



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Includes application details for Alexander Kurganov and examiner information for CHAWAN, VIJAY B.

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

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@patentlawworks.net
patents@patentlawworks.net



United States Patent and Trademark Office

Office of the Chief Financial Officer

October 10, 2018

PATENT LAW WORKS LLP
Attn: REENA KUYPER
310 EAST 4500 SOUTH
SUITE 400
SALT LAKE CITY, UT 84107

Dear Sir/Madam,

The United States Patent and Trademark Office (USPTO) has reviewed your refund request for Reference Number **15269776** - Refund Request ID **REFND-20181009-00012**. Below is the current status of your refund request assigned to the following processing area: Office of Patent Examination Support Services

Fee code	Decision	Decision Reason(s)	Refund Amount
1806	Approved	Entity Status Change	\$120.00
1806	Approved	Entity Status Change	\$90.00

Generally, approved refunds will be issued in the form that the original payment was provided. You will receive a separate decision letter for any additional fee codes assigned to other processing areas, if applicable. Decisions may be subject to change if an error is identified.

For questions related to this decision, contact the Case Resolution Team at (571) 272-1720 or case.resolution@USPTO.GOV.

Thank you,
Refund Branch

Document code: WFEE

United States Patent and Trademark Office
Sales Receipt for Accounting Date: 10/10/2018

DMARTINO RF #30220114 Mailroom Dt: 10/10/2018 15269776

Credit Card Refund Total: \$120.00

American Express

XXXXXXXXXXXX1002

Document code: WFEE

United States Patent and Trademark Office
Sales Receipt for Accounting Date: 10/10/2018

DMARTINO RF #30220113 Mailroom Dt: 10/10/2018 15269776

Credit Card Refund Total: \$90.00

American Express

XXXXXXXXXXXX1002



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/269,776	10/09/2018	10096320	10115-05709 US	2723

93219 7590 09/19/2018
Patent Law Works, LLP
310 East 4500 South, Suite 400
Salt Lake City, UT 84107

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

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

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

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) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Alexander Kurganov, Buffalo Grove, IL;
Parus Holdings, Inc., Bannockburn, IL;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Row 1: 15/269,776, 09/19/2016, Alexander Kurganov, 10115-05709 US, 2723
Row 2: 7590, 09/18/2018, Patent Law Works, LLP, 310 East 4500 South, Suite 400, Salt Lake City, UT 84107
Row 3: EXAMINER CHAWAN, VIJAY B
Row 4: ART UNIT 2658, PAPER NUMBER
Row 5: NOTIFICATION DATE 09/18/2018, DELIVERY MODE ELECTRONIC

Letter Withdrawing a Notice Requiring Inventor's Oath or Declaration

The Notice Requiring Inventor's Oath or Declaration mailed on 5-29-18 was sent in error, and is hereby withdrawn. The time period set forth in the Notice of Allowance and Fee(s) Due to file a reply and pay the required fees continues to run from the mailing date of the Notice of Allowance and Fee(s) Due. Any time period set forth in the Notice of Allowability continues to run from the mailing date of the Notice of Allowability.

Questions relating to this Notice should be directed to the Application Assistance Unit at 571-272-4200.

(571)-272-4200 or 1(888)-786-0101
Patent Publication Branch
Office of Data Management

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 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: Use Block 1 for any change of address)

93219 7590 05/29/2018
 Patent Law Works, LLP
 310 East 4500 South, Suite 400
 Salt Lake City, UTAH 84107
 UNITED STATES OF AMERICA

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 Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/269,776	09/19/2016	Alexander Kurganov	10115-05709 US	2723

TITLE OF INVENTION: ROBUST VOICE BROWSER SYSTEM AND VOICE ACTIVATED DEVICE CONTROLLER

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1000	\$0.00	\$0.00	\$1000	08/29/2018

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHAWAN, VIJAY B	2658	704-275000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. <input type="checkbox"/> "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. <u>Patent Law Works LLP</u> 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. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: Parus Holdings, Inc. (B) RESIDENCE: (CITY and STATE OR COUNTRY) Bannockburn, Illinois

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 submitted: <input checked="" type="checkbox"/> Issue Fee <input type="checkbox"/> Publication Fee (No small entity discount permitted) <input type="checkbox"/> Advance Order - # of Copies _____	4b. Payment of Fees(s): (Please first reapply any previously paid issue fee shown above) <input type="checkbox"/> A check is enclosed. <input checked="" type="checkbox"/> Payment by credit card. <u>XXXXXXXXXXXX</u> <input type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).
---	---

5. Change in Entity Status (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Reena Kuyper/ Date 08/29/2018

Typed or printed name Reena Kuyper Registration No. 33,830

Electronic Patent Application Fee Transmittal

Application Number:	15269776			
Filing Date:	19-Sep-2016			
Title of Invention:	ACQUIRING INFORMATION FROM SOURCES RESPONSIVE TO NATURALLY-SPOKEN-SPEECH COMMANDS PROVIDED BY A VOICE-ENABLED DEVICE			
First Named Inventor/Applicant Name:	Alexander Kurganov			
Filer:	Reena Kuyper/Kristi LaMont			
Attorney Docket Number:	10115-05709 US			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
UTILITY APPL ISSUE FEE	2501	1	500	500

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				500

Electronic Acknowledgement Receipt

EFS ID:	33577541
Application Number:	15269776
International Application Number:	
Confirmation Number:	2723
Title of Invention:	ACQUIRING INFORMATION FROM SOURCES RESPONSIVE TO NATURALLY-SPOKEN-SPEECH COMMANDS PROVIDED BY A VOICE-ENABLED DEVICE
First Named Inventor/Applicant Name:	Alexander Kurganov
Customer Number:	93219
Filer:	Reena Kuyper/Kristi LaMont
Filer Authorized By:	Reena Kuyper
Attorney Docket Number:	10115-05709 US
Receipt Date:	29-AUG-2018
Filing Date:	19-SEP-2016
Time Stamp:	16:24:15
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$500
RAM confirmation Number	083018INTEFSW16243900
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

--	--	--	--	--	--

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	05709US_20180829_IssueFeeT ransmittal.pdf	178863 6b573132ef4eb2627329a93bd3f9a9f009e d6c2	no	1

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30441 6a1f69222b7451c1952b19a2544ca15bf16e de00	no	2
---	----------------------	--------------	---	----	---

Warnings:

Information:

Total Files Size (in bytes):	209304
-------------------------------------	--------

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Acquiring Information from Sources Responsive to Naturally-
Spoken-Speech Commands Provided by a Voice-Enabled Device
EXAMINER: Vijay B. Chawan
GROUP ART UNIT: 2658
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on 8/29/2018.

By: /Reena Kuyper/

Reena Kuyper, Reg. No. 33,830

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R § 1.56 (d)

Sir:

Pursuant to 37 CFR § 1.56 (d), Applicant makes a record in this prosecution history of references cited and considered by Examiners in related patent applications as designated below.

Copies of these references are available in the respective file histories noted below.

Respectfully, the filing of this information disclosure statement should not be construed as an admission that the information cited in this statement is, or is considered to be, material to patentability (under 37 C.F.R. § 1.56 (h)) of the allowed claims here as defined by 37 C.F.R. §

Page 1 of 3

Application No. 15/269,776

Dkt. No. 10115-05709 US

1.56 (b). In addition, certain references are papers from prior inactive litigation proceedings of related patents.

Specifically, the following listed references were cited in parent U.S. Patent Application Number 13/462,819, from which the present application claims priority, said U.S. Patent Application issued as **U.S. Patent No. 9,451,084 B2**:

Patent Number	Issue Date	Patentee
5145452	1992-09-08	Chevalier
6201814	2001-03-13	Greenspan
6501966	2002-12-31	Bareis et al.
6618039	2003-09-09	Grant et al.
6633846	2003-10-14	Bennett

Foreign Document Number	Country Code	Publication Date	Name of Applicant
97/37481	WO	1997-10-09	Northern Telecom Limited
98/23058	WO	1998-09-03	Premiere Communications, Inc.

Non-Patent Literature Documents
HEMPHILL et al., "Surfing the Web by Voice," ACM Multimedia 95 - Electronic Proceedings, November 5-9, 1995, San Francisco, CA, 8 pgs.
OYE, "Juggler," available at http://www.philoye.comiwork/juggler2.shtml (accessed on December 8, 2006), 1 pg.
OYE, "Juggler," available at http://www.philoye.comlwork/juggler3.shtml (accessed on December 8, 2006), 1 pg.
Plaintiff Parus Holdings, Inc.'s Supplemental Response to Defendant Web Telephony LLC's Second Set of Interrogatories (Nos. 13-17), Parus Holdings, Inc. v. Web Telephony LLC & Robert Swartz, Case No. 06-cv-01146 (N.D. Ill.), October 31, 2006, 31 pgs.

The following listed reference was cited in U.S. Application Number 15/436,377, which is a continuation of the present application:

Non-Patent Literature Documents
Judgment without Opinion for Parus Holdings Inc., v. Sallie Mae Bank, Navient Solutions Inc., PNC Bank, N.A., Suntrust Bank, Suntrust Mortgage Inc., 2016-1179, 2016-1180, 2016-1181, entered February 27, 2017, 2 pgs.

For convenience, copies of the foreign and NPL references are provided.

This submission is made with payment of the fee set forth in 37 C.F.R. § 1.17 (p). The Examiner is respectfully requested to include this information disclosure statement as part of the prosecution history of the present application.

Respectfully submitted,
PARUS HOLDINGS, INC.

Dated: August 29, 2018 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33,830
Of
PATENT LAW WORKS LLP
310 East 4500 South, Suite 400
Salt Lake City, UT 84107
Tel.: (650) 537-4509
Fax: (801) 355-0160
Email: rkuyper@patentlawworks.net

RBK/kdl

EP 22070 (3)



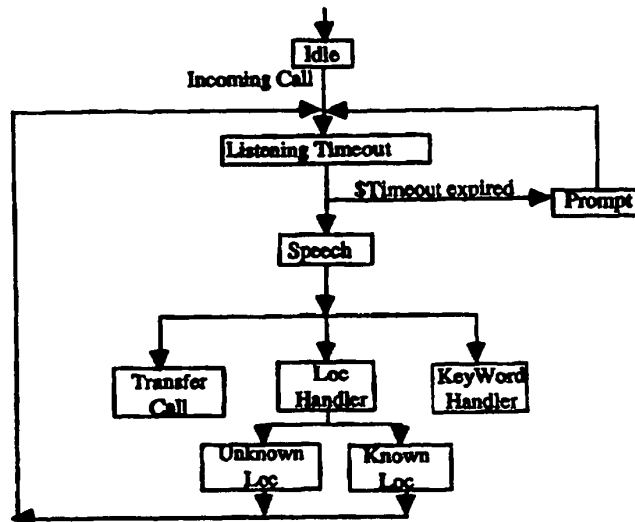
PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification ⁶ : H04M 1/27, G10L 5/06</p>	<p>A1</p>	<p>(11) International Publication Number: WO 97/37481 (43) International Publication Date: 9 October 1997 (09.10.97)</p>
<p>(21) International Application Number: PCT/CA97/00008 (22) International Filing Date: 9 January 1997 (09.01.97) (30) Priority Data: 08/623,635 28 March 1996 (28.03.96) US (71) Applicant: NORTHERN TELECOM LIMITED [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA). (72) Inventor: WONG, Chi; Apartment #3390, 2850 Middlefield Road, Palo Alto, CA 94306 (US). (74) Agent: MacGREGOR, George; Northern Telecom Limited, Patent Dept., P.O. Box 3511, Station "C", Ottawa, Ontario K1Y 4H7 (CA).</p>	<p>(81) Designated States: CA, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.</p>	

(54) Title: APPARATUS AND METHOD FOR REDUCING SPEECH RECOGNITION VOCABULARY PERPLEXITY AND DYNAMICALLY SELECTING ACOUSTIC MODELS



(57) Abstract

A method of reducing the perplexity of a speech recognition vocabulary and dynamically selecting speech recognition acoustic model sets used in a simulated telephone operator apparatus. The directory of users of the telephone network is subdivided into subsets wherein each subset contains the names of users within a certain location or exchange. A speech recognition vocabulary database is compiled for each subset and the appropriate database is loaded into the speech recognition apparatus in response to a requested call to the location covered by the subset. Furthermore, a site-specific acoustic model set is dynamically loaded according to the location of a calling party. An apparatus for carrying out the method is also discussed.

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav Republic of Macedonia	TM	Turkmenistan
BF	Burkina Faso	GR	Greece	ML	Mali	TR	Turkey
BG	Bulgaria	HU	Hungary	MN	Mongolia	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MR	Mauritania	UA	Ukraine
BR	Brazil	IL	Israel	MW	Malawi	UG	Uganda
BY	Belarus	IS	Iceland	MX	Mexico	US	United States of America
CA	Canada	IT	Italy	NE	Niger	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NL	Netherlands	VN	Viet Nam
CG	Congo	KE	Kenya	NO	Norway	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NZ	New Zealand	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's Republic of Korea	PL	Poland		
CM	Cameroon	KR	Republic of Korea	PT	Portugal		
CN	China	KZ	Kazakistan	RO	Romania		
CU	Cuba	LC	Saint Lucia	RU	Russian Federation		
CZ	Czech Republic	LI	Liechtenstein	SD	Sudan		
DE	Germany	LK	Sri Lanka	SE	Sweden		
DK	Denmark	LR	Liberia	SG	Singapore		
EE	Estonia						

APPARATUS AND METHOD FOR REDUCING SPEECH RECOGNITION
VOCABULARY PERPLEXITY AND DYNAMICALLY SELECTING
ACOUSTIC MODELS

5

Field of the Invention

This invention relates to automatic speech recognition in telecommunication systems and to the use of such systems to provide large scale voice activated dialing and information retrieval services.

Background to the Invention

In the early development of telephone systems it was commonplace for a telephone subscriber to converse directly with a telephone operator at a telephone central office. The telephone subscriber would verbally request the telephone operator to complete a connection to a called party. As telephone exchanges were small the telephone operator was aware of virtually all of the subscribers by name and manually completed the requested connection. With the advent of dial telephone services, calls within an exchange could be completed automatically, and only certain toll calls required operator assistance. Today, operator assisted calls have become the exception and are usually comparatively expensive. Machine-simulated operator functions, including limited speech recognition services, have recently been available for expediting some typical operator-assisted functions. This includes "collect" long distance calls wherein completion of the connection is contingent upon the called party agreeing to pay for the service. However, these functions are limited to the simple recognition of "yes" or "no" so there is little room for non-functionality due to uncertainty as to which word was spoken. There have also been advancements in voice recognition services relating to directory assistance but these too are directed to a very limited vocabulary.

Prior Art

The prior art contains several recent developments pertaining to voice recognition in general, and to voice recognition applicable to telecommunication systems in particular.

U.S. Patent No. 5,091,947, which issued February 25, 1992 to Ariyoshi et al, entitled "Speech Recognition Method and Apparatus", discloses a voice recognition system for comparing both speaker dependent and speaker independent utterances against stored voice patterns within a coefficient memory. The voice identification comparator selects the one voice pattern having the highest degree of similarity with the utterance in question.

15

In U.S. Patent No. 5,165,095, which issued on November 17, 1992, Borcharding discloses a voice recognition system to initiate dialog to determine the correct telephone number. According to the '095 patent, the calling party is first identified so that a database containing speaker templates can be accessed. These templates are then used to compare the dial command so that the dialing instructions can be recognized and executed. An example of a dialing directive in the patent is "call home", with "call" being the dial command and "home" being the destination identifier.

20

25

Gupta et al, in U.S. Patent No. 5,390,278 issued February 14, 1995, disclose a flexible vocabulary speech recognition for recognizing speech transmitted via the public switched telephone network. This voice recognition technique is a phoneme based system wherein the phonemes are modeled as hidden Markov models.

30

In spite of these ongoing developments, the functionality of automatic recognition of human speech by machine has not advanced to a degree wherein a calling party

35

can simply speak the called party's name and thereafter be connected as reliably as a human operator in situations where the database for a potential called party is very large (greater than 100 names).

5

Summary of the Invention

The present invention is in the field of human speech recognition performed by machines and more particularly relates to a reduction of the perplexity of the speech recognition task in the context of names spoken by a telephone user in a telephone system.

Individual users of telephone networks are divided into subsets to facilitate identification of the vast number of subscribers to the service. In the public network these subsets are local exchanges. Private switching networks such as the Nortel Electronic Switching Network (ESN) assigns individual ESN numbers to each location within the private network. The present invention relies on these subsets or location identifiers to reduce the perplexity of a speech recognition application.

Therefore in accordance with a first aspect of the present invention, there is provided a telephone network including a plurality of telephone exchanges, each for serving a plurality of telephone terminals and each being interconnected with at least one other of the telephone exchanges for providing telephone communications between users of the telephone terminals. The network function includes a simulated telephone operator apparatus for receiving a speech request from a user for connection to another telephone user and to translate this request into a directory number for use by the appropriate one of the telephone exchanges. The translation is in accordance with a speech recognition algorithm and an active speech recognition vocabulary selected in accordance with the origin of the request.

In an ESN application the active speech recognition vocabulary is limited to the names of the individuals serviced by the ESN number. In a preferred embodiment the ESN number, which is also a location code, is contained in the first two or three digits of the directory number.

In accordance with a second aspect of the invention there is provided a simulated telephone operator server for a telephone network. The server has means for storing voice utterances of a calling party telephone user and means responsive to location information in association with the telephone user for selecting an active speech recognition vocabulary. Speech detection means are provided for processing the stored voice utterance in accordance with a speech recognition algorithm and the active speech recognition vocabulary. Directory lookup means identify a directory listing of a called party corresponding to a result of the processing by the speech detection means. The server also includes means for transmitting the directory listing to a telephone exchange serving the called party.

In accordance with a further aspect of the invention there is provided a telephone exchange comprising: a plurality of ports for serving a plurality of telephone users' telephone instruments via telephone lines; a trunk facility for connection to another telephone exchange; a switching network for connecting and disconnecting the telephone instruments; a controller means for causing a newly OFF HOOK telephone instrument to be coupled via the switching network with a solicitation signal, and subsequently for being responsive to a telephone number received in association with the newly OFF HOOK telephone instrument for completing a telephone call via the switching network. The exchange also includes an originating register means for storing voice band signals received from the newly OFF HOOK telephone instrument via the switching network.

Means are provided for detecting digits represented by frequency signals, within the stored voice band signals, in accordance with a standard for key pad dialed telephone numbers and for transmitting detected digits to the call controller. A simulated telephone operator apparatus receives and translates voice band signals in accordance with a speech recognition algorithm and an active speech recognition vocabulary selected in accordance with the origin of the voice band signals into a directory number for use by the controller means. An interface facility is provided for transmitting the stored voice band signals via the switching network to the simulated telephone operator server apparatus in an event wherein the voice band signals did not include a key pad dialed digit.

15

In accordance with yet a further aspect of the present invention there is provided a method of detecting a voiced speech request of a calling party for connection to another user of an automatic telephone exchange. The method comprises storing a plurality of speech recognition vocabularies in association with geographic location of users; receiving the voiced request and information as to the geographic location of the user having voiced the request from the automatic telephone exchange; selecting an active speech recognition vocabulary in accordance with the information as to the geographic location of the user and, in accordance with a speech recognition algorithm and the selected active speech recognition vocabulary, translating the received request into a directory number for use by the automatic telephone exchange in setting up a telephone connection between the calling telephone user and the other telephone user.

20

25

30

Brief Description of the Drawings

35

The invention will now be described in greater detail with reference to the attached drawings wherein:

FIGURE 1 is a block diagram illustrating trunk connections between private switch locations;

FIGURE 2 is a block diagram of the system hardware architecture;

5 FIGURE 3 is an overall system state diagram; and

FIGURE 4 is a state diagram of the key word handler.

Detailed Description of the Invention

10 The following description relates to an enterprise-wide speech directory calling service within a company or corporation having a number of locations. Each location is assigned a unique electronic switching network (ESN) location code or ESN number. As shown in the block
15 diagram of FIGURE 1, the on-site PBX 20 at each location is connected to each other location via trunk connectors 22. In this discussion the ESN comprises a three-digit code to identify the location. It is to be understood, however, that it is not essential to use all three digits to identify
20 the location as it may be sufficient to use the first two for example.

FIGURE 2 illustrates the hardware architecture in accordance with a preferred embodiment of the invention. As
25 shown, PBX 20 is connected to trunk 22 and to a plurality of on site telephone sets as known in the art. The speech recognition system 30 of the invention is connected to the PBX 20 via T1 line 32 via T1 card 34 and via signal link 36 and signal link card 38. Speech recognition system 30
30 includes a speech recognition processor operating on a speech recognition algorithm, central processor and control units as well as memory cards for storing active speech recognition vocabulary data bases.

35 Although FIGURE 1 refers to a private switching network using ESNs, it is to be understood that the

invention is not limited to such networks but can also be adapted to use in public switching systems.

One objective metric used to measure the accuracy of a speech recognition system is the Word Error Rate (WER). The WER is defined as the total number of incorrectly recognized words made by a speech recognition system divided by the total number of words spoken by a user of the system.

$$WER = \frac{\text{Number of Errors Made by Recognizer}}{\text{Number of Words Spoken by User}}$$

The present invention makes use of information as to the calling party's location for automatically assisting in improving the WER of a speech recognition system on a spoken called party's name for the purpose of connecting a telephone call.

It has been empirically shown that the WER of a speech recognition system will vary with the square root of the perplexity of the vocabulary of words being recognized. [Kimbali, O., et al., "Recognition Performance and Grammatical Constraints", Proceedings of a Workshop on Speech Recognition, Report Number SAIC-86/1546, Defense Advanced Research Projects Agency, Palo Alto, February 19-20, 1986.]

$$WER \propto \sqrt{\text{Perplexity}}$$

The perplexity of a vocabulary is defined as the measure of the constraint imposed by a grammar, or the level of uncertainty given the grammar of a population of users. Perplexity is mathematically modeled and quantified in the following way:

$$H = -\frac{1}{|V|} \sum_{w \in V} P(w) \cdot \log P(w)$$

$$B = 2^H$$

where: H is entropy
 $P(w)$ is the probability of w being spoken
 5 B is the perplexity of the application

The vocabulary of words in this implementation consists entirely of proper names; location names, and a small number of key words for command and control. For
 10 large corporations with a large number of employees, the proper names become the determining factor in measuring the perplexity since the number of employees will overwhelm the number of location names and key words. Thus location names and key words can be ignored in this calculation. If we
 15 make a simplifying assumption that every name is spoken with equal probability, then the equation above can be simplified to the following:

$$\text{Perplexity} = \sqrt[L]{S}$$

20

where: L is the average number of words in a sentence
 S is the number of sentences in the vocabulary V

If we further make the simplification that proper
 25 names contain two words -- first and last name -- and the number of sentences in the vocabulary is equivalent to the number of employee names, then we can further reduce the equation to the following:

$$30 \quad \text{Perplexity} = \sqrt{S}$$

If we make the assumption that the amount of
 confusability between names within a large database will be
 similar between large databases, the accuracy of a speech
 35 recognition system has the following relationship with the number of names in the vocabulary:

$$WER \propto \sqrt[3]{\text{Number of Active Directory Names}}$$

We can observe from the above equations that the WER increases with the perplexity and thus increases with the number of proper names in the vocabulary.

In the past, speech recognition scientists have used various methods to reduce the perplexity in an effort to improve the WER of a speech recognition system. To achieve this result, most of these efforts have been focused at the linguistic level. For example, scientists have used statistical language models and linguistics rules of phonology to reduce perplexity or uncertainty in recognizing a spoken word or phrase.

