands spoken into any type of voice receiving device (i.e., any type of wireline or wireless telephone, IP phone, or other wireless device). These spoken commands are then converted into data messages by a speech recognition engine running on a media server. These data messages are then processed by a web browsing module and transmitted to the desired web site using the Internet. Responses sent from a web site are received and processed by the web browsing module and transmitted as formatted data to the media server. The media server converts this data into audible messages by either matching the data with a prerecorded audio prompt or by using a speech synthesizer.

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