15

In this implementation the list of employee names for each location is stored in a separate speech recognition vocabulary. The employee name will normally be associated with the four digits of the telephone number following the three-digit ESN or location code. According to the system of the present invention a calling party wishing to speak to another employee at the same location will simply announce the first and last name of the employee to whom a connection is desired. The speech recognition system will assume that calling party and called party are at the same location and load the active speech recognition vocabulary database containing the names of all employees at that location. Using a conventional speech recognition algorithm the name spoken by the calling party is compared by the system against the names of all employees in the database and the closest match is selected. The name selected is announced to the calling party and the call is automatically connected to the line associated with the telephone number assigned to the called party unless the calling party interrupts the process by saying, "No." Thereafter the voice recognition system releases from the call.

30
25
35

If the called party is at a different location than the calling party, the calling party will first announce the location of the called party followed by the called party's name. The voice recognition system responds
 5 by announcing the location and subsequently loading the active voice recognition vocabulary database including the names of all the employees at the announced location of the called party. The voice recognition system then selects the name in the loaded database that most closely matches the
 10 name of the called party. The selected name is announced to the calling party and the call is automatically connected to the line associated with the telephone number assigned to the called party unless the calling party interrupts the process by saying, "No." Thereafter the voice recognition
 15 system releases from the call.

Because the active voice recognition vocabulary set associated with each ESN or location contains only a portion of the total number of employees of the corporation
 20 or company, the WER is much lower than it would be if the complete employee directory was loaded in the database.

The actual decrease in the corporate wide WER (C_WER) is contingent upon how evenly the employees are
 25 spread over the different sites. In the best case where the employees are evenly distributed in each site, C_WER will decrease according to the following relation.

$$C_WER = \frac{WER}{\sqrt[4]{n}}$$

30 where: n is the number of sites.

In the worst case, where there is only one employee in each site, except for one site which holds all of the remaining employees, there will be a negligible
 35 decrease in the C_WER.

$$C_WER \propto \sqrt[4]{(m-n)}$$

where: m is the number of employees in the company.

$$C_WER \approx WER$$

5

for: $m \gg n$

In a similar way that ESN information is used by the speech recognition system to dynamically load the active vocabulary set, the ESN information can also be used by the speech recognition system to select the appropriate acoustic model set. Speech recognition systems use previously collected speech samples to serve as reference templates against which new spoken speech samples are matched for classification. Statistical pattern recognition techniques are used to match new speech samples against reference templates to determine the closest match. These reference templates are referred to as acoustic models in the speech recognition system. Acoustic models may vary according to the regional accent and subsequently according to ESN locations. The speech recognition system can use site-specific acoustic models that are dynamically loaded based on the ESN information presented at the time of the call. Having site-specific acoustic models will also decrease the WER of the system.

The following specification illustrates an example of the NORTEL Speech Directory Calling Service. The state diagram shown in FIGURES 3 and 4 describes the user interface that users of the service experience and is not meant as an implementation specification. Some parts of the system, such as error recovery and instructions have been omitted.

In the description that follows, the use of *italics* denotes system state and the use of a dollar sign symbol denotes a parameter.

Description of the States in Alphabetical Order:Cancel:

5 Play Who
go to *Listening Timeout*

Idle:

10 /* Go to *Idle* anytime a user hangs up */
On an incoming call
Get ESN information
Set \$Location based on ESN information
go to *Listening Timeout*

15

Keyword Handler:

Case
 Service Locations: go to *Service Location*
 Receptionist: go to *Transfer Receptionist*
20 Cancel: go to *Cancel*
End Case

Known LOC:

Set \$Location to \$RecognizedWord
25 Play \$Location
Play EmployeeName
go to *Listening Timeout*

30 Listening Timeout:
Listen for \$Timeout
If the user speaks
 go to *Speech*
Else
35 go to *Prompt*

13

Loc Handler:

If \$Location is known location

 go to *Known Loc*

Else

5 go to *Unknown Loc*Prompt:Case (state before *Listening Timeout*)

10 Idle:

Play Who

 go to *Listening Timeout*

The rest of the states:

15 When \$Timeout expires on the first two times

Play TimeoutHelp.\$Location

\$Timeout = 4 sec

 go to *Listening Timeout*

When \$Timeout expires on the third time

20 Play Difficulties

 go to *Transfer Receptionist*

End Case

Service Location:

25 Play ServiceAvailable

Play \$Location list

Play Who

 go to *Listening Timeout*30 Speech:

Load the active vocabulary set from \$Location

Get \$RecognizedWord from Speech Recognizer

35

Case (\$RecognizedWord)

Rejection: go to *Rejection Handler*
\$Name: go to *Transfer Call*
\$Location: go to *Loc Handler*
5 Key Word: go to *KeyWord Handler*
End Case

Transfer Call:

Database Lookup for Employee Phone Number
10 Transfer the call
go to *Idle*

Transfer Receptionist :

Play TransferReceptionist
15 Transfer the call to the receptionist
go to *Idle*

Unknown Loc:

Play NotServiced.\$Location
20 go to *Listening Timeout*

Index of the Prerecorded Prompts in Alphabetical Order :

Calling:

25 Calling \$Name?

Difficulties:

The system is having difficulties with your request.
Transferring to a receptionist.
30

EmployeeName:

Employee name?

NotServiced:

35 This service is not available in \$Location. Choose
another location or for a list of serviced ESN locations,
say "Service Locations".

ServiceAvailable:

This service is available for the following Nortel/BNR locations: \$Location list.

5

TransferReceptionist:

Transferring to a receptionist.

Who:

10 Who would you like to call?

A specific embodiment of the invention has been disclosed and illustrated. It will be apparent to one skilled in the art that various changes in methodology and/or approach can be made without departing from the spirit and scope of this invention as defined in the appended claims.

15

20

I CLAIM:

1. A telephone network including:
 - a plurality of telephone exchanges each for
 - 5 serving a plurality of telephone instruments and each being interconnected with at least one other of the telephone exchanges, for providing telephone communications between telephone users associated with the telephone instruments; and
 - 10 a simulated telephone operator apparatus for receiving a voiced speech request from a user for connection to another of the telephone users and translating said request into a directory number for use by one of the telephone exchanges in accordance with a speech recognition
 - 15 algorithm and an active speech recognition vocabulary selected in accordance with the origin of the request.

2. A simulated telephone operator server for a telephone network comprising:
 - 20 means for storing voice utterances of a calling party telephone user;
 - means responsive to location information in association with the telephone user for selecting an active speech recognition vocabulary;
 - 25 speech detection means for processing the stored voice utterances in accordance with a speech recognition algorithm and said active speech recognition vocabulary;
 - directory lookup means for identifying a directory listing of a called party corresponding to a result of said
 - 30 processing by the speech detection means; and
 - means for transmitting the directory listing to a telephone exchange serving said called party.

3. A simulated telephone operator server as defined
- 35 in claim 2, wherein the directory lookup means defaults to identification by a telephone attendant directory listing in the event of there being no called party directory listing

corresponding to the result of said processing by the speech detection means.

4. A telephone exchange comprising:
- 5 a plurality of ports for serving a plurality of telephone users' telephone instruments via telephone lines; a trunk facility for connection to another telephone exchange;
- 10 a switching network for connecting and disconnecting the telephone instruments;
- a controller means for causing a newly OFF HOOK telephone instrument to be coupled via the switching network with a solicitation signal, and subsequently for being responsive to a telephone number received in association
- 15 with the newly OFF HOOK telephone instrument for completing a telephone call via the switching network;
- an originating register means for storing voice band signals received from the newly OFF HOOK telephone instrument via the switching network;
- 20 means for detecting digits represented by frequency signals, within the stored voice band signals, in accordance with a standard for key pad dialed telephone numbers, and for transmitting detecting digits to the call controller;
- 25 a simulated telephone operator apparatus for receiving and translating voice band signals in accordance with a speech recognition algorithm and an active speech recognition vocabulary selected in accordance with the origin of the voice band signals into a directory number for
- 30 use by the controller means; and
- an interface facility for transmitting the stored voice band signals via the switching network to the simulated telephone operator server apparatus in an event wherein the voice band signals did not include a key pad
- 35 dialed digit.

5. A telephone exchange as defined in claim 4, wherein the call controller means is operative to cause the interface means to transmit said stored voice band signals via the switching network to the simulated telephone operator server apparatus in an event wherein the voice band signals included a key pad dialed digit designating the simulated telephone operator apparatus.

6. A simulated telephone operator apparatus for receiving a user voiced speech request for connection to another user of a telephone network and translating said request into a directory number for use by an automatic telephone exchange, in accordance with a speech recognition algorithm and an active speech recognition vocabulary selected in accordance with the origin of the request.

7. A method for detecting a calling telephone user voiced speech request for connection to another telephone user via an automatic telephone exchange comprising:

20 storing a plurality of speech recognition vocabularies in association with geographic locations of users;

receiving the voiced speech request and information as to the geographic location of the user having

25 voiced the speech request from the automatic telephone exchange;

selecting an active speech recognition vocabulary in accordance with the information as to the geographic location of the user; and

30 in accordance with a speech recognition algorithm and the selected active speech recognition vocabulary, translating the received request into a directory number for use by the automatic telephone exchange in setting up a telephone connection between the calling telephone user and

35 said another telephone user.

1/2

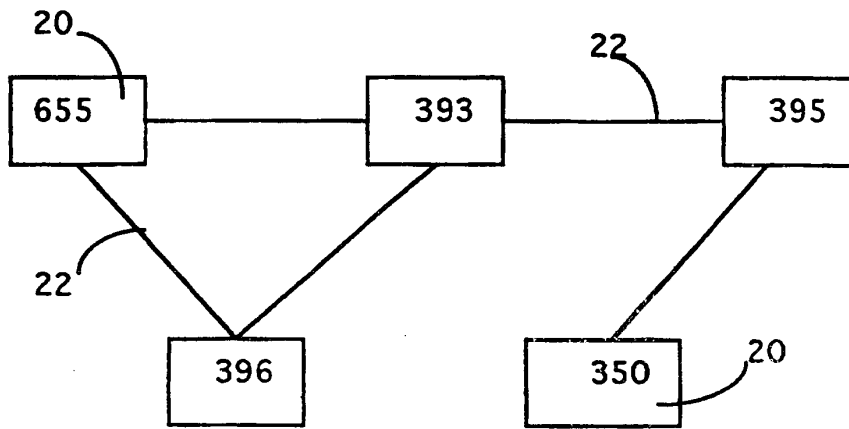


FIGURE 1

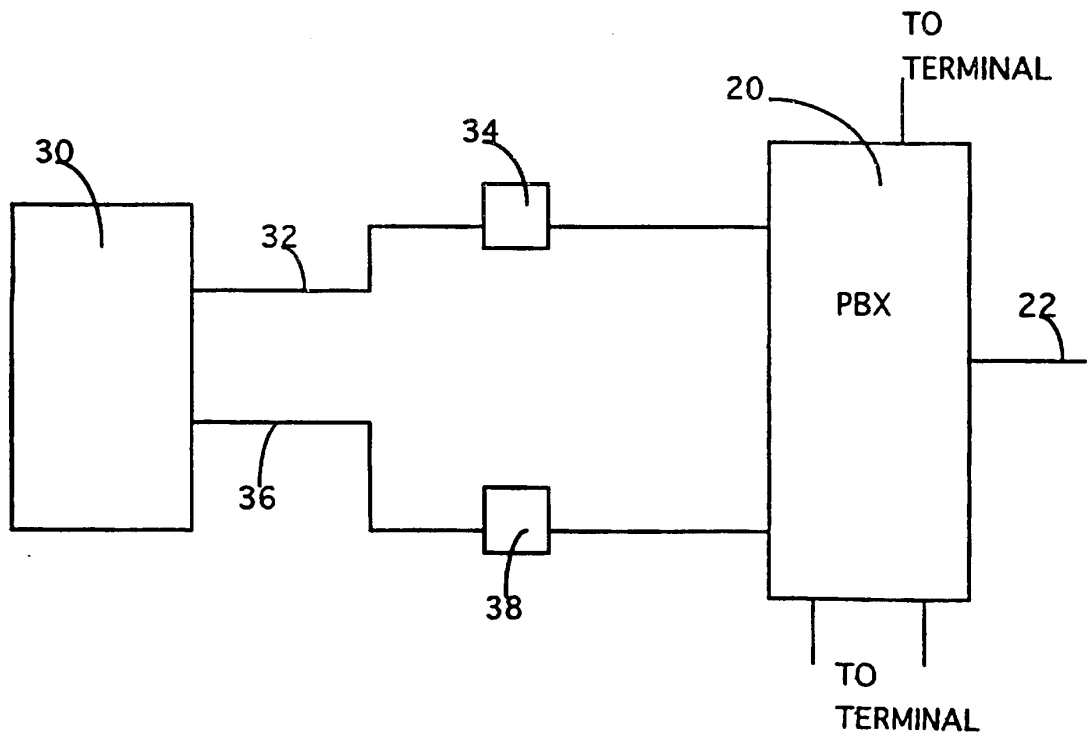


FIGURE 2

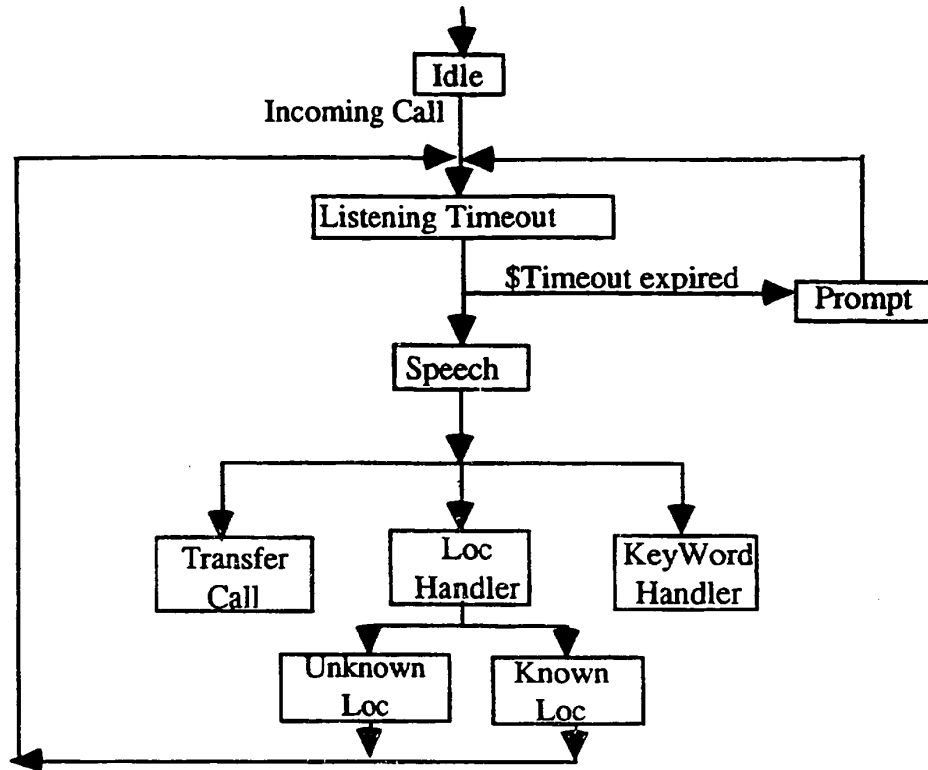


FIGURE 3

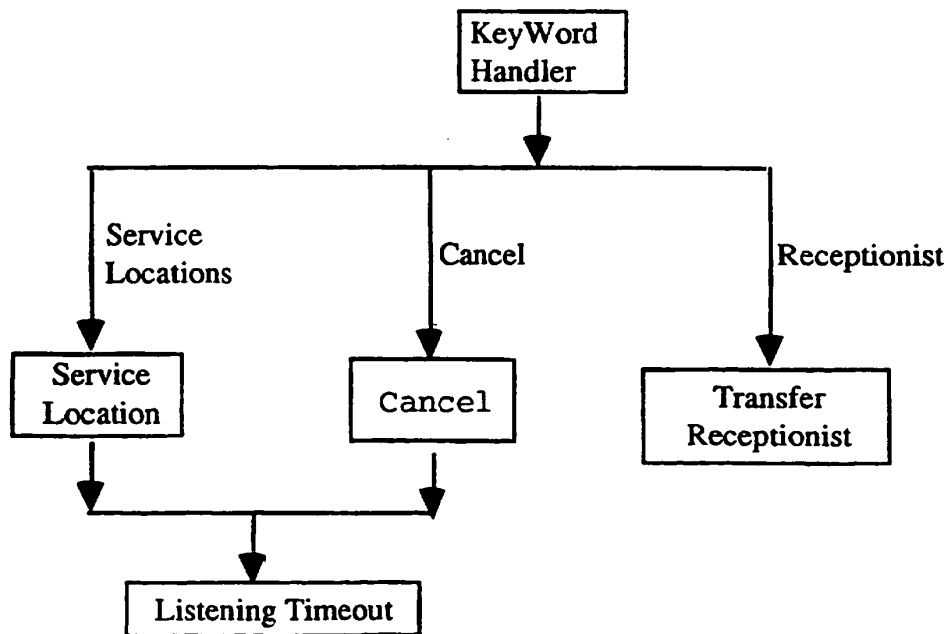


FIGURE 4

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/CA 97/00008

A. CLASSIFICATION OF SUBJECT MATTER H 04 M 1/27, G 10 L 5/06				
According to International Patent Classification (IPC) or to both national classification and IPC ⁶				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) H 04 M, G 10 L, H 04 Q				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	EP, A, 0 105 441 (SIEMENS) 18 April 1984 (18.04.84), page 1, line 1 - page 3, line 32; claim 1. --	1, 2, 4, 6, 7		
A	US, A, 5 165 095 (BORCHERDING) 17 November 1992 (11.11.92), abstract; column 1, line 6 - column 2, line 37; column 3, line 22 - column 6, line 27; fig. 1, 2 (cited in the application). --	1, 2, 4, 6, 7		
A	EP, A, 0 568 979 (SONY CORPORATION) 10 November 1993 (10.11.93), abstract; column 1, lines	1, 2, 4, 6, 7		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.				
<input type="checkbox"/> Patent family members are listed in annex.				
* Special categories of cited documents :				
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed </td> <td style="width: 50%; border: none; vertical-align: top;"> *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family </td> </tr> </table>			*A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family
A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family			
Date of the actual completion of the international search 21 March 1997	Date of mailing of the international search report 18. 04. 97			
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+ 31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+ 31-70) 340-3016	Authorized officer HAJOS e.h.			

INTERNATIONAL SEARCH REPORT

-2-

International Application No
PCT/CA 97/00008

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	43-50.	
A	<p style="text-align: center;">--</p> US, A, 5 390 278 (GUPTA et al.) 14 February 1995 (14.02.95), abstract (cited in the application).	1,2,4, 6,7
A	<p style="text-align: center;">--</p> EP, A, 0 045 941 (SIEMENS) 17 February 1982 (17.02.82), page 1, line 7 - page 4, line 9; fig..	1,2,4, 6,7
A	<p style="text-align: center;">--</p> US, A, 5 091 947 (ARIYOSHI et al.) 25 February 1992 (25.02.92), abstract; column 1, line 10 - column 3, line 17 (cited in the application).	1,2,4, 6,7

ANHANG

zum internationalen Recherchenbericht über die internationale Patentanmeldung Nr.

ANNEX

to the International Search Report to the International Patent Application No.

ANNEXE

au rapport de recherche international relatif à la demande de brevet international n°

PCT/CA 97/00008 SAE 148639

In diesem Anhang sind die Mitglieder der Patentfamilien der im oben genannten internationalen Recherchenbericht angeführten Patentdokumente angegeben. Diese Angaben dienen nur zur Unterrichtung und erfolgen ohne Gewähr.

This Annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report. The Office is in no way liable for these particulars which are given merely for the purpose of information.

La présente annexe indique les membres de la famille de brevets relatifs aux documents de brevets cités dans le rapport de recherche international visée ci-dessus. Les renseignements fournis sont donnés à titre indicatif et n'engagent pas la responsabilité de l'Office.

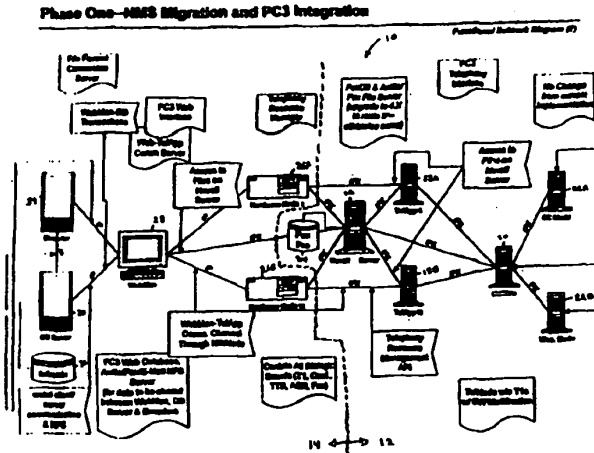
In Recherchenbericht angeführtes Patentdokument Patent document cited in search report Document de brevet cité dans le rapport de recherche	Datum der Veröffentlichung Publication date Date de publication	Mitglied(er) der Patentfamilie Patent family member(s) Membre(s) de la famille de brevets	Datum der Veröffentlichung Publication date Date de publication
EP A1 105441	18-04-84	EP A1 105441 EP A1 105441 EP A1 105441 EP A1 105441 EP A1 105441	18-04-84 18-04-84 18-04-84 18-04-84 18-04-84
US A 5165098	17-11-92	US A 5165098 US A 5165098 US A 5165098	17-11-92 17-11-92 17-11-92
EP A1 568979	10-11-93	EP A1 568979	10-11-93
US A 5390278	14-02-95	US A 5390278	09-04-95
EP A1 45941	17-02-82	EP A1 45941 EP A1 45941 EP A1 45941	16-02-82 16-02-82 16-02-82
US A 5091947	25-02-92	US A 5091947 US A 5091947 US A 5091947	25-02-92 25-02-92 25-02-92



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification ⁶ : H04L</p>	<p>A2</p>	<p>(11) International Publication Number: WO 98/23058 (43) International Publication Date: 28 May 1998 (28.05.98)</p>
<p>(21) International Application Number: PCT/US97/20986 (22) International Filing Date: 17 November 1997 (17.11.97) (30) Priority Data: 60/031,301 18 November 1996 (18.11.96) US (71) Applicant (for all designated States except US): PREMIERE COMMUNICATIONS, INC. [US/US]; The Lenox Building, Suite 400, 3399 Peachtree Road, Atlanta, GA 30326 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): FREISHTAT, Gregg, S. [US/US]; 2078 Renfroe Lake Drive, Dunwoody, GA 30338 (US). LEITESS, James, K. [US/US]; 929 Highland Terrace N.E., Atlanta, GA 30306 (US). COWDEN, Michael, J. [US/US]; Unit B-317, 1074 Peachtree Walk, Atlanta, GA 30309 (US). SMITH, David, Gregory [US/US]; 1907 Oakmont, Tampa, FL 33629 (US). (74) Agents: PRATT, John, S. et al.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).</p>		<p>(81) Designated States: AL, AU, BA, BB, BG, BR, CA, CN, CU, DE, DK, DZ, EC, EE, EG, ES, FI, FR, GB, GR, GT, GU, HK, IL, IN, JP, KE, KG, KP, KR, LC, LK, LR, LS, LU, LV, MA, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, ST, SV, TT, UA, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published Without international search report and to be republished upon receipt of that report.</p>

(54) Title: SYSTEM FOR INTEGRATED MANAGEMENT OF MESSAGING AND COMMUNICATIONS



(57) Abstract

Systems for providing to a user an integrated interface for accessing telephony- and computer network-based communications resources. A user may access the systems via telephone or computer (via modem or Internet). The user may access messages addressed to him or her in various media, such as e-mail, voice mail, fax, etc. The user may respond to these messages in the same media, or different media, including real-time communications such as direct telephony or conference calling. The interface may also allow the user to present others with a web page which displays information selected by the user. The system may consist of a stand alone system which interfaces with the Internet and the telephony network. The system may also be integrated with existing telephony-based communication management infrastructures.

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav Republic of Macedonia	TM	Turkmenistan
BF	Burkina Faso	GR	Greece	ML	Mali	TR	Turkey
BG	Bulgaria	HU	Hungary	MN	Mongolia	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MR	Mauritania	UA	Ukraine
BR	Brazil	IL	Israel	MW	Malawi	UG	Uganda
BY	Belarus	IS	Iceland	MX	Mexico	US	United States of America
CA	Canada	IT	Italy	NE	Niger	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NL	Netherlands	VN	Viet Nam
CG	Congo	KE	Kenya	NO	Norway	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NZ	New Zealand	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's Republic of Korea	PL	Poland		
CM	Cameroon	KR	Republic of Korea	PT	Portugal		
CN	China	KZ	Kazakstan	RO	Romania		
CU	Cuba	LC	Saint Lucia	RU	Russian Federation		
CZ	Czech Republic	LI	Liechtenstein	SD	Sudan		
DE	Germany	LK	Sri Lanka	SE	Sweden		
DK	Denmark	LR	Liberia	SG	Singapore		
EE	Estonia						

**SYSTEM FOR INTEGRATED MANAGEMENT
OF MESSAGING AND COMMUNICATIONS**

This application claims priority to U.S. Provisional Application Serial No.

5 60/031,301, filed November 18, 1996.

Background of the Invention

The present invention relates generally to communication technologies such as electronic mail (e-mail), voice mail, paging, conference calling and facsimile (fax) mail messaging. Particularly, the present invention relates to systems for integrating
10 conventional telephony-based communication management services and capabilities with Internet-based communication management applications and capabilities.

Current communication technology utilizes several media, such as e-mail, voice, voice messaging, paging, video, video messaging, conference calling and facsimile. Such messages and media may be accessed through a wide variety of interfaces such as pagers,
15 wireline telephones, cellular and PCS telephones and computers (through direct dial modem, network or Internet access). With such a wide array of options in both medium and interface, systems have been provided for centralizing a user's communications in order to simplify access to these communications while at home, in the office or traveling. For example, U.S. Patent Application No. 08/665,564, filed June 18, 1996
20 entitled "System For Integrated Electronic Communications" (James Arthur Kitchen, David Gregory Smith, Leonard A. DeNittis, Kyle S. Brown, Michael S. Finney, Thomas Francis Johnson, III, Steve Feinstein, and Stephen J. H. Owens, inventors) which is incorporated herein in its entirety by this reference, describes a "universal mailbox" which comprises a fax server, an e-mail server and a voice mail server. Each server

receives and stores messages for a given user. The messages can thereafter be retrieved by the user at his or her convenience, using only a telephone interface. The servers are networked together and may be accessed from a single telephone interface; cross media capability allows e-mail messages, for instance, to be converted to voice. Moreover, the user is able to route messages to desired destinations; for instance, the user can access the system, designate a nearby telephone number, and have his or her communications sent to devices at that number. Thus, communications directed to a user are brought together in one place. Nonetheless, the means for accessing the communications are restricted to telephones and, in some cases, direct dial modem hookups.

10 Universal mailboxes are limited in that they typically do not support real-time communications. For instance, upon receiving a message from a universal mailbox, a user may wish to contact one or more persons, either sequentially or simultaneously. In the current environment, the user must sever his or her connection with the universal mailbox and then individually dial each person he or she wishes to contact. This can be
15 time consuming and inefficient. Performing a conference call can be, paradoxically, even more difficult, requiring the assistance of an operator for dealing with complex command sets through a PBX. Thus, it would be desirable to provide a user-friendly interface which allows a user to access the features of a universal mailbox and engage in real-time communications without having to leave the mailbox environment.

20 Accessing universal mailboxes, even through computers, also provides limited flexibility because specialized software is required. Thus, users must learn how to operate the software, which may be time consuming. Also, as new versions of the

software are released, compatibility problems between the users' platforms and the universal mailbox arise. These problems may be related to inconsistent software compatibility across the multitude of platforms employed by users or compatibility problems between the user and the mailbox as different users use different versions of the access software. Thus, it would be desirable to provide a network-based interface that relies on global standards, such as World Wide Web (WWW) protocols, so that each user need not have specialized hardware or software in order to access and use the system. Thus, a user could employ any browser or Internet protocol to establish communications with and use the system to manage his or her communications and messaging.

10 Communications delivered to a user may be multiple messages delivered over various media from one sender or many. Thus, a user may need to respond to various senders' e-mails, voice messages and faxes. Keeping track of the e-mail address, fax number and voice number of even a single person can be very difficult, particularly when one is away from the office. This problem is compounded when a user must maintain
15 communications over multiple media with multiple persons. Thus, it would be desirable to provide an interface which allows a user to direct messages and communications to any number of individuals across any number of media while relying on information stored in the system to direct the messages and communications appropriately.

 Furthermore, while a message may be received in one medium, such as e-mail, it
20 may be desirable to receive it and/or direct a response in a different medium, such as voice mail. This may be because the individual to whom the message is addressed may prefer one medium over another; it may simply be because at that point in time, the user

has no computer handy. Also, if the same message is to be delivered to several individuals, the user may wish to deliver the message via e-mail to some, fax to others and voice mail to the remainder. Thus, it would be desirable to provide functionality for directing a single message to one or more individuals in multiple formats.

5 Mass communications, such as fax broadcasting and conference calling, while particularly useful, are often complicated and cumbersome to implement. Thus it would be desirable to provide a communications management interface that allows mass communications to be easily and efficiently implemented.

 While the Internet has emerged as a source of information and communications
10 for many, the current universal mailboxes do not provide accessibility to the Internet. It would be desirable to provide a system which allows users to access their communications via the Internet, and, when possible, take advantage of the lower communications costs associated with the Internet to communicate with others. For instance, in sending out multiple responses to a message, a user may wish to attach a
15 voice file to an e-mail message for delivery over the Internet, rather than pay the cost of multiple traditional telephone hookups. Furthermore, it would be desirable to allow others to contact the user via the Internet. This would allow the user to present to others considerably more information than would be traditionally available, for instance, on a voice mail system.

20 Existing systems provide the user only with information specifically addressed to the user. Thus, in order to access generally available information, such as news, sports, weather, financial, or other information, a user must subscribe to services which will

identify and forward that information to the user's address. Much of this information is available, however, from publicly accessible areas, such as Internet World Wide Web (WWW or Web) pages. Thus, it would be desirable to allow the user to customize the interface such that he or she may easily access such sources of information, either using a
5 computer or a telephone interface.

Although a computer is often the simplest and most powerful means of accessing information, situations may arise in which access to a computer may be limited or non-existent. Thus, it would be desirable to provide an interface which, while accessible via computer, is still accessible from other interface units such as telephones.

10 Current telephony-based universal mailbox systems are relatively mature technologies and therefore have many desirable features that are established and fully operational. Thus, while it may be desirable to provide standalone systems for integrated computer/telephony communications, it may also be desirable to provide computer communication systems which can be added to existing computerized telephony
15 communications systems in order to take advantage of the mature technology embedded in the existing telephony systems.

Summary of the Invention

The present invention provides network-based communication and information systems that leverage existing computer telephony information processing, storage and
20 retrieval platforms with the power and economies of the Internet and private data networks. The systems make communication and access to information more efficient and save users time and money. In a first embodiment, certain communications hardware

and features of a computer telephony-based system are off-loaded to a separate hardware node. For instance, fax boards, voice mail boards and text to speech boards are removed from the telephony management node and placed in one or more stand alone computers, such as "hardware nodes." An Internet node is then added to the system. Computer

5 telephony communication management nodes, which can be conventional telnodes that are thin on hardware (the hardware having been placed in the hardware nodes) but on which the applications reside (the "telapps"), and the Internet node then access the hardware nodes as various functionalities are required, using Internet protocols. The applications on the telnodes are therefore accessible to fax boards, T1 boards, and other

10 components of the hardware nodes in a manner that is far more flexible than in conventional computer telephony systems which rely on conventional networking techniques and protocols. For instance, if a user, accessing the system via the Internet wishes to send a fax, a command is sent through the Internet node to the appropriate hardware node, which handles the actual fax process; the hardware node runs the

15 application from the telapp, and the telapp interfaces with the network server for billing and administration purposes. Such billing systems have the capacity, preferably, to interface with remote credit or payment sources, such as those of banks or credit card companies, in real time, in order to transfer funds as required or otherwise maintain proper account status.

20 Likewise, a user accessing the system through telephony generates a command to the telapp, which commands the hardware node to process and deliver the fax; billing and administration can be handled in conventional ways or as otherwise desired. Both the

telapps and the Internet node have access to data in the billing information systems concerning customer accounts, preferences, contact information, etc. in order to process and bill the transaction. Common or distributed databases may be provided to serve this need. If distributed databases are employed, i.e., one database for the Internet node and
5 one for the telapp, it may be desirable to have the information mirrored from one database to the other to ensure synchronization of customer data. Either the telephony network manager or the Internet network manager may be responsible for synchronizing the distributed databases.

An integrated computer/telephony communications system may also be provided
10 which does not utilize existing telephony-based communications management systems infrastructure. In such a system, a single database may be used. One or more hardware nodes can be provided which use Internet protocols to communicate with applications functionality for flexibility, and a single network management system can be utilized. The network management system draws on a plurality of applications which in turn
15 access hardware elements on the hardware node to provide system functionality. In other words, a user can access the network manager via either telephony or the Internet. User commands to the network manager access applications stored therein or on a separate applications node. The applications then access hardware (such as fax boards, TTS boards, voicemail boards, etc.) on the hardware node and the user's commands are
20 implemented.

Regardless of which embodiment is used, the combination of computer and telephony communications provides a user with powerful tools and features for managing

his or her communications needs. Because the computer and telephony networks are integrated, a user no longer need sever his or her connection with the computer network to conduct real-time communications via the telephony network - live phone calls and even conference calls can be placed via the computer interface. Likewise, with the advent
5 of text to speech conversion capabilities, e-mail- and word processing document-to-fax conversion capabilities and other media conversion capabilities, access to communications from a telephone are not limited to voice mail messages. A user can direct e-mails, faxes and other communications to a fax machine of his or her choice. A user can even "listen" to his or her text based communications.

10 Traditionally, users of computer telephony based servers could instantly retrieve all voice, fax, e-mail, or other information from any telephone. The present invention allows users to retrieve all messages and other information from their desktop PC and also respond or forward messages to other people with a click of their mouse or a simple
15 keystroke from any telephone. Conference calling is so simple that two clicks of the mouse creates a normal telephone conference call in seconds and for a fraction of the cost of using an operator.

Because the system is network-based, users may access advanced computer telephony functionality without purchasing or installing any new hardware or software. The system can be completely platform independent and can be effectively used by
20 customers with literally no computer or Internet skills. This approach gives users the ability to communicate with anyone and access information anytime, anywhere. Whether on the Internet or by any telephone, the system allows users to access their personal on-

line phone directory, custom information such as stock reports and news, fully automated conference call and fax capabilities, and the power of "people centered communication".

People centered communication is a data base structure and program which simplifies the process of communicating and accessing information. The system
5 eliminates the need to remember and organize the myriad of fax machine numbers, pagers, cell phones, multiple office and home numbers, and voice mail box addresses that now clutter business communications. Its on-line personal directory allows the user to send voice, fax or page messages to anyone without looking up or dialing any numbers. The on-line directory organizes personal and business contacts into logical groups to
10 which the user can instantly broadcast voice, fax, or pager notifications.

Communications preferences and technical skills vary widely. While some prefer pagers to cell phones, others use e-mail instead of faxes. Every company seems to have a unique system for receiving and responding to business communications. For this reason, systems according to the present invention employ a "cross media messaging" strategy.
15 Cross media messaging means that each person receives communications according to their own preferences - independent of how the message was originally sent or the technology employed. If a message were forwarded to a group of nine people; four might receive a fax at their office, three might receive it as an attachment to an e-mail message (cost savings and convenience), and two would be paged. Likewise, voice messages and
20 other communications or information can be instantly sent to individuals or groups of people using the system's innovative cross media messaging component.

The distributed computer telephony systems according to the present invention utilize Internet or conventional network-based platforms that allow users direct access to existing telecommunication infrastructures without any investment in premise-based hardware or any specialized software. By leveraging the open standards of the Internet, 5 the systems allow users to access and/or configure their personal assistant from any standard Web browser without purchasing or installing any software on their computer, private network, or existing phone system. Thus, systems according to the present invention can be completely platform independent.

Since all data and equipment are resident in a single facility, users can access their 10 information and communication resources from anywhere in the world – from either a PC connected to the Internet or any touch tone telephone. When at the office or connected to the Internet, users can take advantage of the economies of packet-switched communications such as no cost e-mail transport, low cost retrieval of voice and other data, and direct access to their personal on-line directory. Significantly, if a user logs off 15 the Internet or does not even own a computer, he or she is still in touch with all of the system's communication and information resources from any touch tone phone -- worldwide.

For example, a business person on the road or in an airplane can send multiple messages with a single phone call, set up conference calls from a cell phone, or send a 30- 20 person fax broadcast from any telephone or PC within seconds. All of this is made possible through computer telephony platforms according to the present invention which allow the customer to initiate complex telecommunication transactions with great ease.

Systems according to the present invention can include a universal in-box which provides a single mailbox where users can retrieve, listen to, view, download, forward and/or save all of their inbound communications including voice mail, faxes, pages, and e-mail. All messages can be viewed or downloaded from any PC with an Internet
5 connection and can be forwarded to others by e-mail, fax, or voice regardless of whether or not they have Internet access or are customers of the system provider. Since the system is wholly Internet, intranet or network-based, all features of the universal in-box can be accessed from any touch tone telephone.

Systems according to the present invention can also provide simplified conference
10 calling. Whether at a PC or at any touch tone telephone, the user finds setting up conference calls a procedure that is simplified to a few mouse clicks or telephone keystrokes. The user eliminates the need for a conference call operator and takes control of the call. This feature replaces complex, confusing PBX systems. Seconds after requesting a conference call with a group of people, the user's phone rings and the
15 system's automated attendant does the rest. Each party is called by the system which retrieves all required numbers and automatically places all phone calls. Since the customer is actually in control of the system's resources, muting and dropping of callers can be accomplished with a single click of the mouse.

Each system user may have a personal on-line directory which is fully accessible
20 from any touch tone telephone or any PC with an Internet connection. The on-line directory can store and organize contact names, addresses, phone numbers, pager information, notes, and other data. To place a call, send a fax, or page anyone in the on-

line directory, the user simply clicks on the person's name from a PC or spells the name using a telephone key pad. Users can easily communicate with anyone in their on-line directory without having to keep track of multiple phone numbers and other contact information.

5 Each user may receive a personalized public home page on the Internet which is simple to configure and which serves as virtual receptionist to the world. The public page may be turned on or off by the user and may contain a wide array of information which the user chooses to place on the page. The user can select the most convenient way for people to contact them at any time. Real time messages, for example, can be sent to the
10 user by simply clicking on the "contact-me-now" button. Users may publish their name, address, contact information, automated street level maps and/or driving instructions, and direct access telecommunication and e-mail functions. If selected, direct e-mail, pager, and fax links can be placed on the public page giving Internet users a simple way to find the user and contact him or her directly from the Internet. In addition memos and a voice
15 greeting can be placed on the public page making it a personal message board to the world.

 Systems according to the present invention can provide all users direct access to news, sports, financial, travel and other custom content directly from their PC or from any telephone. After using a PC to select and customize the content the user desires, the
20 content can be linked directly to the public page and is made available from any touch tone telephone.

Accordingly, an object of the present invention is to provide integrated interfaces, functionality and processes for managing, generating, accessing and manipulating communications and messages across one medium or across various media to and from various persons.

5 Another object of the present invention is to provide integrated interfaces, functionality and processes for managing, generating, accessing and manipulating communications and messages which can be accessed via telephony or computer.

 Another object of the present invention is to provide integrated interfaces, functionality and processes for managing, generating, accessing and manipulating
10 communications and messages which are platform independent.

 Another object of the present invention is to provide integrated interfaces, functionality and processes for managing, generating, accessing and manipulating communications and messages which manage communications over multiple media including, but not limited to, telephony networks and the Internet.

15 Another object of the present invention is to provide integrated interfaces, functionality and processes for managing, generating, accessing and manipulating communications and messages which manage communications over multiple media including, but not limited to, telephony networks and the Internet and may intelligently select one available medium over another to optimize communication efficiency.

20 Another object of the present invention is to provide integrated interfaces, functionality and processes for managing, generating, accessing and manipulating

communications and messages which provide cross media messaging capability for message broadcasts.

Another object of the present invention is to provide integrated interfaces, functionality and processes for managing, generating, accessing and manipulating
5 communications and messages in which the interface and functionality is network-based and platform independent.

Another object of the present invention is to provide integrated interfaces, functionality and processes for managing, generating, accessing and manipulating communications and messages in which the interface and functionality distribute
10 applications and system functionality so that resources may be allocated in the system flexibly and reliably using Internet or other distributed protocol and techniques.

Another object of the present invention is to provide integrated interfaces, functionality and processes for managing, generating, accessing and manipulating communications and messages in which the generation of message broadcasts and
15 conference calls is greatly simplified.

Another object of the present invention is to provide integrated interfaces, functionality and processes for managing, generating, accessing and manipulating communications and messages in which one portion of the interface may be dedicated to an individual user and a second portion of the interface may be accessible to the public,
20 thereby allowing members of the public to contact the user or access information provided by the user.

Another object of the present invention is to provide integrated interfaces, functionality and processes for managing, generating, accessing and manipulating communications and messages in which one portion of the interface may be dedicated to an individual user and the user may customize that portion so that information resources
5 may be accessed directly from that portion.

Another object of the present invention is to provide integrated interfaces, functionality and processes for managing, generating, accessing and manipulating communications and messages which may be implemented in conjunction with existing computer telephony based message server systems.

10 Another object of the present invention is to provide an Internet or other network based graphical or computer interface to existing or new computer telephony systems.

Another object of the present invention is to provide computer network (Internet or otherwise) access to individuals' telephone numbers, pagers, fax machines and other devices which allow the Internet user to contact individuals in real time using the
15 computer network.

Other objects, features, and advantages of the present invention will become apparent with reference to the remainder of the written portion and the drawings of this document.

Brief Description of the Drawings

20 FIG. 1 illustrates one embodiment of a system for managing, generating, accessing and manipulating communications and messages in accordance with the present invention.

FIG. 2 illustrates the universal mailbox portion of the system of FIG. 1.

FIG. 3 illustrates the telapp of the system of FIG. 1

FIG. 4 illustrates the interface portion of the system of FIG. 1.

FIG. 5 illustrates the network management system file system organization of the
5 system of FIG. 1.

FIG. 6 illustrates the object, structure, and information flow of the system of FIG.
1.

FIG. 7. illustrates the structure of a second embodiment of a system for managing,
generating, accessing and manipulating communications and messages in accordance
10 with the present invention.

FIG. 8 illustrates a process by which the system of FIG. 7 can initiate a telephone
action.

FIG. 9 illustrates a process by which the system of FIG. 7 can initiate an Internet
action.

FIG. 10 illustrates one form of communication structure and applications
15 development structure of the system of FIG. 7.

FIG. 11 illustrates a user screen interface which can be generated by the systems
of FIGS. 1 and 7.

FIG. 12A illustrates an alternative embodiment of the screen of FIGS. 11.

FIG. 12 illustrates the configuration screen of the screen interface of FIG. 11.
20

FIG. 13 illustrates the personal page configuration screen of the screen interface
of FIG. 11.

FIG. 13A illustrates the default configuration screen accessed via the screen of FIG. 13.

FIG. 13B illustrates a billing screen of the interface of the system of FIGS. 1 and 7.

5 FIG. 13C illustrates the configuration selection screen of the interface of the system of FIGS. 1 and 7.

FIG. 14 illustrates a portion of the screen of FIG. 13 in which WWW hyperlinks may be entered.

10 FIG. 15 illustrates a portion of the screen of screen 13 in which a personal memo may be entered.

FIG. 16 illustrates the personal page generated by the interface screens illustrated in FIGS. 13-15.

15 FIG. 17 illustrates a configuration screen of a screen interface which may be generated by the systems of FIGS. 1 and 7 and in which addressing groups may be selected.

FIG. 17A illustrates the group editing option screen of the interface of FIG. 17.

FIG. 17B illustrates the group creation option screen of the interface of FIG. 17.

FIG. 17C illustrates the message creation screen of the interface of FIG. 17.

20 FIG. 18 shows a screen portion of the screen of FIG. 17 in which the information relating to addressing groups may be edited.

FIG. 19 shows another portion of the screen of FIG. 18.

FIG. 20 illustrates a configuration screen of a screen interface which may be generated by the systems of FIGS. 1 and 7 and in which individual persons' contact information may be selected and edited.

FIG. 20A shows an "Add Name" accessed via the screen of FIG 20.

5 FIG. 21 illustrates a personal inbox screen of a screen interface which may be generated by the systems of FIG. 1 and 7.

FIG. 22A illustrates a screen displaying an e-mail message accessed via the personal inbox screen of FIG. 21.

10 FIG. 22B illustrates an alternative embodiment of a screen displaying an e-mail message accessed via the personal inbox screen of FIG. 21.

FIG. 23A illustrates a screen showing a fax message accessed via the personal inbox of FIG. 21.

FIG. 23B illustrates an alternative embodiment of a screen showing a fax message accessed via the personal inbox of FIG. 21.

15 FIG. 24A illustrates a screen showing a voicemail message accessed via the screen FIG. 21

FIG. 24B illustrates an alternative embodiment of a screen showing a voicemail message accessed via the screen FIG. 21

20 FIG. 25A illustrates a contact screen of a screen interface which may be generated by the systems of FIGS. 1 and 7 and by which messages may be distributed to individual or group contacts.

FIG. 25B illustrates a contact screen of a screen interface which may be generated by the systems of FIGS. 1 and 7 and by which messages may be distributed to individual or group contacts with an area in which to enter the recipients address.

FIG. 26 illustrates a contact screen of a screen interface which may be generated by the systems of FIGS. 1 and 7 and by which conference calls may be established.

FIG. 27 illustrates the screen of FIG. 26 once a conference call has been established.

Detailed Description of the Drawings

FIG. 1 shows one embodiment of a system 10 for managing, generating, accessing and manipulating communications and messages in accordance with the present invention. It should not be viewed as limiting, but rather to disclose in detail one particular way for carrying out the invention. The illustrative embodiment illustrated in FIGS. 1-6 reflects a system configuration driven by the desire to take advantage of the hardware and capabilities of existing conventional telephony based messaging systems. As illustrated in FIGS. 7-10, another embodiment of a system according to the present invention may be provided which does not rely on conventional or existing infrastructure.

Referring to FIG. 1, telephony subsystem 12 of system 10 comprises many of the components of a conventional telephony-based universal mailbox system. Internet subsystem 14 of system 10 comprises the components for providing the integrated interface through which telephony subsystem 12 may be accessed and information stored therein manipulated.

FIG. 2 illustrates telephony subsystem 12 of the system of FIG. 1. Telephony subsystem 12 comprises server 16, telephony application nodes (telapps) 18A-N, network manager 20, special purpose telephony nodes (telnodes) 22A-N and database 24. In the illustrative embodiment, server 16 is a Novell Server, consequently, communication among the elements of telephony subsystem 12 is via SPX, IPX or other desirable network protocol. Of course other networking standards and components could be employed, such as Microsoft NT or Unix based systems, in which case other protocols, including IP, could be used. Server 16, in combination with database 24, stores all of the messages delivered to any users as well as all information relating to user accounts for configuration control and billing purposes.

In the present invention, in order to provide Internet functionality to existing computer telephony systems, the inventors have replaced certain conventional telnodes with hardware nodes and telephone application nodes, or "Telapps." A primary reason for this approach is to provide a first platform which is primarily hardware-centric and a second in which the applications are made available to the hardware node across an Internet protocol or other suitable transfer protocol network. Telapps 18A-N manage Internet based system functionality according to the present invention such as voicemail, e-mail, and other media messaging and communications functions. Conventional telnodes 22A-N also continue to manage conventional computer telephony functionality such as provision of voice, e-mail, T1, and fax communications to system 10 via a conventional or other telephone switch.

As illustrated in FIGS. 1 and 3, hardware nodes 26A-N provide standalone hardware units. For instance, all communications boards, such as digital network interface (T1), fax, text-to-speech (TTS), conference, etc., may be transferred to hardware node 26A. Thus, telapps 18A-N are platforms for applications which access the hardware elements as necessary to implement functionality, such as control of call flow, TTS processing, etc. Telapps 18A - N communicates with hardware nodes 26A - N, for instance, through a suitable high level API for controlling call flow and telephony resources. A user communicates with telapps 18A-N to access and manipulate communications. Telapps 18A-N, upon receiving user commands, access applications which in turn access hardware on hardware nodes 26A-N to perform the desired functionality. All transactions are tracked from, and relevant information for each transaction is provided by server 16. Network manager 20 coordinates the interaction between telapps 18A-N, server 16 and, when used, specialized nodes 22A-N.

Hardware nodes 26A-N of the illustrative embodiment are Pentium® based SCO/UNIXWARE units with rack-mount passive backplane systems (such as those with an SCSI bus) populated with T1, voice, conference, fax, TTS, voice recording and voice recognition boards. The use of SCO/UNIXWARE is desirable in the illustrative embodiment because it allows compatibility between the UNIX network file system (NFS) used in Internet subsystem 14 and the Novell proprietary file system (which supports NFS) employed in telephony subsystem 12. Hardware node 26A will be completely configurable based on the boards that are populated therein.

A benefit of dividing the resources among telapps 18A - N and hardware nodes 26A - N is to allow the platforms to become independent of the DOS environment, be supported by industry standards such as UNIX, and increase scalability. The functionality split also serves to eliminate the need to transfer calls through the switch and coordinate function of the net manager 20 eliminating cost, time consumption and inefficiency associated with providing conference, fax, TTS, and other features during a call. The functionality split also provides a method for allowing a conventional telephony subsystem to communicate with an Internet-based subsystem thereby enabling the interface according to the present invention. In other words, an existing system, with established telephony capability, a customer base and an established database can easily be integrated with a computer communications network, such as the Internet, without losing the benefit of those valuable assets.

FIGS. 4 and 5 illustrate Internet subsystem 14 of system 10, which comprises web manager 28, DB server 30, database 32 and encoder 34. All communications within Internet subsystem 14 is via IP protocol. Web manager 28 communicates with hardware nodes 26A-N via IP protocol. Web manager 28 communicates with server 16, however, via IPX protocol since server 16 is on the existing computer telephony Novell net. Web manager 28 acts as the conduit for all communications between telephony subsystem 12 and any processes which utilize the Internet or communicate via TCP/IP. Web manager 28 also acts to coordinate and synchronize all databases in system 10.

DB server 30 stores all of the information required for operation of the Internet related functions of system 10. Server 30 holds all information necessary for the Internet

interface of system 10, including messages, contact data, customer records, etc. Server 30 is kept synchronized by web manager 28 which coordinates with telapps 18A-N. Web manager 28 also keeps the files stored on server 30 in synch with those stored on server 16. Also, server 30 stores all of the messaging information for the messages stored on the system for a user. In other words, although the message itself is stored on server 16, descriptive information regarding the message, such as time received, return address, etc. may be generated and stored on server 30 for access via a graphical interface as described more fully below. Database 32 is a storage system for data stored by server 30 and in the illustrative embodiment comprises an Informix database. Encoder 34 is responsible for converting file formats of information sent out or received so that it is compatible for its ultimate use.

Server 30 serves as centralized storage for subsystem 14. Web manager 28, e-mail server 36 and encoder 34 may refer to files thereon regardless of on which platform they reside. Voice mail, fax and other customer data stored on server 16 may be mirrored on server 30.

Web manager 28 handles the transfer of files from server 16 to server 30 upon command from telapps 18. E-mail server 36 stores new e-mails on server 30 and inserts a message record in database 32, which makes it accessible to the Internet interface process which require the information so that it may be displayed to the user. In order for telapps 18 to access the message, the e-mail directory may be mapped to as a shared directory with server 16. Telapps 18 query web manager 28 in order to query server 30 for a given user's list of e-mail messages.

As illustrated in FIGS. 1 and 6 (which illustrates the object structure of the system of FIG. 1), it can be seen that system 10 comprises two primary elements - an Internet communications system (Internet subsystem 14) and a telephony system (telephony subsystem 12). Both of these elements draw on hardware nodes 26A-N for hardware resources used in performing services required by the user. Web manager 28, in addition to managing the Internet functions, manages the communication and cooperation of the telephony and Internet portions to create the desired functionality of the present invention. Thus, when a message, such as an e-mail message, arrive via the Internet addressed to a user, the message is delivered from web manager 28 to servers 16 and 30. The message itself is stored on server 16, while information identifying the message and its location on server 16 are generated by web manager 28 and stored on server 30. Server 30 has the drive of server 16 mounted via NFS. Thus, database 46 is a single shared disk which is accessed from the IPX/DOS nodes (such as telapp 18) as a Netware Directory and from the IP/UNIX nodes (such as web manager 28) as an NFS mounted directory. The one directory is shared by two different means for different types of clients or nodes. If a user accesses the message via the Internet connection, appropriate information may be forwarded to server 16 and on to net manager 20 which operates node 22A to generate a bill for the user.

The information stored on server 30 may then be displayed to the user via a visual display on a computer connected to web manager 28 over the Internet. In other words, a user may install a web browser on his or her computer. By accessing the Internet and his or her account with system 10 therethrough the user can manipulate his or her messages

and generate and deliver new messages. No interface software need be installed on the user's computer as the interface is a network application made available by the web manager and is compatible with web browser protocols. Thus, regardless of what type of computer is used by the user he or she will see a consistent interface (provided, of course, 5 that the computer has a web browser installed thereon). An illustrative example of an interface of the present invention is discussed below with reference to FIGS. 11-27. Alternatively, a user may request, via telephone commands to network 12 such as through telapps 18, that the message be converted to voice mail, in which case the telapps will retrieve the message from server 16 and direct it to hardware node 26A where it is 10 converted per the user's command. The message, in its new form is then delivered to the user over the telephone line.

In another example transaction, a fax message may be delivered to the user via a telephone line. As before, the message itself is stored on server 16, while identifying information is stored on server 30. If the user commands the fax to be delivered via 15 telephony, it is retrieved by the telapps 18 which forward it to hardware node 26, whereupon it is sent out over the telephony network to the desired address (phone number). If the user wishes to look at the fax via the Internet interface, telapps 18 retrieve the message and forward it to hardware node 26A which converts the fax to a bitmap image which can be displayed as desired.

20 A user may also perform mass communications through one or more media. For example, a user, accessing the system via the Internet, may wish to deliver a text message to one or more recipients. The user creates the message in the interface program and

addresses the message to various recipients. The user can indicate which medium is to be used for each recipient. Assuming that three recipients are selected, one to receive a voicemail version, one to receive an e-mail version and one to receive a fax version, the process is implemented as follows. The e-mail version is sent directly through the web to
5 the intended recipient and a marker is forwarded to NFS share database 46. When database 46 and database 24 are synchronized by web manager 28, the transaction is logged to the billing system for billing to the user. Both the voice mail and fax messages are sent, in text form, to telapps 18 which accesses hardware nodes 26 to convert the text to a bitmap (for faxing) and to speech (for voice mailing). Once the files are converted,
10 telapps 18 direct hardware nodes 26 to deliver the messages via the telephony network. The transactions are logged in database 24 for billing purposes.

If the user, accessing system 10 through the Internet, wishes to conduct a conference call, he or she accesses a portion of the interface which allows the selection of intended conferees. Once the conferees are selected, web manager 28 notifies telapps 18
15 of the need for conference telephony. Telapps 18 access the conference call hardware, which may be resident on hardware node 26 or on a specialized node 22. The hardware establishes the connection with each of the conferees and the connection is routed to the user's computer (which is configured to allow audio communication) and the conference call takes place. Again, the transaction is logged to database 24 for billing purposes.

20 These features may be accessed via telephone as well. For most functions, none of the commands or messages need be routed through any portion of Internet subsystem 14. Of course, any information routed to an Internet address or recipient will be routed

appropriately. For instance, a user may wish to deliver a fax to a recipient's e-mail address. The fax is sent through the telephony system, converted to an e-mail attachment and forwarded by web manager 28 to the recipient's e-mail address. Conversion may be performed by encoder 34 which encodes the fax to its final form, such as a GIF image,
5 text (using optical character recognition), etc., and e-mail server 36 or web manager 28 may attach the file (in its final format) and send it as an e-mail. The same process is also used for encoding and e-mail attaching audio messages.

In this illustrative embodiment, all transactions are routed through telapps 18A-N, even if they are wholly Internet transactions, primarily because billing functions are
10 performed in telephony subsystem 12.

As illustrated in FIGS 7-10, in an alternative illustrative embodiment, system 10 may be implemented with systems independent of conventional telephony systems.

System client 38, or service, uses library 40 which resides on the local host on which the application runs. A service may be transient or permanent. Transient services
15 are applications which are invoked to perform some task, and which terminate on completion of that task. Examples of such services would be a CGI script that faxes the input from a HTML form to a specific number. Permanent services are services that are always running, and which respond to events. Those events invoke some sort of action. Examples of such services include a service which answers calls on a given range of
20 DNIS values. This application can handle from 0 to the maximum number of channels worth of calls. The service starts up, initializes and registers itself, and waits for an event - an incoming call. Another example would be a process that handles all audio file

encoding/conversion for a machine. This process waits for an event, an audio file that requires encoding, and responds by encoding the file.

Services may or may not require the telephony resources managed by server 42; they may simply perform a task for other services. And it is for this purpose that services
5 may communicate with one another through the computer telephony interface ("CT/I") API with *peer messages*.

Any desired Internet or other distributed transfer protocol (here, simply for shorthand reference called, "Computer Telephony Transfer Protocol" or "CTTP") allows access of the library 40 functions by the Server 42 and vice versa. CTTP is an application
10 layer protocol which can use TCP/IP as transport. The protocol itself need not be defined since the API allows for the abstraction of all communication between the CT/I Service and the CT/I Server.

Each service 38 can have a distinct connection to server 42. Server 42 may have connections to multiple client applications, and a service may even connect to multiple
15 servers 42. Anything having to do with the actual connection to server 42 is hidden from service 38 through API 40.

The client/server relationship allows for very complex and diverse computer telephony related applications for intranets as well as for the Internet. The model allows for resource sharing between servers on a network. It gives the application developer an
20 abstract view of their servers 42 (as well as other servers) with disparate hardware and operating systems, as resources providing specific function and generating specific events

- all handled through a single API. It allows applications 38 (the services) to run locally or remotely.

Under this architecture server 42 is highly scaleable in that it can be a complete system unto itself for small operations - it could contain a database, web services, and call flow applications, or it may be several servers 42, all performing no other function other than managing telephony resources and outsourcing the actual applications to other machines on the network.

Example of Services 38 include:

- An application that waits for an incoming fax on a predetermined 800 number, and which encodes the fax from the .TIF image format to .GIF and posts it to the web.
- A CGI script that places an outbound call, page and fax notifying the recipient of the fields filled out in the HTML form.
- An E-Mail reader application with the capability to respond with an audio message to the sender.
- A telephone web browser which allows the user to select a URL, and which reads the corresponding document using text to speech functionality.
- An audio encoding process which waits for a peer message that transfers the audio file, and then encodes the audio file into the appropriate format.
- A web based application generator written in Java or other applet inclusive language that allows a user to map out a call flow and then assign that call flow to run on a specific 800 number.

API 40 allows services 38 to communicate with one another using peer messages.

This allows distributed processing which offers several advantages:

Applications which control call flow can send messages to another service (a helper service) to perform a function that may block (a database call for example). This keeps the call flow application in control of the call at all times, and greatly reduces latency.

Operations which take a lot of processing power or which need to run on specific operating systems can be accessed through peer messaging from a call flow application running on separate machines.

Users may also extend API 40 to include their own functions. These functions are wrappers for peer messaging, which allow the user to provide their own API functions and events to their services. An example of such an extension would be the addition of a function `cti_amaill(email_address, audio_file)` which mime encodes the audio file and attaches it to an e-mail message which is sent to the given e-mail address. This function would receive an event indicating, at a minimum, success or failure. This function may actually do nothing more than send a peer message to the delivery service and deliver the responding peer message as an event to the calling service. In fact, standard services may also be added to the API to provide functions such as audio and graphic file encoding/conversion.

The CT/I Server program forks into a Communications Server and a computer telephony "CT" Resource Manager. The Communications Server binds to a port and listens for incoming connections. When a client program (a CT/I service) connects to the

port, the Communications Server forks off a relay process that attaches the client to the CT/I Resource Manager through a pipe. When the CT/I service quits, the forked relay process also quits and returns the pipe to the Communications Server for use by another service.

5 The CT Resource Manager process contains the main event loop. Events from the telephony hardware spur signals to the client programs, and commands from the client programs trigger function calls to the CT hardware through the vendor specific API.

 The CT/I Server serves as the glue binding these two interfaces (Communications Server and the CT Resource Manager). The CT/I API (ti_* functions and events) is a
10 hardware independent API through which the CT/I service can control call flow, fax, page, etc. Each distinct CT platform (Dialogic, NMS, conversant, etc.) has its own set of corresponding hw_* events and related events. These functions and events correspond directly to the similarly named CT/I API functions.

 The CT/I API is a library which may be written in C or other suitable language
15 that can be compiled into a client program on any machine on the Internet, and from the remote client program can attach to the CT/I server and handle a multitude of calls. The CT/I API functions are designed to be easy to use, so that client application programs can be written by programmers without specific knowledge of the intrinsics of the specific CT platform and API. The ti_* functions are asynchronous and will not block, so a client
20 program can handle multiple connections at once. Some of the CT/I API functions are listed below:

```
int*ti_initialize(name,host,port,digit_event_mode);
```

```
char *name;  
char *host;  
int port;  
int digit_event_mode;
```

5

Description:

ti_initialize initiates a connection to a dispatch server running on a Dialogic™ host. The client must also provide a string identifier name by which the dispatcher will know the client. host is a string which identifies the host machine, for example

10 “dialog.tc.net”. port is an integer that specifies the port number on the host machine. digit_event_mode is an integer which specifies how dtmf digit events are reported to the client; a value of 0 puts the connection into immediate single-digit reporting mode. If digit_event_mode is non-zero, the connection is put into digit-block request mode.

ti_initialize returns a pointer which is the “handle” used for further communication with

15 the dispatch server.

Events:

```
event connect, subevent_incoming  
event_disconnect, subevent_incoming  
20 event_digit (if digit_event_mode is ON)
```

```
struct ti_event*ti_wait_event(conn,timeout);
```

```

int *conn;

struct timeval *timeout;

```

Description:

5 ti_wait-event waits for a duration of timeout for an event. conn specifies the handle of a dialogic dispatch server (returned by ti_initialize). If an event is obtained, the event structure referenced in the return value will specify the details of the event. If no event was obtained before timeout microseconds elapsed, a NULL pointer is returned. The event structure is composed of a major number, a minor number, and an auxiliary

10 pointer.

Events:

```

event_ring, event_connect, event_disconnect
        subevent_incoming
15        subevent_outgoing
event_digit
        subevent_dtmf,subevent_mf,subevent_pulse
        aux = digit string
event_play_done
20        subevent_EOF
        subevent_digit
event_record_done

```

```

        subevent_maxtime
        subevent_maxsilence
        subevent_digit
    event_prompt_done
5     subevent_maxdigits
        subevent_finalldigit
        subevent_maxtime
        subevent_maxsilence
        aux = digit string
10    event_peer_message
        aux = message

void ti_event_timeout(conn,channel,major,timeout);
        int *conn;
15    int major;
        struct timeval *timeout;

```

Description

ti_event_timeout requests notification if, after timeout, a specific event is not
 20 received. If the event is received before timeout, the event_timeout request is canceled.
 If the event is not received before timeout, then the specific event is generated with a

minor event identifier of subevent_timeout. conn specifies the handle of a dialogic dispatch server (returned by ti_initialize).

Events:

5 event_*,subevent_timeout

void ti_play(conn,channel,filename,interruptable_by_digit);

int *conn;

int channel;

10 char *filename;

int interruptable_by_digit;

Description:

ti_play plays the audio file filename over a desired channel. The format of the
 15 audio file is automatically determined from either the filename extension, or the first few
 bytes of the file. conn is the connection handle of a dialogic dispatch server (returned by
 ti_initialize). If interruptable_by_digit is non-zero, then the play operation can be
 interrupted by a digit event. ti_stop_io() may be called to interrupt the playing process.

20 Events:

event_play_done,subevent_EOF

event_play_done,subevent_digit

```
void ti_record(conn,channel,filename,maxtime,maxsilence,int_by_digit);  
    int *conn;  
    int channel;  
5    char *filename;  
    long maxtime;  
    long maxsilence;  
    int int_by_digit;
```

10 **Description:**

ti_record creates an audio file filename with data from a desired channel. The recording process continues until ti_stop_io() is called, or until maxtime milliseconds have elapsed, or until maxsilence milliseconds have elapsed, or until a digit event occurs (if int_by_digit is nonzero). conn is the connection handle of a dialogic dispatch server
15 (returned by ti_initialize). If maxtime is zero, then the recording time is unlimited. If maxsilence is zero, then silence will not stop the recording. If int_by_digit is zero, then a digit event will not stop the recording.

Events:

```
20    event_record_done,subevent_maxtime  
    event_record_done,subevent_maxsilence  
    event_record_done,subevent_digit
```

```
void ti_prompt(conn,channel,filename,interruptable_by_digit),
max_digits,final_digit,initial_timeout,idle_timeout);
    int *conn;
5    int channel;
    char *filename;
    int interruptable_by_digit;
    int max_digits;
    int final_digit;
10    long initial_timeout;/*milliseconds*/
    long idle_timeout;/*milliseconds*/
```

Description:

ti_prompt plays the audio file filename over a desired channel. The format of the
15 audio file is automatically determined from either the filename extension, or the first few
bytes of the file. conn is the connection handle of a dialogic dispatch server (returned by
ti_initialize). If interruptable_by_digit is nonzero, then the play operation can be
interrupted by a digit event. After the play is completed or interrupted, a digit block of
max_digits is expected. If no digits are received after initial_timeout milliseconds, or
20 after a special digit final_digit is received, or after an idle (silence) time of idle_timeout
milliseconds after one or more digits were received, a digit block event is returned.
ti_stop_io() may be called to interrupt the prompting process.

Events:

```
event_prompt_done,subevent_maxdigits  
event_prompt_done,subevent_finaldigit  
5 event_prompt_done,subevent_maxtime  
event_prompt_done,subevent_maxsilence
```

```
void ti_speak_string(conn,channel,text,interruptable_by_digit);  
int *conn;  
10 int channel;  
char *text;  
int interruptable_by_digit;
```

Description:

15 ti_text_to_speech_string converts the string text into a voice signal which is output over channel. conn is the connection handle of a Dialogic dispatch server returned by ti_initialize). If interruptable_by_digit is nonzero, then the speech can be interrupted by a digit event.

```
20 void ti_speak_file(conn,channel,filename,interruptable_by_digit);  
int *conn;  
int channel;
```



```
char *filename;  
int interruptable_by_digit;
```

Description:

5 `ti_text_to_speech_file` converts the text file `filename` into a voice signal which is output over channel. `conn` is the connection handle of a dialogic dispatch server returned by `ti_initialize`). If `interruptable_by_digit` is nonzero, then the speech can be interrupted by a digit event.

10 Events:

```
event_speak_done
```

```
void ti_stop_io(conn,channel);
```

```
int *conn;  
15        int.channel;
```

Description:

`ti_stop_io` stops all play, record, and `get_digit_block` operations on channel. `conn` is the connection handle of a dialogic dispatch server (returned by `ti_initialize`).

20

Events:

```
(none)
```

```
void ti_hangup(conn,channel);  
    int *conn;  
    int channel;
```

5

Description:

ti_hangup disconnects the call on channel. conn is the connection handle of a dialogic dispatch server (returned by ti_initialize).

10 **Events:**

```
event_disconnect,subevent_incoming  
event_disconnect,subevent_outgoing
```

```
void ti_exit(conn);
```

15

```
    int *conn;
```

Description:

ti_exit disconnects the client from the dialogic dispatch server. conn is the connection handle of a dialogic dispatch server (returned by ti_initialize).

20

Events:

```
(none)
```

```
void ti_die(s);  
    char *s;
```

5 Description:

ti_die prints the error message s, prints a perror message, and exits the client program abnormally with an exit value of -1.

Events:

10 (none)

FIGS. 11-27 illustrate various aspects and functionalities of an illustrative embodiment of an Internet interface presented to a user of system 10. Because of the myriad of combinations of communications media and message distribution options, it is impossible to catalog each and every possible function that may be performed via the present invention. The following description identifies many options for generating, accessing, manipulating and delivering messages and information via system 10; however, many other capabilities and functionalities may be added or included in such a system which take advantage of the integration of telephony and computer network capabilities and function.

The interface may allow a user to provide information about himself or herself (including how s/he may be contacted), information about his or her communications

preferences, and information about individuals and groups with whom s/he plans to communicate. These communication preferences may be configured by selecting certain options that define rules to be applied to inbound and outbound communications. For example, the user may request that inbound voice messages be forwarded to an e-mail mailbox for later viewing. Alternatively, the user may request that e-mail messages be forwarded to a voice mailbox for later retrieval. The user may also request pager notification any time s/he receives a new e-mail message. This cross-media messaging and notification feature of the present invention (which are provided by the message servers) automatically perform as part of the forwarding operation any reformatting or conversion of messages that may be required.

Computer access to inbound voice, fax, and e-mail communications is provided through a series of personal, secure Web pages. FIG. 11 shows a screen shot of a login page which can be generated by a system 10 according to the present invention. In this example, the Netscape Navigator Web browser is used to access the Web site through which the features and functionality of the present invention are provided. The Web site may be accessed through a Uniform Resource Locator (URL) such as "http://www.tc.net/pc3" or "http://www.premierecomm.com" 70. At this page, the user may be asked to provide a login identifier (such as a name) 72 and a password 74. Alternatively, as shown in FIG. 11A, the screen of FIG. 11 may include button by which destinations within the interface may be selected.

FIG. 12 shows a screen shot of a configuration management page. Information line 80, identifies the user, his or her location, the date and time, and an indicator of the

current task (e.g., Configuration). Tab 82 also indicates the current task. From the main configuration management page, the user may select one of several options as indicated by the buttons on page 84. The user may also select one of the buttons at the bottom of page 86.

5 FIG. 13 shows a screen shot of a personal contact information page. The user provides contact information such as a telephone number, a pager number, fax number, and e-mail address by completing the fields in form 90. The user may also provide a preferred contact method such as e-mail 92. As shown in FIG. 13A, the user may also configure his or her default contact information. Referring to FIG. 14, the user also may
10 provide in additional fields URLs in field 100. These URLs on "hyperlinks" will provide links to other Web sites through which s/he may be contacted directly. By completing field 110, a user may provide street maps and driving instructions that may be useful to other users (not shown). Referring to FIG. 15, the user may enter a short memo 110 - for example, regarding his or her plans for the day.

15 The user may also access account information as illustrated in FIG. 13B. As shown in FIG. 13C, a user may have several different configuration for varied personal scenarios, i.e., vacation, travel, etc., which will result in different setups specific to those needs.

20 In addition to providing the personal contact information (so inbound messages may be routed properly), the URL information, and the memo, the user may indicate whether s/he would like any or all of the information he provided (e.g., name, address, contact information, street maps, driving instructions, etc.) to appear on a "Virtual

Receptionist" Web page. The "Virtual Receptionist" Web page provides personal contact information for an individual user and may be accessed by other users of the present invention or other Internet users so they may contact the individual preferably, by simply selecting a "contact-me-now" button. FIG. 16 shows an example of a "Virtual

5 Receptionist" Web page. The page contains the same personal contact information provided by the user, but reformats it so other users may easily find the information and interact with the page through the buttons and links appearing on the page.

In addition to providing personal contact information, a user of the present invention has a personal on-line directory in which to store and organize the names,

10 addresses, telephone numbers, pager information, notes, and other data regarding the individuals with whom the user communicates regularly. These individuals may provide their own personal contact information so that they may be contacted according to their own personal preferences. At the on-line directory, an individual may be contacted by simply selecting the individual's name from a list. A user may also define groups of

15 people with whom he communicates frequently. The user may send the same communication to each person in the group simply by selecting the group name from a list of groups. Members of the group who have provided their own personal contact information may then receive the communication according their preferred communication method.

20 FIG. 17 shows a screen shot of an on-line directory page. Initially, the user is presented with the list of groups 120 s/he has defined previously and the list of individuals (Contacts) 122 with whom s/he communicates. In addition, the user is

presented with options 124 for managing the Groups and Contacts. For example, the user may add or delete names for either list (see FIG. 17A for group editing screen), add or remove entire groups (see FIG. for screen configuration for group creation option) or create a message for a selected group (see FIG. 17C for message screen). FIG. 18 shows a screen shot of an "Add Name" page. After selecting the group to which the user would like to add a name (e.g., Sales Group) 130, a form for adding a new name is presented 132. Referring to FIG. 19, the form 140 continues so contact information for reaching the individual through a variety of methods may be provided (e.g., more than one office number, fax number, home phone number, pager number, e-mail address, cellular phone number, etc.). FIG. 20 shows a screen shot of a Contacts page for individuals. Information regarding individuals with whom the user communicates 150 may be provided by completing an "Add Name" form as shown in FIG. 20A. A user may communicate easily with anyone in his on-line directory without having to keep track of multiple phone numbers and other contact information.

FIG. 21 shows a screen shot of a message center screen or page or "personal inbox." All of a user's communications - regardless of the type - may be accessed through the personal inbox. Preferably, the page lists in field 160 the type, time, date, sender, and subject of each communication that has been addressed to the user. Additional information may be accessed from this page by selecting one of the buttons 162 at the bottom of the page. As the user selects each communication, a communication display page for the individual communication is presented. The communication display page changes based on the type of message.

FIG. 21 show the message center screen of the interface. Message Center is intended to be the default location for the interface. The principle sections of this layout (which are analogous to the layout of other screens of the interface, are as follows:

Sidebar 161 - on the left of the screen is a side bar consisting of three tabs labeled
5 Inbox, Contact, and Configure. By pressing on any one of these three tabs, the program opens up to the corresponding interface for that action.

Work Area 160 - The large center section is work area 160. There is a default work area for each of the primary sections. Within the work area appears content appropriate for the section of the program that is active (i.e., messages in the Inbox, faxes
10 in the fax viewer, names in the Contact Manager, etc.). The Work Area can contain hyperlinks that call other sections of the program depending on current status. The current work area determines the current function bar.

Function Bar 163 - On the top of the browser's display area is the function bar. It contains the Exit button which will shut down the program, and leave the user at an
15 Exist screen (which may show advertising, account status information, or may be a return to Licensee's content). In addition it will contain several buttons whose functions are determined by the current Work Area (i.e., the Inbox Area will have related function buttons such as Forward Reply, etc.). The Function buttons call actions which effect their specific work area's content. The Exit button will be common to all Function bars in all
20 screens of the interface.

Status Bar 164 - Just below the Function bar is the Status Bar - by default it indicates the User's name, the current date, and the time as of the most recent refresh.

The Status bar could also potentially include any combination of the following: Banner Advertising, Stock Ticker, News or Sports wire, License specific content, etc.

Menu Bar 165 - At the bottom of the browser's display area is the Menu bar.

The Menu Bar contains link buttons 162 for various Work Areas to be displayed. The

- 5 Menu bar is determined by the sidebar tax - each of the tree primary sections has only one related Menu bar (i.e., the Menu bar for the Inbox contains buttons for each of the content sections of the Inbox). In addition the Menu Bar contains links to an Audio Tip (a streaming audio file giving a tip or hint for ease of use in the current section) and Help (a separate html section giving detailed help on how to use the interface. Help are available
- 10 from every Menu bar of all screens of the interface. The buttons corresponding with each work area shall appear highlighted when that button is selected.

The message center is the first primary section. It delivers inbound messages to the user, and allows the user to respond to and re-direct those messages. Messages may be in the following forms.

- 15 **Fax** - A Fax, .tif file converted to one or more .gif files for viewing on the web.

E-mail - Standard E-mail - attachments will appear as download links.

Voice Mail - A voice message that has been digitally encoded and electronically delivered.

- The message center is also the section which delivers customized content to the
- 20 user. For example, content may consist of any one or more of the following:

Sports - linking to a Sports provider such as ESPN.

News - linking to a news provider such as CNN.

Weather - linking to a Weather provider such as The Weather Channel.

Travel - linking to an airline or other Travel service such as Delta

Stocks - linking to NASDAQ or Quote.com

Of course, other information providers may also be included:

5 Menu Bar 165 for the message center contain links to any of the above content as determined by the users configuration. There is also a link to the incoming Message (Inbox). Each of the content links brings it's corresponding content into the interface frameset, in the frame set aside for the Work Area.

10 The Messages will be displayed in a Work Area in a table sorted by arrival time of the messages wit the most recent at the bottom. Each Message will occupy a row in the table indicting the following:

1. Type of message 166A - Fax, Voice Mail, or E-mail. This will be indicated by a graphic, which will also be a link to a message viewing Work Area for that particular type.
- 15 2. Time of Arrival 166B
3. Date of Arrival 166C
4. Sender 166D (for E-mail) or phone number (for fax)
5. Subject 166E (for E-Mail, # of pages for fax)
6. Select Box 166F- that is used to indicate if a particular message or group of
- 20 messages is tagged to be acted on by a function.

Function bar 163 is inactive when custom content is displayed. When the Messages are displayed, the following functions are available:

1. Refresh 167A- Checks the server for any new messages and redraws the screen.
 2. Select All 167B - Selects all messages to be acted on.
 3. Deselect all 167C - De-selects all messages.
 4. Download 167D - forwards all selected files as E-mail attachments to an E-mail
5 address pre-configured by the user. A user may, as an option, choose to have all
transferred messages, removed from the server.
 5. Delete 167E - Deletes all selected files from the server (the files may be expunged
immediately, or as part of the Exit process).
 6. Exit 167F - exits system.
- 10 As shown in FIGS. 22A-B, an e-mail message may be displayed in a scrolling text
window 170. The user may then reply to the message, store it, or forward it by selecting
one of the buttons at the bottom of the page 172. FIGS 22A-B show screen shots of the
E-mail viewer portion of the interface. By clicking on the image used to indicate an E-
mail message in the Inbox Message Work Area 160, a new Work Area 170 and Function
15 bar 171 are called. Sidebar 161, Menu 165 and Status bar 164 may remain the same.
Alternatively, Menu bar 165 may call additional buttons for accessing and manipulating
messages. The new Work Area 170 is the E-mail viewer which contains the header and
body of the corresponding E-mail message.

Available Functions for the E-mail Viewer are:

- 20 1. **Forward** - this commences a forward mail sequence allowing the user to re-direct
the E-mail with an added memo.
2. **Reply** - similar to Forward, but directed specifically to the sender.

3. **Download** - send the current E-mail to a pre-configured E-mail address. The message may then be removed from the server or returned in fax or message.
4. **Delete** - delete selected E-mail from server with Confirmation Dialog (e.g. Are you sure?) return to Messages Work Area.
5. **Next Message** - Jump to next Message in chronological queue (may require shifting to another type of message viewer)
6. **Previous Message** - jump to previous Message in chronological queue (may require shifting to another type of message viewer).

These functions may be provided as buttons on function bar 171 or menu bar 165 or other desirable locations on the screen.

As shown in FIGS. 23A-B, a fax message may be displayed as a graphical image (e.g., TIFF image) in a scrolling window 180. In addition, the fax message may be printed or forwarded by selecting a button and entering a fax number in a form field.

FIGS. 23A-B show screen shots of the fax viewer portion of the interface. By clicking on the image used to indicate a Fax message in the Inbox Message Work Area 160 (FIGS. 21A-B), a new Work Area and Function bar are called (Sidebar 161, Menu 165 and Status 164 bars may remain the same). The new Work Area 180 is the Fax viewer which indicates all available information about the sender: Name (if caller ID is available), Time and Date, and number of pages in transmission.

Available Functions for the Fax Viewer are:

1. **Forward** - this will commence a forward mail sequence allowing the user to re-direct the fax with an added memo.

2. **Reply** - similar to Forward, but directed specifically to the sender.
3. **Download** - send the current Fax to a pre-configured E-mail address - the message may then be removed from the server or returned in fax or message.
4. **Delete** - delete selected Fax from server with Confirmation Dialog (e.g. Are you
5 sure?) return to Messages Work Area.
5. **Next Message** - Jump to next Message in chronological queue (may require shifting to another type of message viewer)
6. **Previous Message** - jump to previous Message in chronological queue (may require shifting to another type of message viewer).
- 10 7. **Next Page** - display next page of Fax (if any).
8. **Previous Page** - display previous page of Fax (if any)

These functions may provided in the menu bar 165 (FIG 23A) or in the function bar 163 (FIG. 23B) or other desirable locations on the screen.

Information regarding an inbound voice mail message (e.g., date, time, sender's
15 number) may be displayed in a page as shown in FIGS. 24A-B. For computers equipped with a sound card, following selection of a button 190, a digitized voice message may be played back to the user. For computers without a sound card, the user may be given an 800 number to call to listen to the voice message. The voice mail message may then be saved, stored, or forwarded to individuals or groups.

20 FIGS. 24A-B show screen shots of the voice mail viewer portion of the interface. By clicking on the image used to indicate a Voice mail message in the Inbox Message Work Area 160 (FIGS. 21A-B), a new Work Area 191 and Function bar 163 are called

(Sidebar 161, Menu 165 and Status 164 bars may remain the same). The new Work Area 191 is the Voice Mail viewer which indicates all available information about the sender: Name (if caller ID is available). Time and Date of arrival, and length of message. The work Area will feature a DialWeb link and will have a RealAudio player embedded
5 therein which will both be used to call a ram file which will play the appropriate audio stream.

Available Functions for the Voice mail Viewer area:

1. **Forward** - this will commence a forward mail sequence allowing the user to re-direct the Voice mail with added memo.
- 10 2. **Reply** - similar to Forward, but directed specifically to the sender.
3. **Download** - send the current Voice mail to a pre-configured E-mail address. The message may then be removed from the server or returned in fax or message.
4. **Delete** - delete selected Voice mail from server with Confirmation Dialog (e.g. Are you sure?) return to Messages Work Area.
- 15 5. **Next Message** - Jump to next Message in chronological queue (may require shifting to another type of message viewer)
6. **Previous Message** - jump to previous Message in chronological queue (may require shifting to another type of message viewer).

These functions may provided in the menu bar (not shown) or in the function bar 163
20 (FIG. 23B) or other desirable locations on the screen.

In addition to retrieving inbound messages, the user may compose and send
outbound messages. FIG. 25A shows an outbound message page where the message is a

reply (thus the user need not enter an address). FIG. 25B shows an outbound message page where the message is not a reply and must therefore be addressed. The user first selects the intended recipients by selecting one or more groups or individuals to whom the message may be sent 200. The user then enters the text of the message in a scrolling
5 window 202. The message may then be sent to each of the selected recipients by selecting one of the delivery modes appearing in the buttons at the bottom of the page 204. Using the "Preferred Delivery" option, the message may converted or reformatted according to the preferred communication method of the recipient, preferably upon retrieval of the message by the recipient.

10 In another aspect of the present invention, the computer interface may be used to place outbound calls - for example, conference calls. Referring to FIG. 26 to place a conference call, a user first selects a list of participants by selecting one or more of the groups and/or individuals from the Contacts list 210. The user then selects the conference call button 212 to establish the call. The user waits for his telephone to ring.
15 The user is informed of the status of the call through a page as shown in FIG. 27.

Another outbound messaging feature of the present invention that is available via the computer interface is fax broadcasting. To take advantage of this feature, the user simply enters the text of his fax message and provides a list of recipient fax numbers, preferably by selecting a group or individuals from his on-line directory. The message
20 and fax numbers are then forwarded to the telecommunications switch so the necessary calls may be made. For those recipients who prefer e-mail over fax messaging, the cross-media messaging feature of the present invention processes the fax message as an

attachment to an e-mail message so that the recipient may retrieve the message according to his or her preferred communication medium. Upon retrieval by the recipient, the fax message may be displayed as an image in a scrolling window. In another aspect of the present invention, the fax message may be sent as e-mail to any recipient who happens to
5 be logged in to the Web site of the present invention at the time the fax is sent. This approach may result in a significant cost savings as fewer phone calls are needed to deliver the message to the intended recipients.

In addition to using the computer interface to present invention, a user may access his personal on-line directory, his personal inbox, and his personal contact information
10 using a telephone. The same information that is available to the user via the computer interface is accessible to the user via the telephone interface. Therefore, the user is assured of access to his communications regardless of the interface he chooses at any given time. The user may also arrange for conference call.ng and fax broadcasting through the telephone interface. The telephone thus gives the user an alternative device
15 through which the features and functionality of the present invention may be accessed.

Although the invention is described in detail with specific reference to illustrative embodiments, it is not limited to those particular embodiments. For example, the configuration of the components that provide the features and functionality of the present invention may change and nevertheless fall within the scope and spirit of the present
20 invention. The scope of the present invention is defined by the following claims.

Claims:

- 1 1. A system for accessing, creating and managing communications and messages
2 comprising:
3 a) a server;
4 b) a first database in communication with the server;
5 c) at least one telephone application node in communication with the server;
6 d) at least one telephony node in communication with the server;
7 e) at least one Internet node in communication with the server; and
8 f) at least one hardware node in communication with the at least one telephone
9 application node, at least one Internet node and server.
- 1 2. The system of claim 1 further comprising at least one Internet based messaging and
2 communications management application resident on the at least one telephone
3 application node.
- 1 3. The system of claim 2 in which the at least one Internet based messaging and
2 communications management application provides voicemail functionality.
- 1 4. The system of claim 2 in which the at least one Internet based messaging and
2 communications management application provides electronic mail functionality.
- 1 5. The system of claim 2 in which the at least one Internet based messaging and
2 communications management application provides facsimile functionality.

- 1 6. The system of claim 1 further comprising at least one telephony based messaging and
2 communications management application resident on the at least one telephone
3 application node.
- 1 7. The system of claim 6 in which the at least one telephony based messaging and
2 communications management application provides voicemail functionality.
- 1 8. The system of claim 6 in which the at least one telephony based messaging and
2 communications management application provides electronic mail functionality.
- 1 9. The system of claim 6 in which the at least one telephony based messaging and
2 communications management application provides facsimile functionality.
- 1 10. The system of claim 1 in which the hardware node further comprises at least one
2 communications processing board.
- 1 11. The system of claim 10 in which the at least one communications processing board is a
2 digital network interface.
- 1 12. The system of claim 10 in which the at least one communications processing board is a
2 facsimile board.
- 1 13. The system of claim 10 in which the at least one communications processing board is a
2 text to speech processor.

- 1 14. The system of claim 10 in which the at least one communications processing board is a
2 conference call board.
- 1 15. The system of claim 10 in which the at least one communications processing board is a
2 voice recording board.
16. The system of claim 1 further comprising at least one user interface.
17. The system of claim 16 in which the interface is telephony based.
18. The system of claim 16 in which the interface is keypad based.
19. The system of claim 16 in which the interface is an Internet browser.
- 1 20. The system of claim 16 in which the interface provides access to stored messages and
2 real-time communications.
21. The system of claim 16 in which the interface provides people centered communications.
22. The system of claim 16 in which the interface provides cross media messaging.
- 1 23. The system of claim 16 in which the interface allows a user to initiate and control
2 conference call.

- 1 24. The system of claim 16 in which the interface allows a user to direct a single message to
2 multiple recipients.
- 1 25. The system of claim 16 in which the interface allows a user to create a publicly accessible
2 web page.
- 1 26. The system of claim 16 in which the interface allows a user to identify at least one
2 information source and periodically retrieve selected data from the information source.
- 1 27. The system of claim 16 further comprising an application which selects the optimal
2 communications medium for sending or receiving a message.
- 1 28. The system of claim 1 in which the Internet node further comprises:
2 a) a web manager;
3 b) an encoder in communication with the web manager; and
4 c) a second database in communication with the web manager.
- 1 29. The system of claim 28 in which the web manager periodically synchronizes the first and
2 second databases.
- 1 30. A system for managing personal communications comprising:
2 a) telephony subsystem;
3 b) an Internet subsystem in communication with the telephony subsystem; and

- 4 c) a hardware node in communication with the telephony subsystem and the Internet
5 subsystem.

31. The system of claim 30 further comprising at least one user interface.
32. The system of claim 31 in which the interface is telephony based.
33. The system of claim 31 in which the interface is keypad based.
34. The system of claim 31 in which the interface is an Internet browser.
- 1 35. The system of claim 31 in which the interface provides access to stored messages and
2 real-time communications.
36. The system of claim 31 in which the interface provides people centered communications.
37. The system of claim 31 in which the interface provides cross media messaging.
- 1 38. The system of claim 31 in which the interface allows a user to initiate and control
2 conference call.
- 1 39. The system of claim 31 in which the interface allows a user to direct a single message to
2 multiple recipients.

1 40. The system of claim 31 in which the interface allows a user to create a publicly accessible
2 web page.

1 41. The system of claim 31 in which the interface allows a user to identify at least one
2 information source and periodically retrieve selected data from the information source.

1 42. The system of claim 31 further comprising an application which selects the optimal
2 communications medium for sending or receiving a message.

1 43. A system for accessing, creating and managing communications and messages
2 comprising:

3 a) a system client;

4 b) a computer telephony interface library in communication with the client; and

5 c) a computer telephony interface server in communication with the library.

44. The system of claim 43 in which the system client provides at least one service.

45. The system of claim 44 in which the service is facsimile message management.

1 46. The system of claim 44 in which the service is automated message delivery to a
2 predetermined recipient.

47. The system of claim 44 in which the service is electronic mail management

- 48. The system of claim 44 in which the service is electronic mail text to speech conversion.
- 49. The system of claim 44 in which the service is an automated response to electronic mail.
- 50. The system of claim 44 in which the service is call flow mapping.
- 51. The system of claim 43 further comprising at least one user interface.
- 52. The system of claim 51 in which the interface is telephony based.
- 53. The system of claim 51 in which the interface is keypad based.
- 54. The system of claim 51 in which the interface is an Internet browser.
- 1 55. The system of claim 51 in which the interface provides access to stored messages and
2 real-time communications.
- 56. The system of claim 51 in which the interface provides people centered communications.
- 57. The system of claim 51 in which the interface provides cross media messaging.
- 1 58. The system of claim 51 in which the interface allows a user to initiate and control
2 conference call.

- 1 59. The system of claim 51 in which the interface allows a user to direct a single message to
2 multiple recipients.
- 1 60. The system of claim 51 in which the interface allows a user to create a publicly accessible
2 web page.
- 1 61. The system of claim 51 in which the interface allows a user to identify at least one
2 information source and periodically retrieve selected data from the information source.
- 1 62. The system of claim 51 further comprising an application which selects the optimal
2 communications medium for sending or receiving a message.
- 1 63. A method for permitting a user to manage personal communications comprising the steps
2 of:
3 a) providing a telephony subsystem;
4 b) providing an Internet subsystem in communication with the telephony subsystem;
5 c) providing a hardware node in communication with the telephony subsystem and
6 the Internet subsystem; and
7 d) providing a user interface.
- 1 64. The system of claim 63 further comprising the step of providing access to stored
2 messages and real-time communications.

- 1 65. The system of claim 63 further comprising the step of providing people centered
2 communications.
66. The system of claim 63 further comprising the step of providing cross media messaging.
- 1 67. The system of claim 63 further comprising the step of allowing a user to initiate and
2 control conference call.
- 1 68. The system of claim 63 further comprising the step of allowing a user to direct a single
2 message to multiple recipients.
- 1 69. The system of claim 63 further comprising the step of allowing a user to create a publicly
2 accessible web page.
- 1 70. The system of claim 63 further comprising the step of allowing a user to identify at least
2 one information source and periodically retrieve selected data from the information
3 source.
- 4 71. The system of claim 63 further comprising the step of automatically selecting the optimal
5 communications medium for sending or receiving a message.
- 1 72. A system for managing personal communications comprising:
2 a) telephony subsystem;

- 3 b) an Internet subsystem in communication with the telephony subsystem;
- 4 c) a hardware node in communication with the telephony subsystem and the Internet
- 5 subsystem;
- 6 d) at least one keypad based interface in communication with the telephony
- 7 subsystem;
- 8 e) at least one web browser interface in communication with the Internet subsystem;
- 9 and
- 10 f) a billing information system in communication with the telephony and Internet
- 11 subsystems and with a payment source.
73. The system of claim 72 in which the payment source is a credit card account.
74. The system of claim 72 in which the payment source is a bank account.
75. The system of claim 72 in which the keypad interface is a telephone.
- 1 76. The system of claim 72 in which the interfaces provides access to stored messages and
- 2 real-time communications.
77. The system of claim 72 in which the interfaces provide people centered communications.
78. The system of claim 72 in which the interfaces provide cross media messaging.

- 1 79. The system of claim 72 in which the interfaces allows a user to initiate and control
2 conference call.
- 1 80. The system of claim 72 in which the interfaces allows a user to direct a single message to
2 multiple recipients.
- 1 81. The system of claim 72 in which the interfaces allow a user to create a publicly accessible
2 web page.
- 1 82. The system of claim 72 in which the interfaces allow a user to identify at least one
2 information source and periodically retrieve selected data from the information source.
- 1 83. The system of claim 72 further comprising an application which selects the optimal
2 communications medium for sending or receiving a message.

Phase One--NMS Migration and PC3 Integration

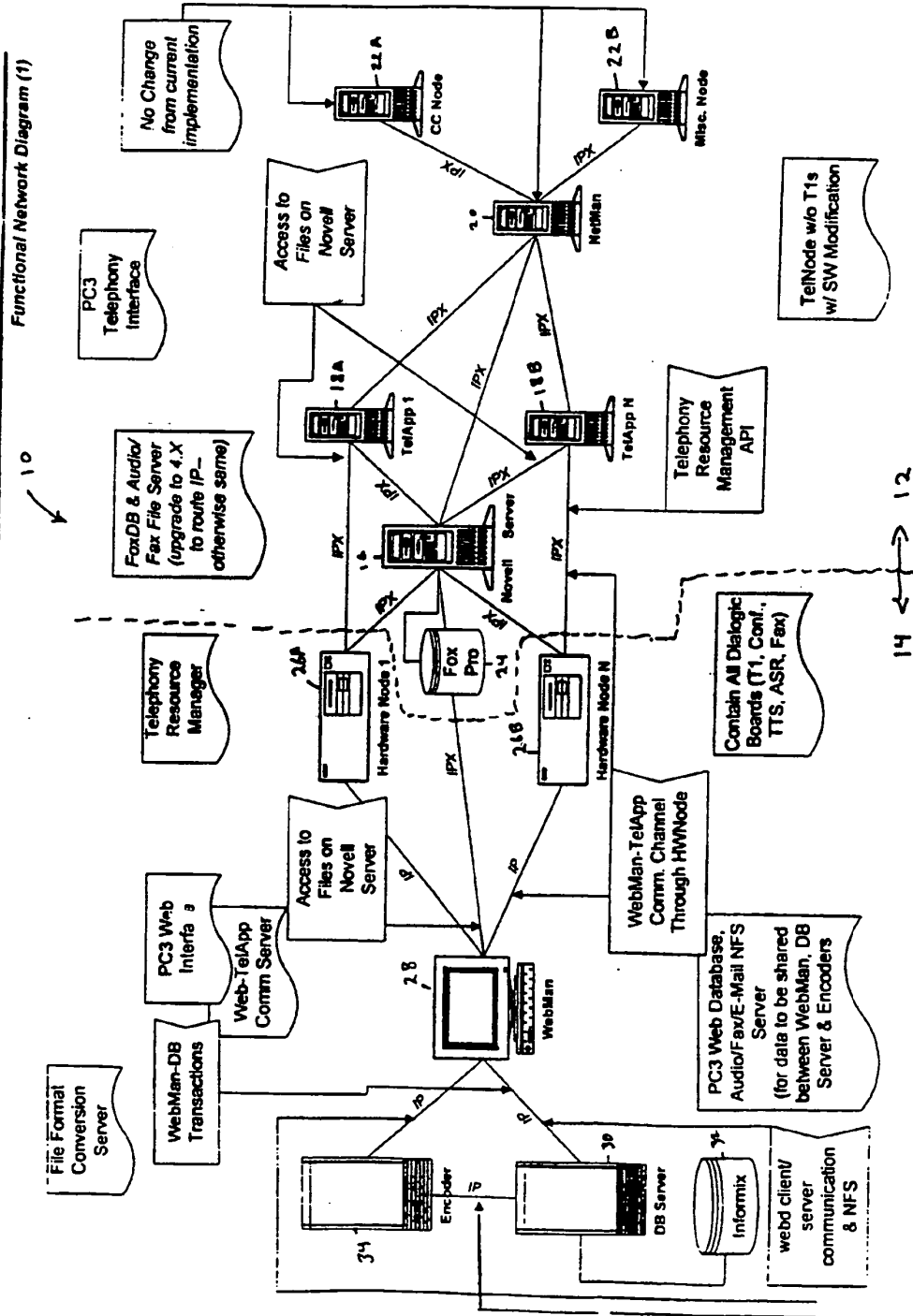
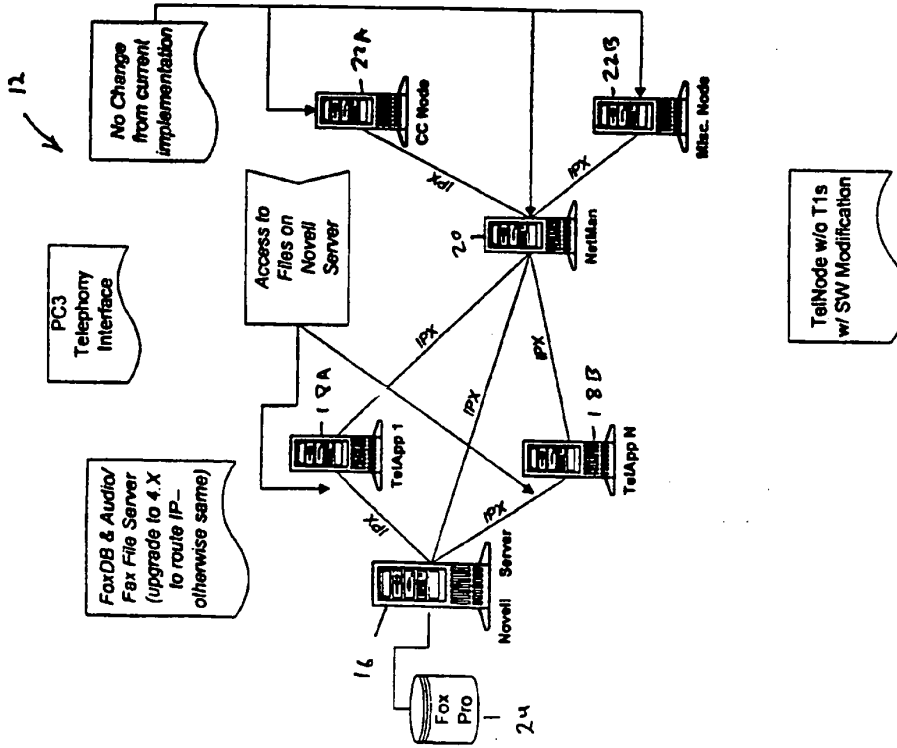


Fig. 1

Phase One--Unaffected NMS Segment

Functional Network Diagram (2)



This Section of the NMS is relatively untouched by Phase I of the migration. The NetMan, Novell File Server/Fax Pro Database, Credit Card/Billing Nodes, and TelNodes (now TelApps) interact with each other just as they always have.

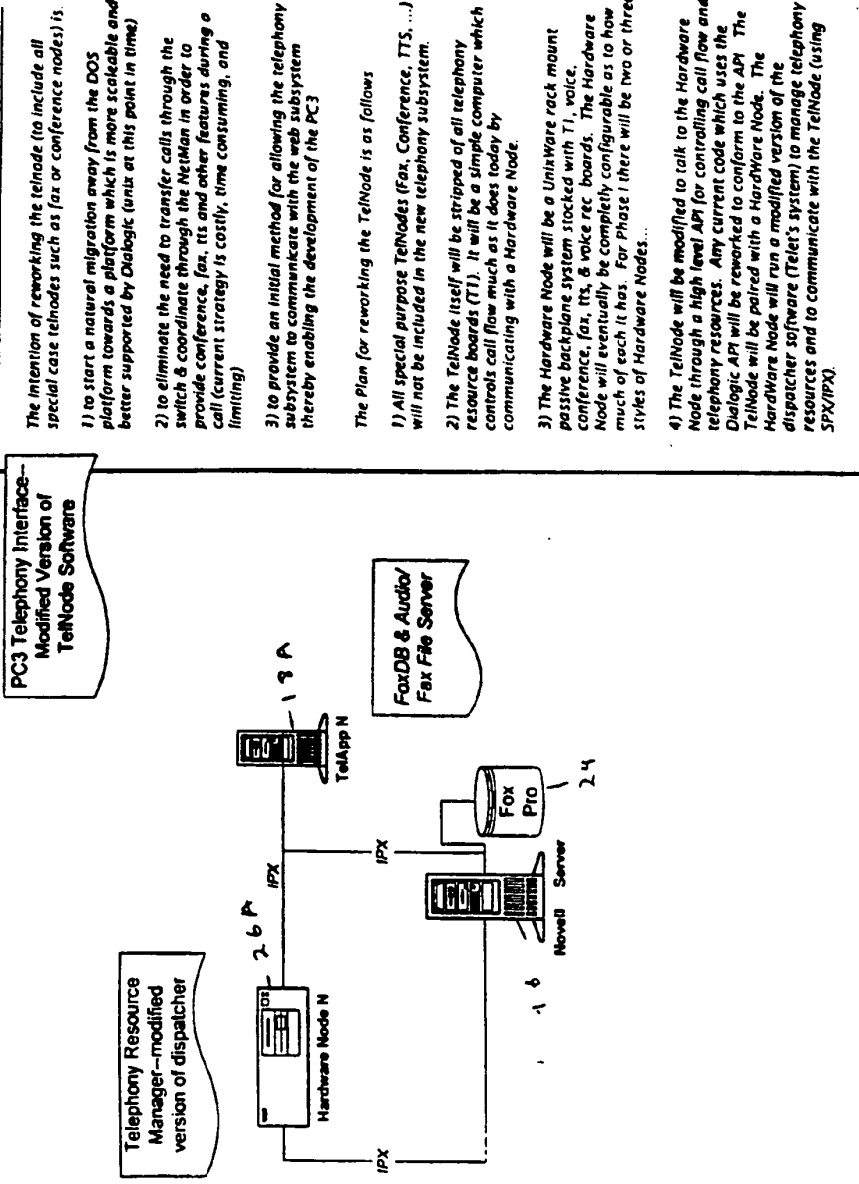
Special Purpose TelNodes (FaxNode, TTS Node, Conference Node) are removed from the system, as this role will be distributed between the Hardware Node and the TelApp.

The TelApp is a TelNode stripped of all Digital Network Interface (TI) boards. A TelApp is dependent upon its Hardware Node which contains all necessary boards (TI, fax, TTS, conference, etc.) and which manages those resources.

Fig. 2

Phase One--TelApp & Hardware Node (TelNode Split)

Functional Network Diagram (3)



- The intention of reworking the telnode (to include all special case telnodes such as fax or conference nodes) is:
- 1) to start a natural migration away from the DOS platform towards a platform which is more scalable and better supported by Dialogic (unix at this point in time)
 - 2) to eliminate the need to transfer calls through the switch & coordinate through the NetMan in order to provide conference, fax, tts and other features during a call (current strategy is costly, time consuming, and limiting)
 - 3) to provide an initial method for allowing the telephony subsystem to communicate with the web subsystem thereby enabling the development of the PC3
- The Plan for reworking the TelNode is as follows
- 1) All special purpose TelNodes (Fax, Conference, TTS, ...) will not be included in the new telephony subsystem.
 - 2) The TelNode itself will be stripped of all telephony resource boards (TI). It will be a simple computer which controls call flow much as it does today by communicating with a Hardware Node.
 - 3) The Hardware Node will be a UnixWare rack mount passive backplane system stocked with T1, voice, conference, fax, tts, & voice rec boards. The Hardware Node will eventually be completely configurable as to how much of each it has. For Phase 1 there will be two or three styles of Hardware Nodes...
 - 4) The TelNode will be modified to talk to the Hardware Node through a high level API for controlling call flow and telephony resources. Any current code which uses the Dialogic API will be reworked to conform to the API. The TelNode will be paired with a Hardware Node. The Hardware Node will run a modified version of the dispatcher software (Telnet's system) to manage telephony resources and to communicate with the TelNode (using SPX/IPX).

Fig. 3

Phase One--Integration of NMS and the Internet

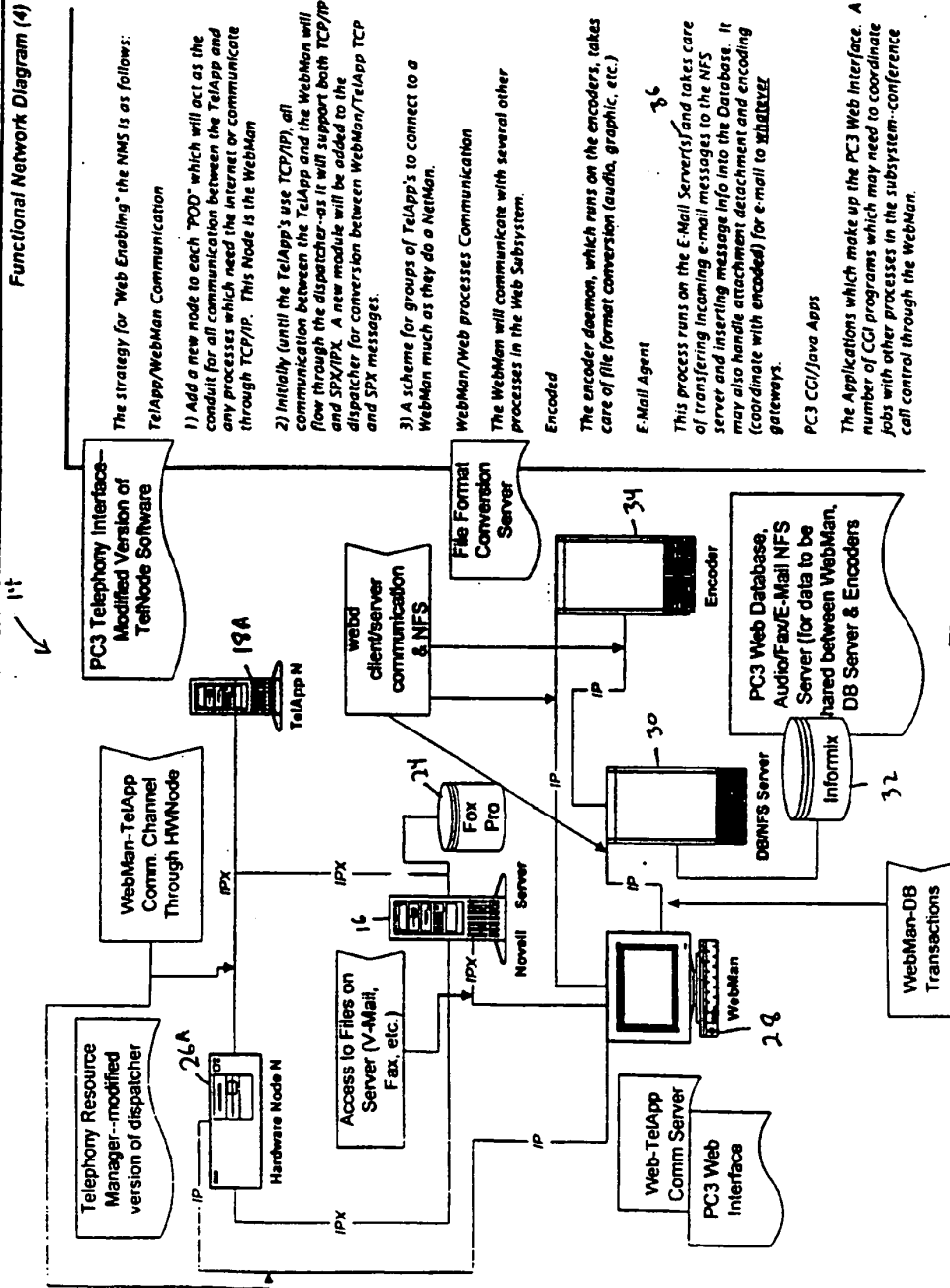
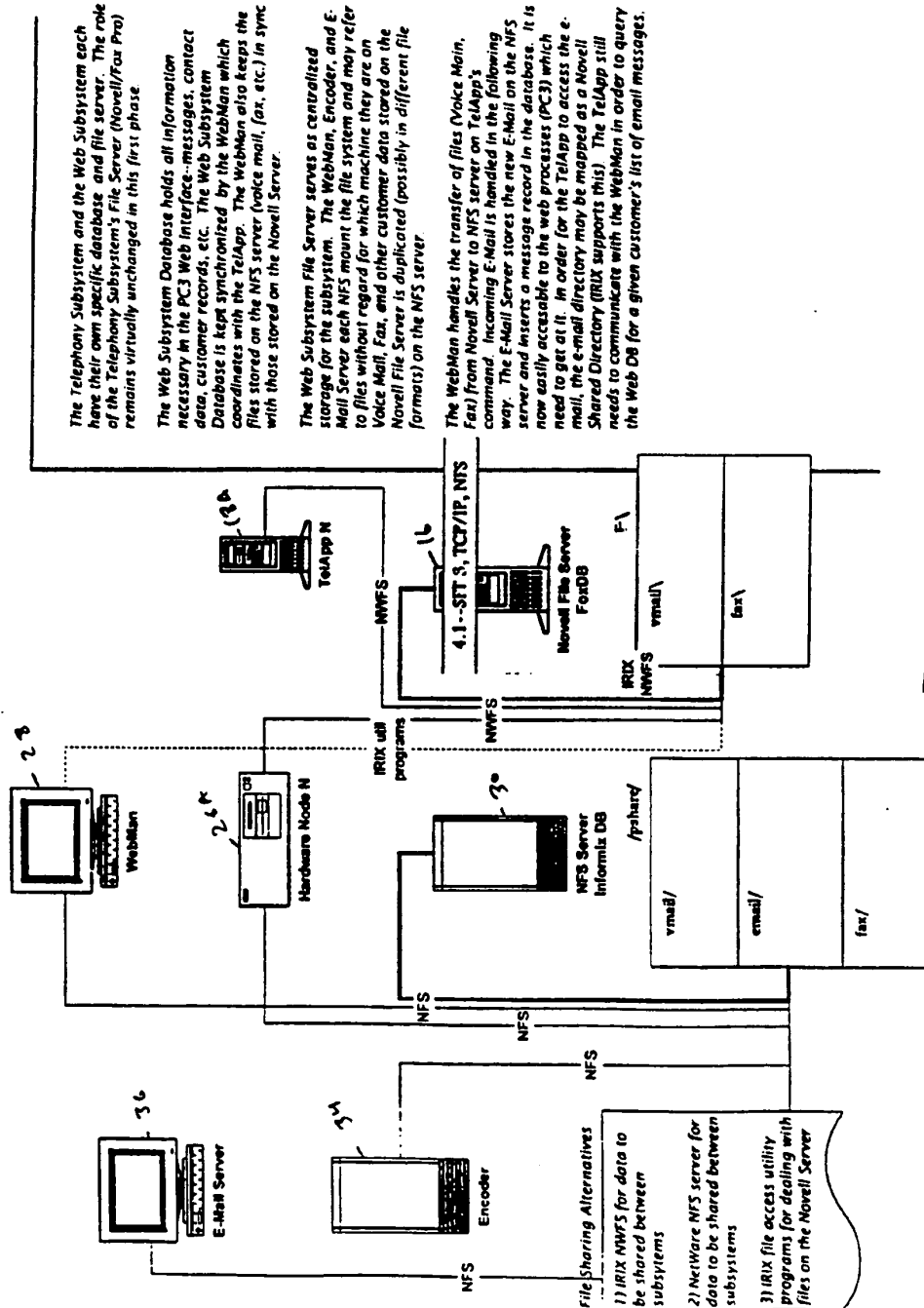


Fig. 4

Phase One--NMS File System Organization

Software Diagram (1)



The Telephony Subsystem and the Web Subsystem each have their own specific database and file server. The role of the Telephony Subsystem's File Server (Novell/Fox Pro) remains virtually unchanged in this first phase.

The Web Subsystem Database holds all information necessary in the PC3 Web interface--messages, contact data, customer records, etc. The Web Subsystem Database is kept synchronized by the WebMan which coordinates with the TelApp. The WebMan also keeps the files stored on the NFS server (voice mail, fax, etc.) in sync with those stored on the Novell Server.

The Web Subsystem File Server serves as centralized storage for the subsystem. The WebMan, Encoder, and E-Mail Server each NFS mount the file system and may refer to files without regard for which machine they are on. Voice Mail, Fax, and other customer data stored on the Novell File Server is duplicated (possibly in different file formats) on the NFS server.

The WebMan handles the transfer of files (Voice Mail, Fax) from Novell Server to NFS server on TelApp's command. Incoming E-Mail is handled in the following way. The E-Mail Server stores the new E-Mail on the NFS server and inserts a message record in the database. It is now easily accessible to the web processes (PC3) which need to get at it. In order for the TelApp to access the e-mail, the e-mail directory may be mapped as a Novell Shared Directory (IRIX supports this). The TelApp still needs to communicate with the WebMan in order to query the Web DB for a given customer's list of email messages.

Fig 5

Phase One--Subsystem IPC

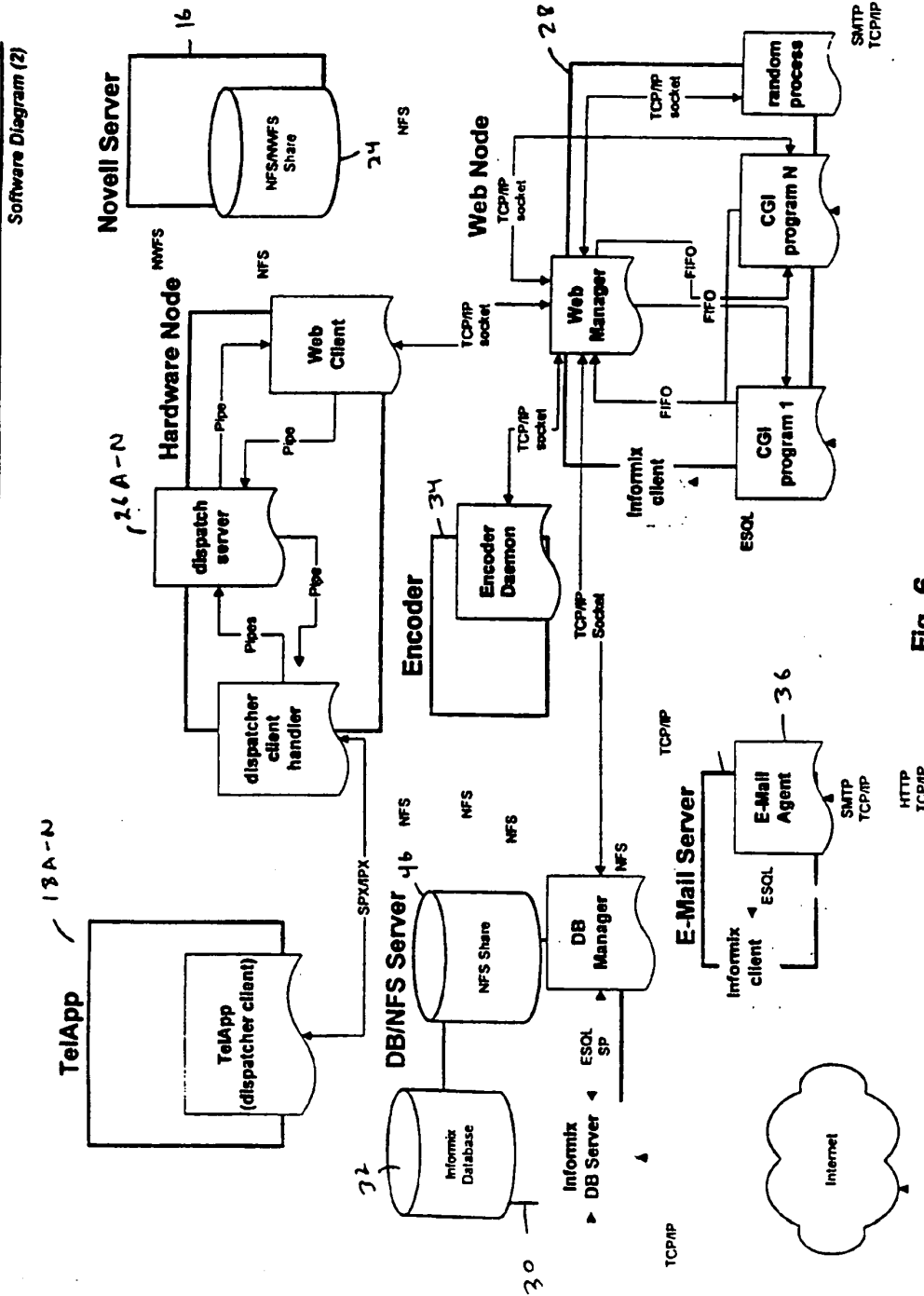
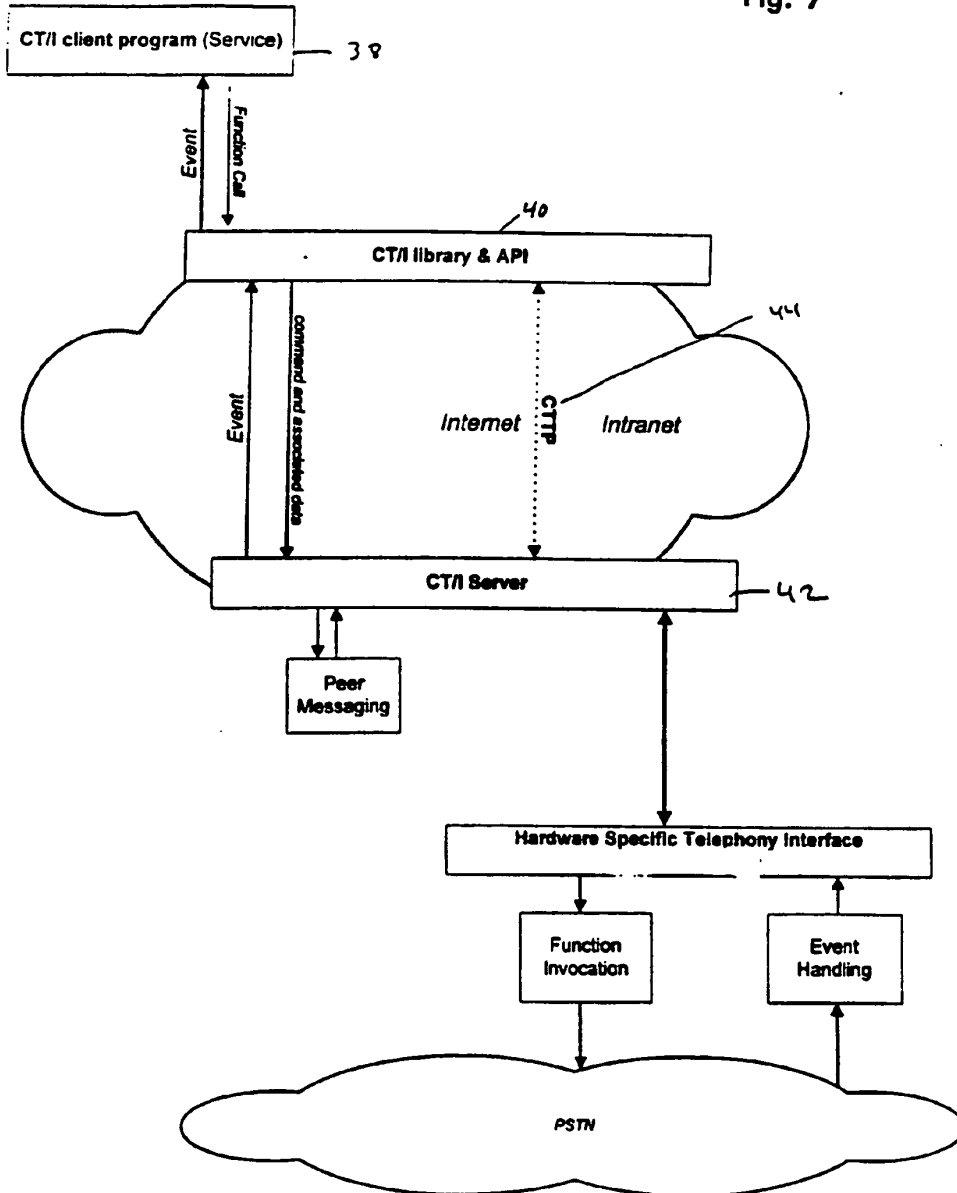


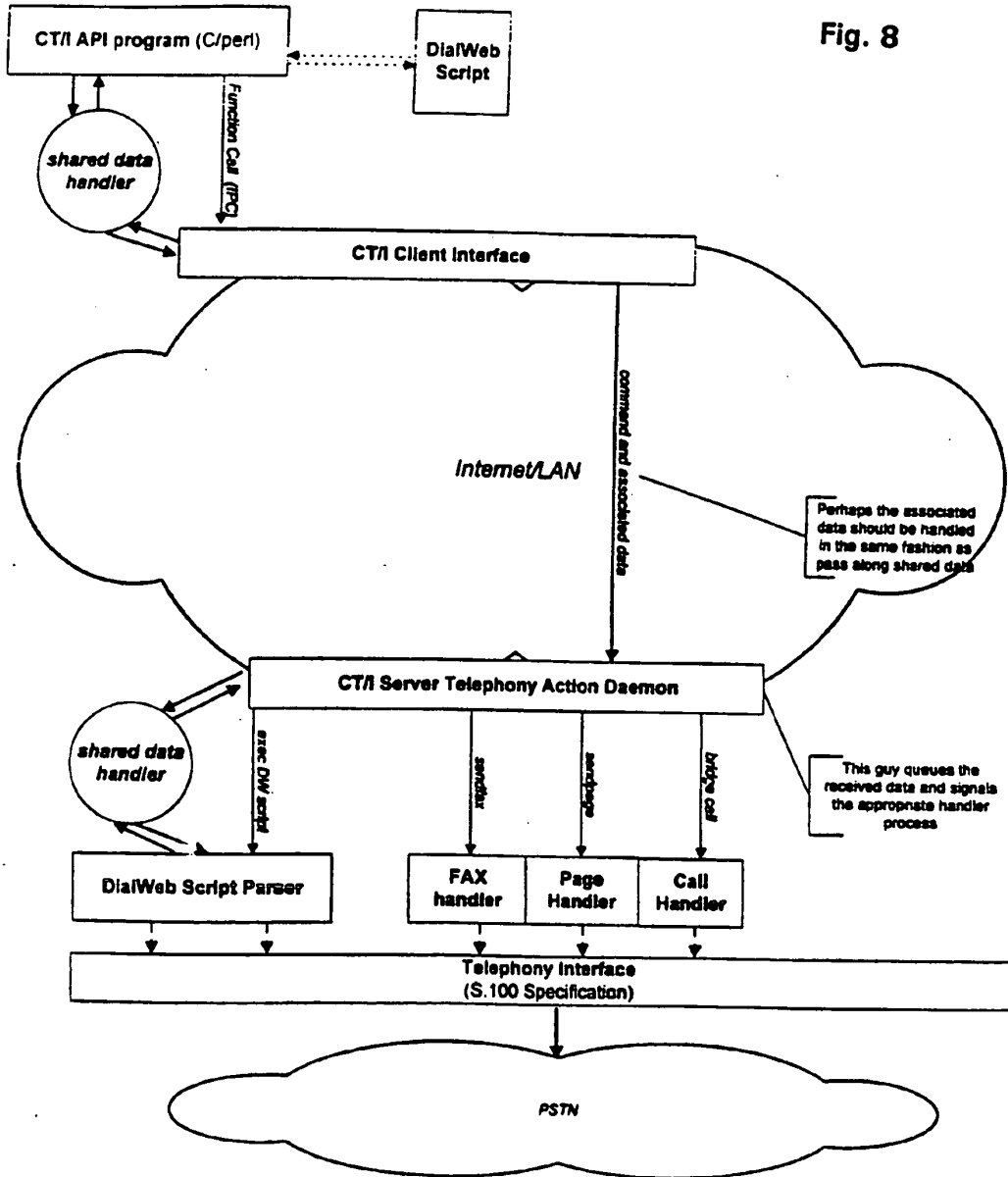
Fig. 6

CT/I Client/Server Diagram

Fig. 7



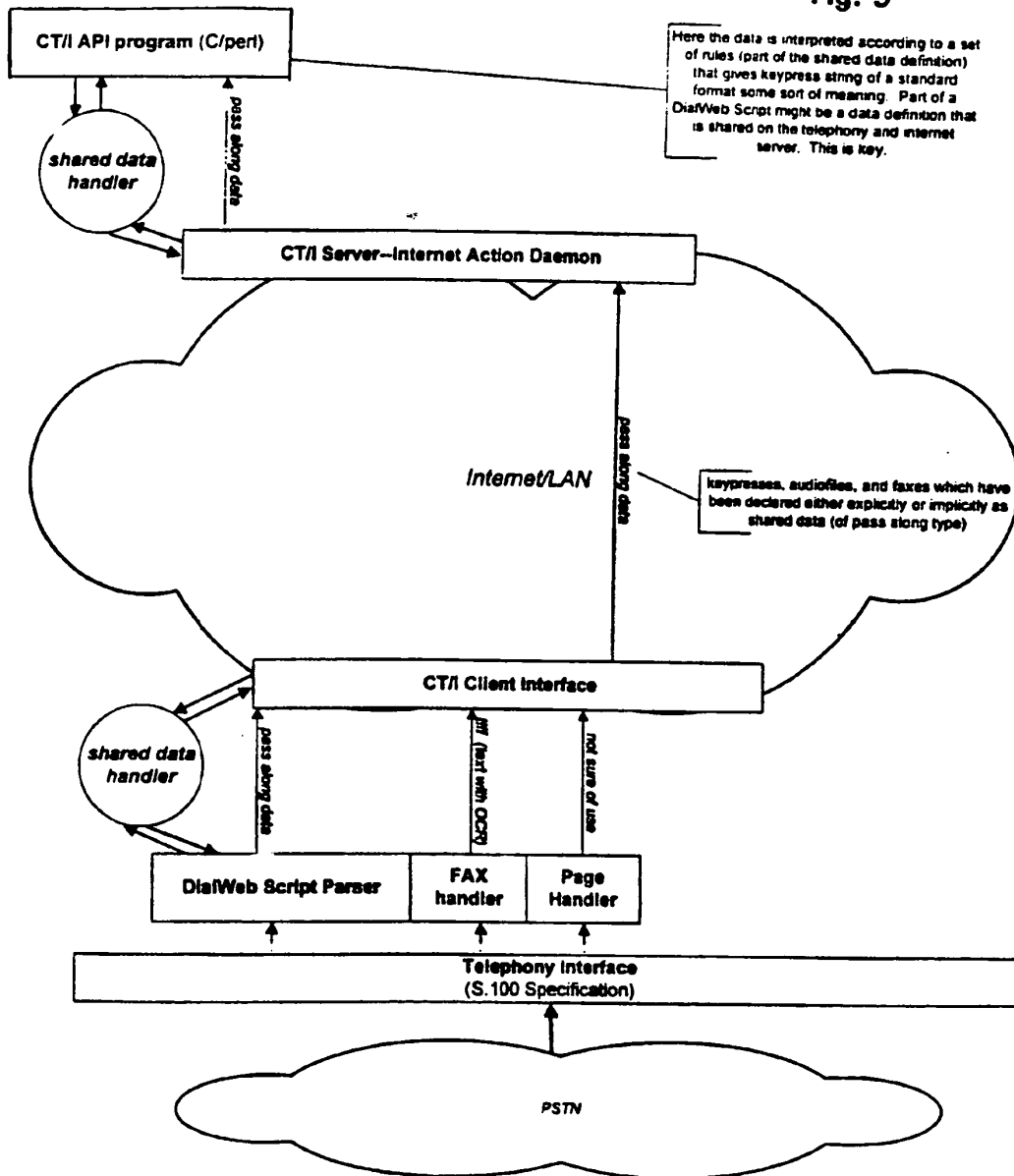
Web process initiates a telephone action



9/39

Telephone process initiates an internet action

Fig. 9



10/39

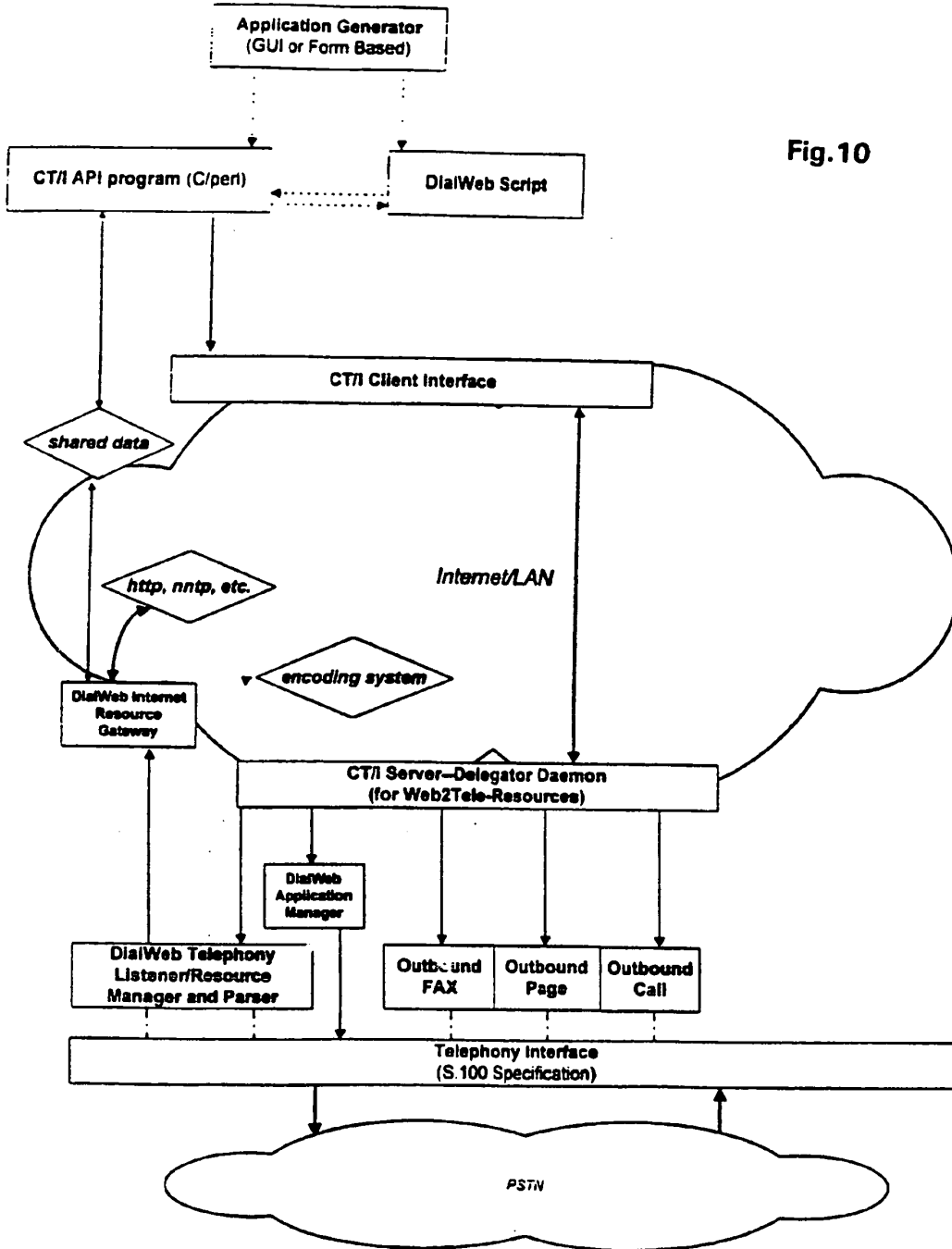


Fig.10

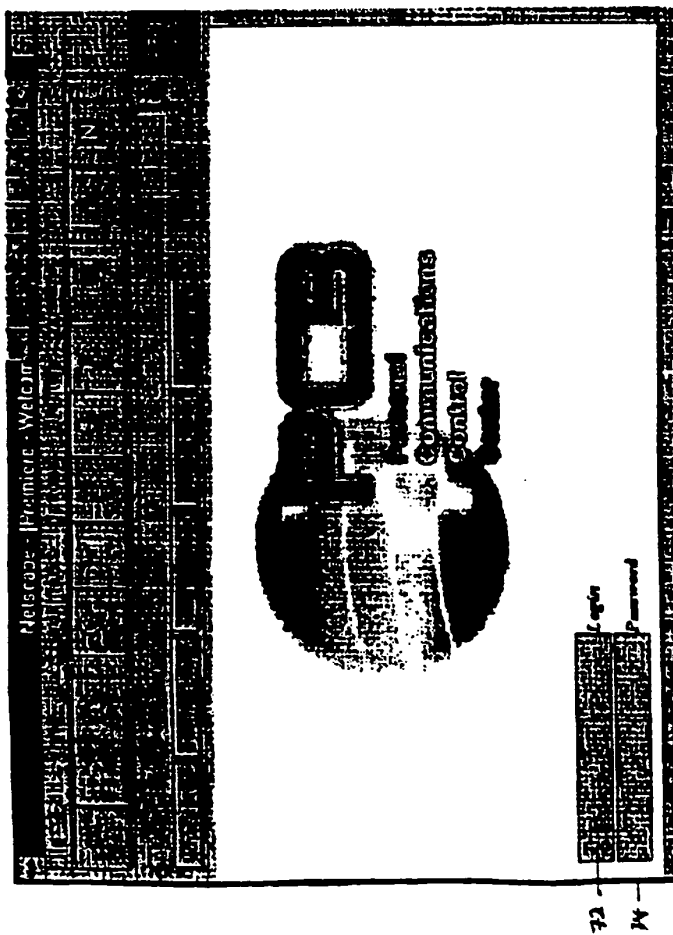
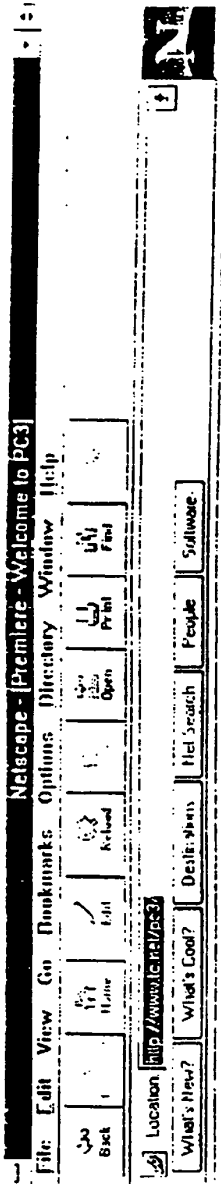


Fig. 11



login
 password

Document Date

Fig. 11A

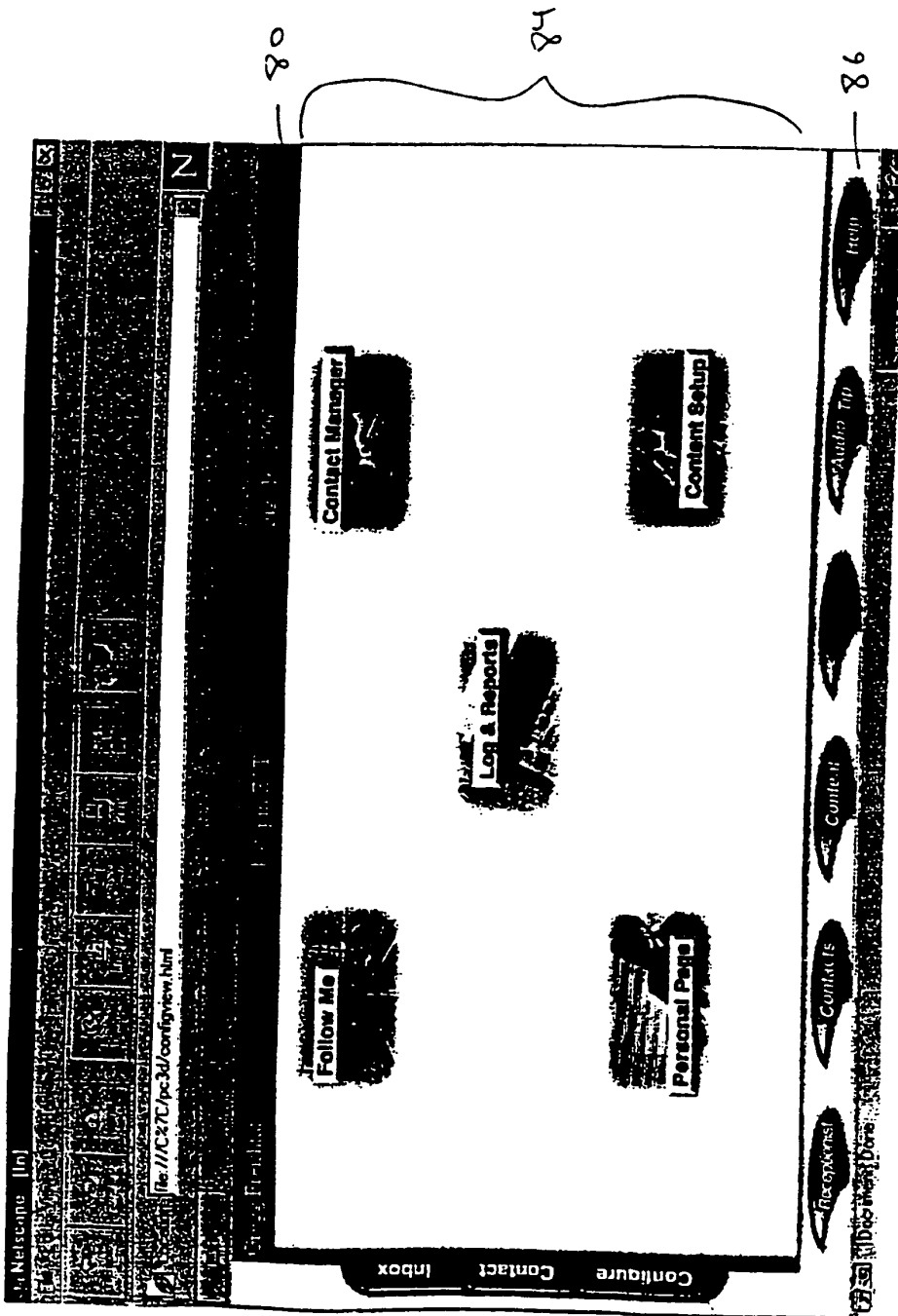


Fig. 12

90

Checked items will be displayed on \$Gregg Freishtat's Virtual Receptionist Page

Buttons:

Contact Me email address: jgs@lelet.net 92 DialWeb Link (1-800-888-8888 PIN:1245)

Contact Information:

(410) 842-2100 Office (410) 123-4567 Residence

(410) 842-2121 Fax jgs@lelet.net Email

(410) 777-2124 Pager

Address:

Tele1 Communications, LLC Name

40 W. Chesapeake Ave Address 1

Suite 400 Address 2

Navigation: Home, Contact, Configure, Contact, Inbox

Buttons: Home, Contact, Configure, Contact, Inbox

Fig. 13

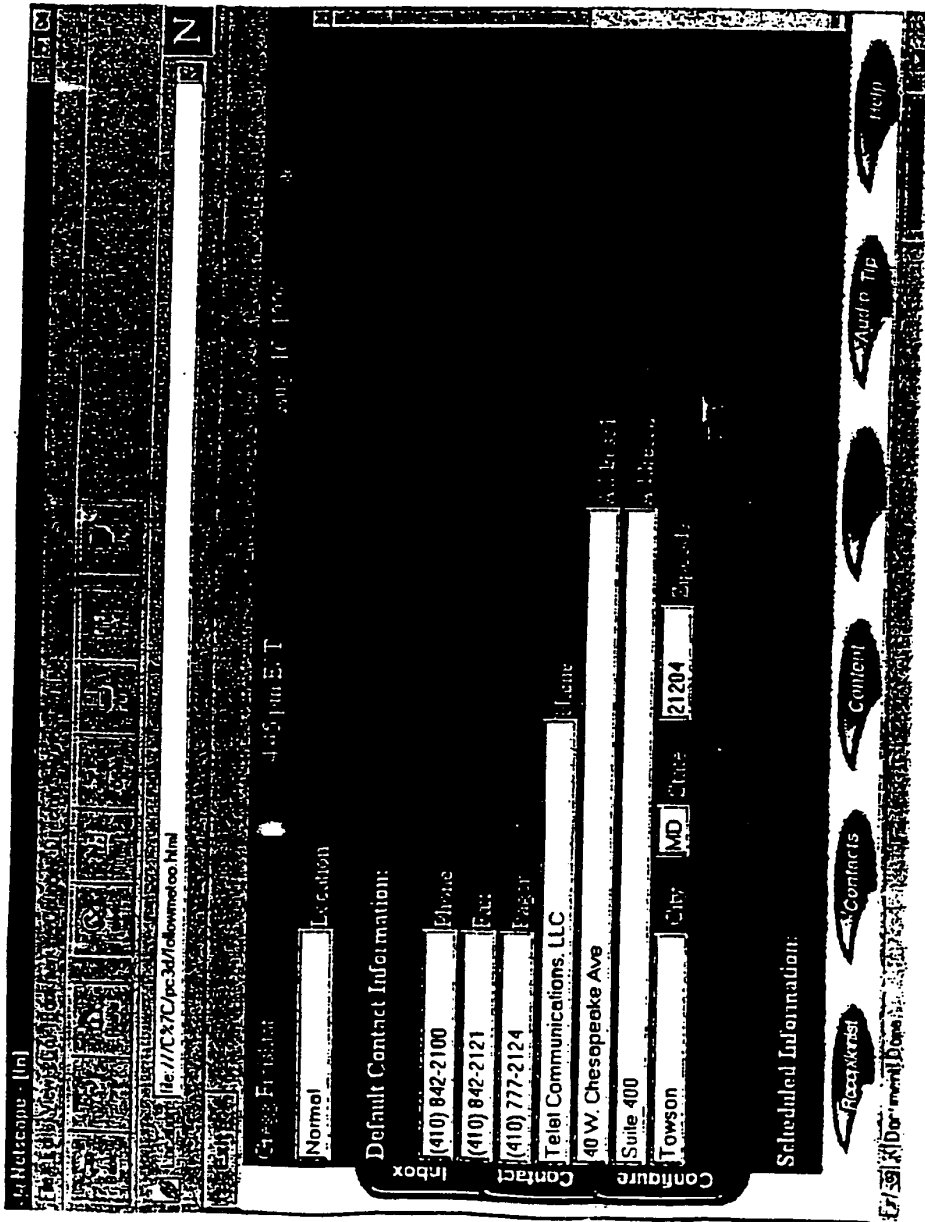


Fig. 13A

Netescape - [In] N

File Edit View Go Back Forward Home Stop Reload Print Directory Services

Location file:///C:/PC30/rogview.html

Exit

Gregg Freight
145 Jan EST

Current Charges for Gregg Freight

Charges	Credits	Total
Monthly Service Charges 07/25/96 thru 08/24/96		
A-Mail Service		44.44
Voice Mail Service		44.44
E-mail Service		44.44
Faxing Service		44.44
Paging Service		44.44
Total Monthly Service Charges		222.00
A-Mail Charges 07/25/96 thru 08/24/96		
Outgoing		44.44
Incoming		44.44
Total A-Mail Charges		88.88
Voice Mail Charges 07/25/96 thru 08/24/96		
Recipients		44.44
Content		44.44
Audio Tip		44.44
Help		44.44

Configure
Inbox
Contact
Inbox Done

Fig. 13B

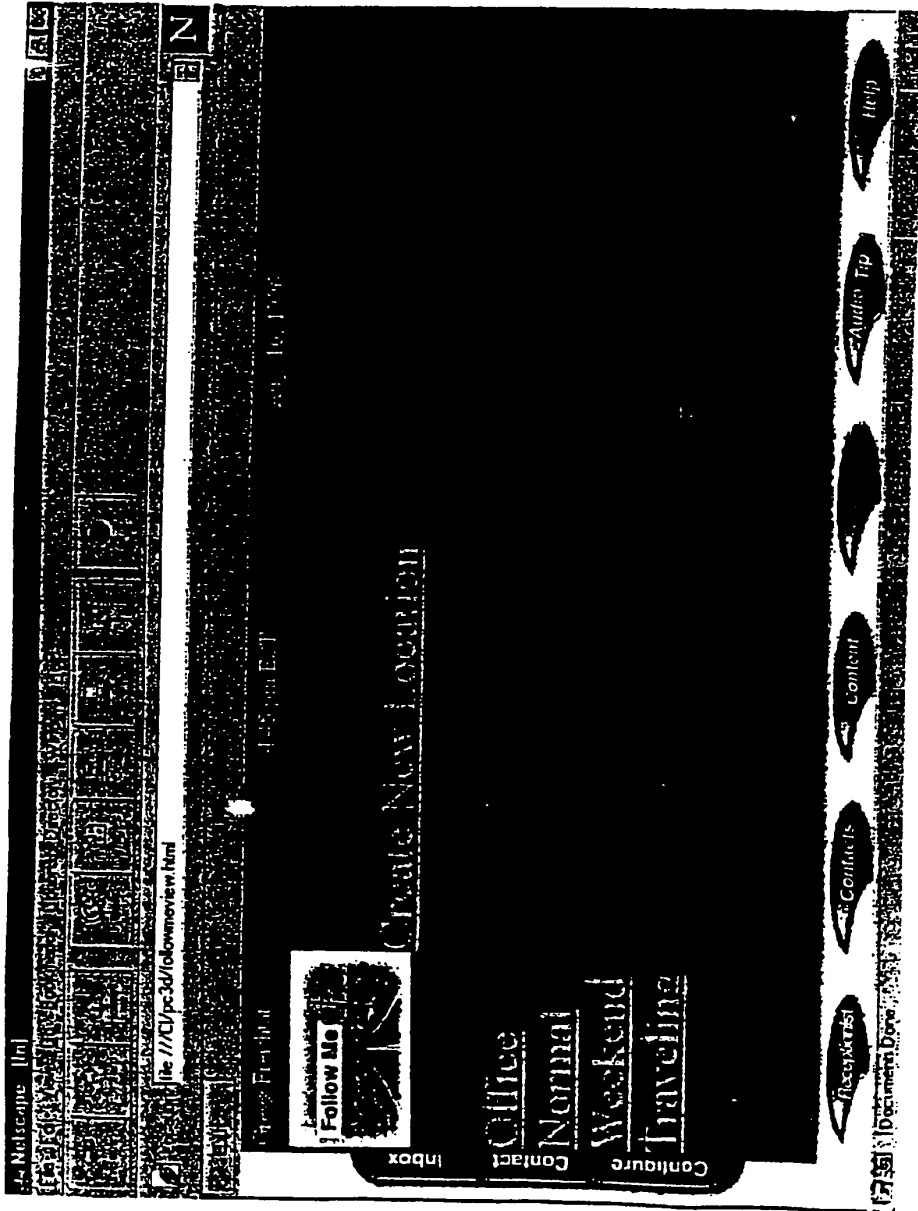


Fig. 13C

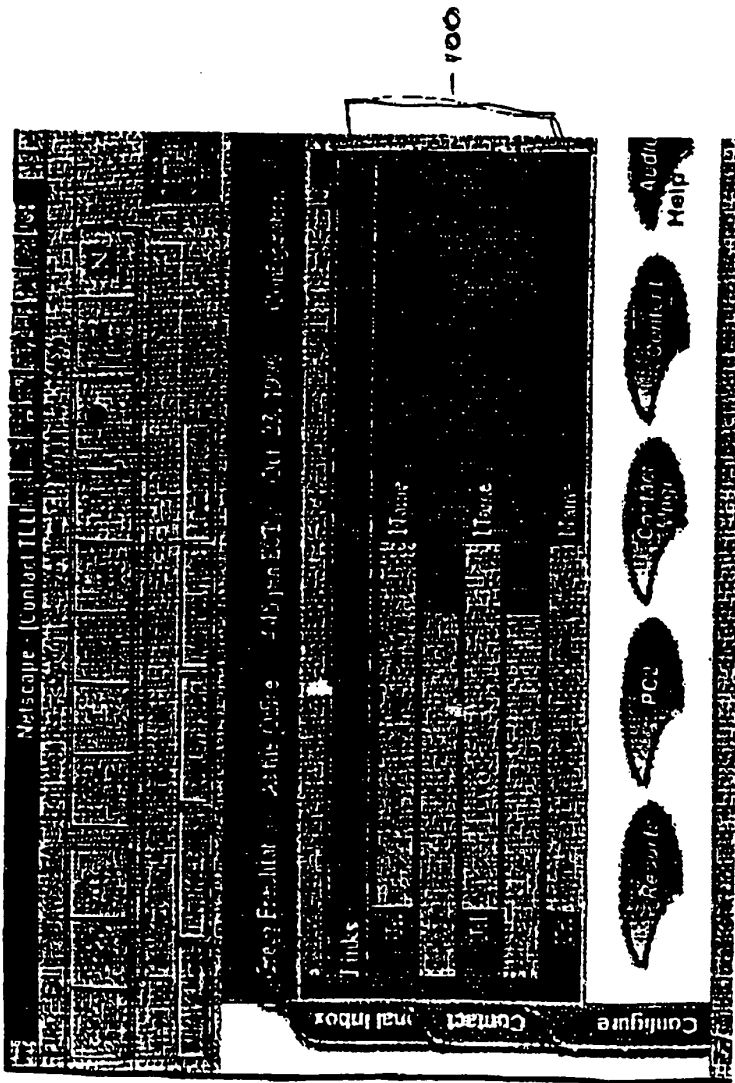


Fig. 14

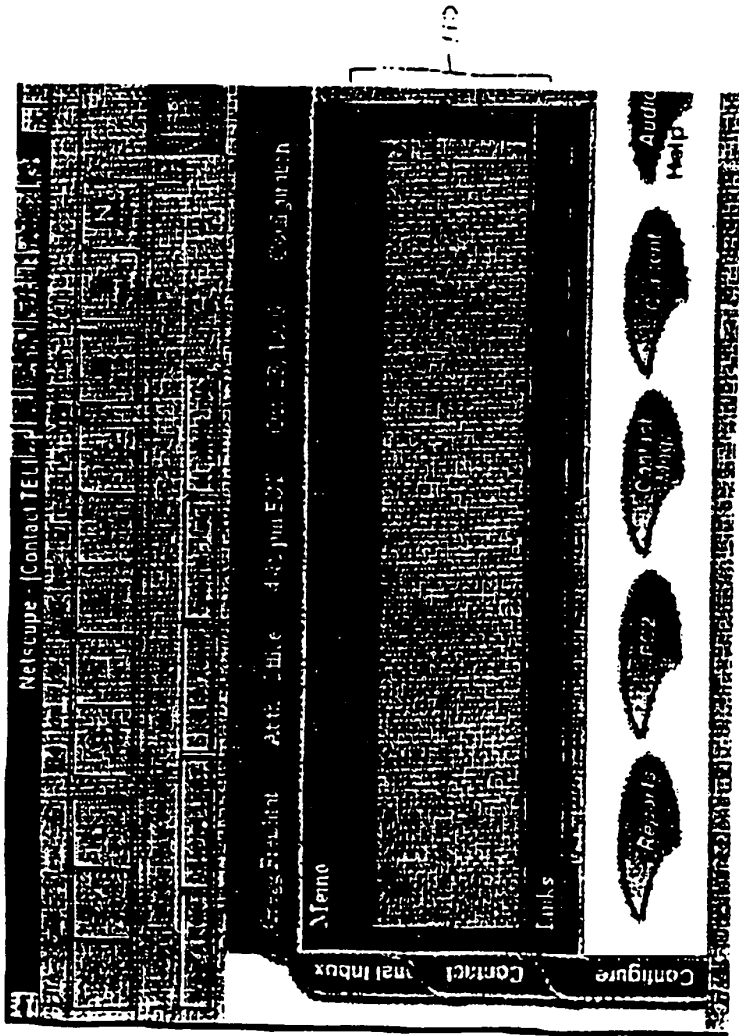


Fig. 15

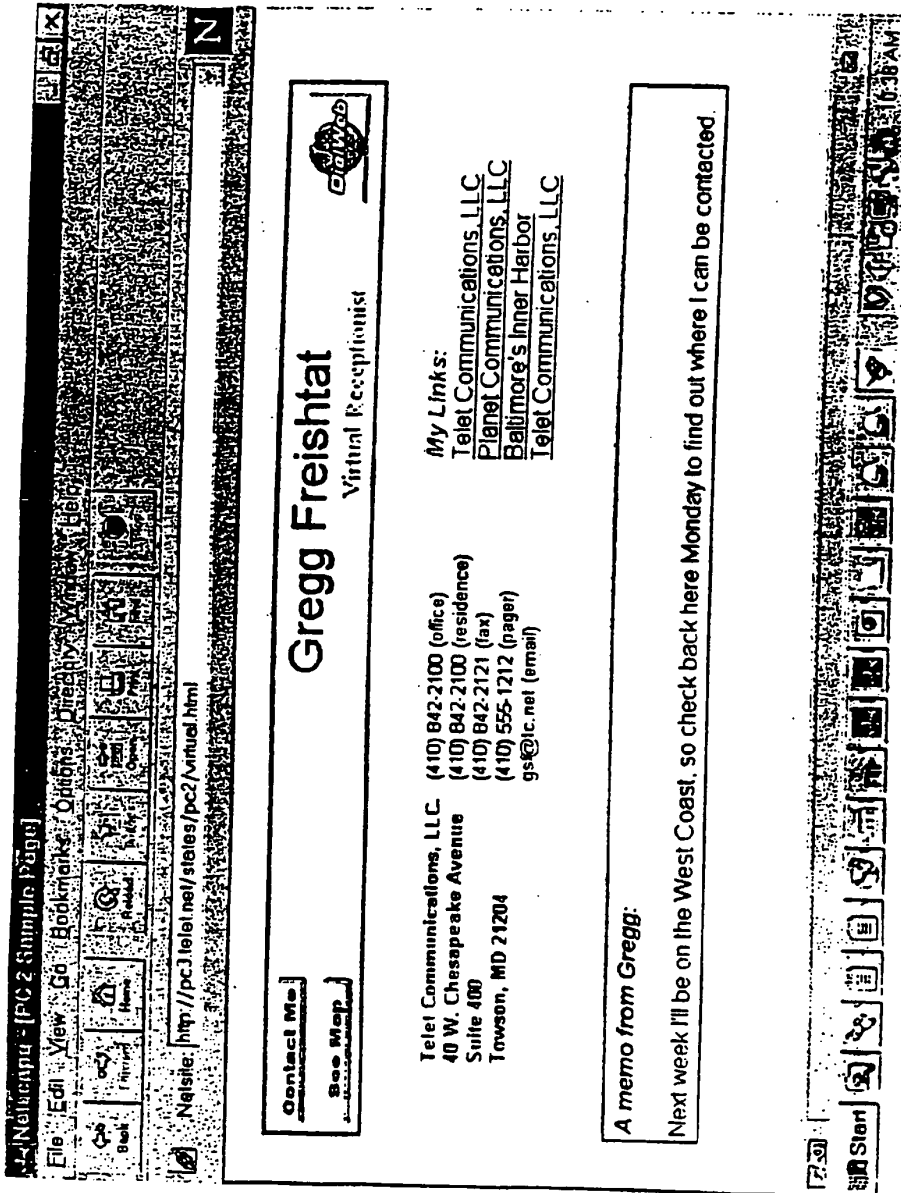


Fig. 16

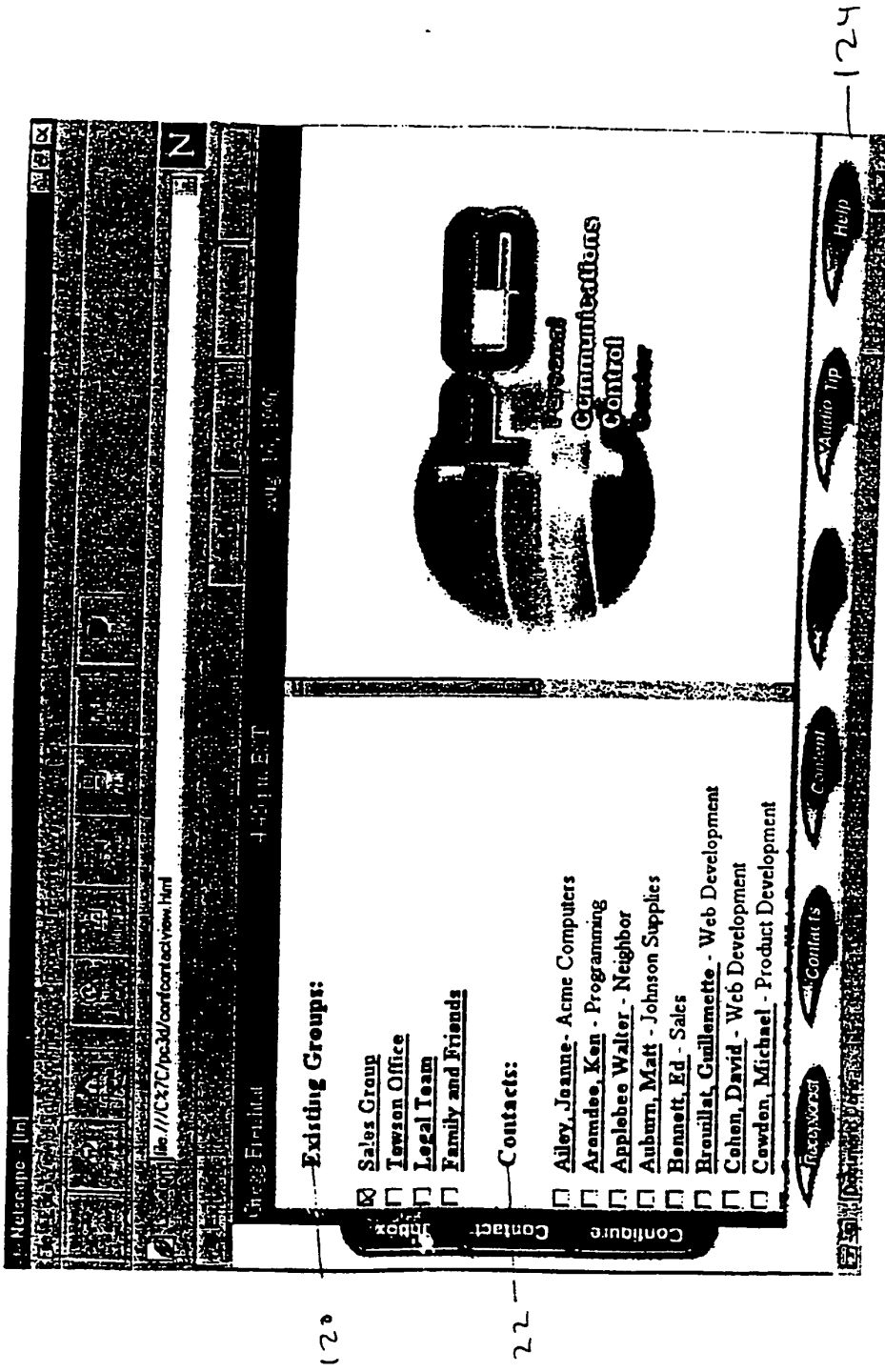


Fig. 17

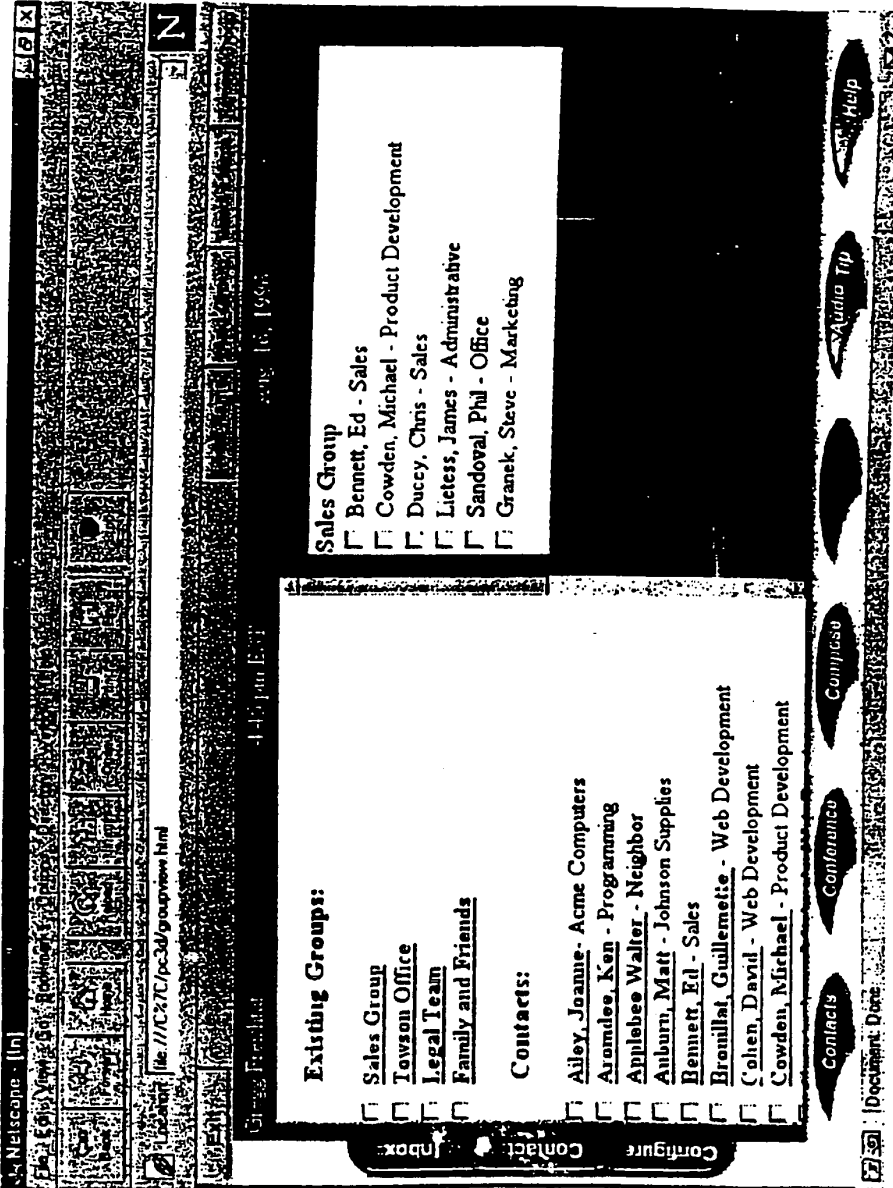


Fig. 17A

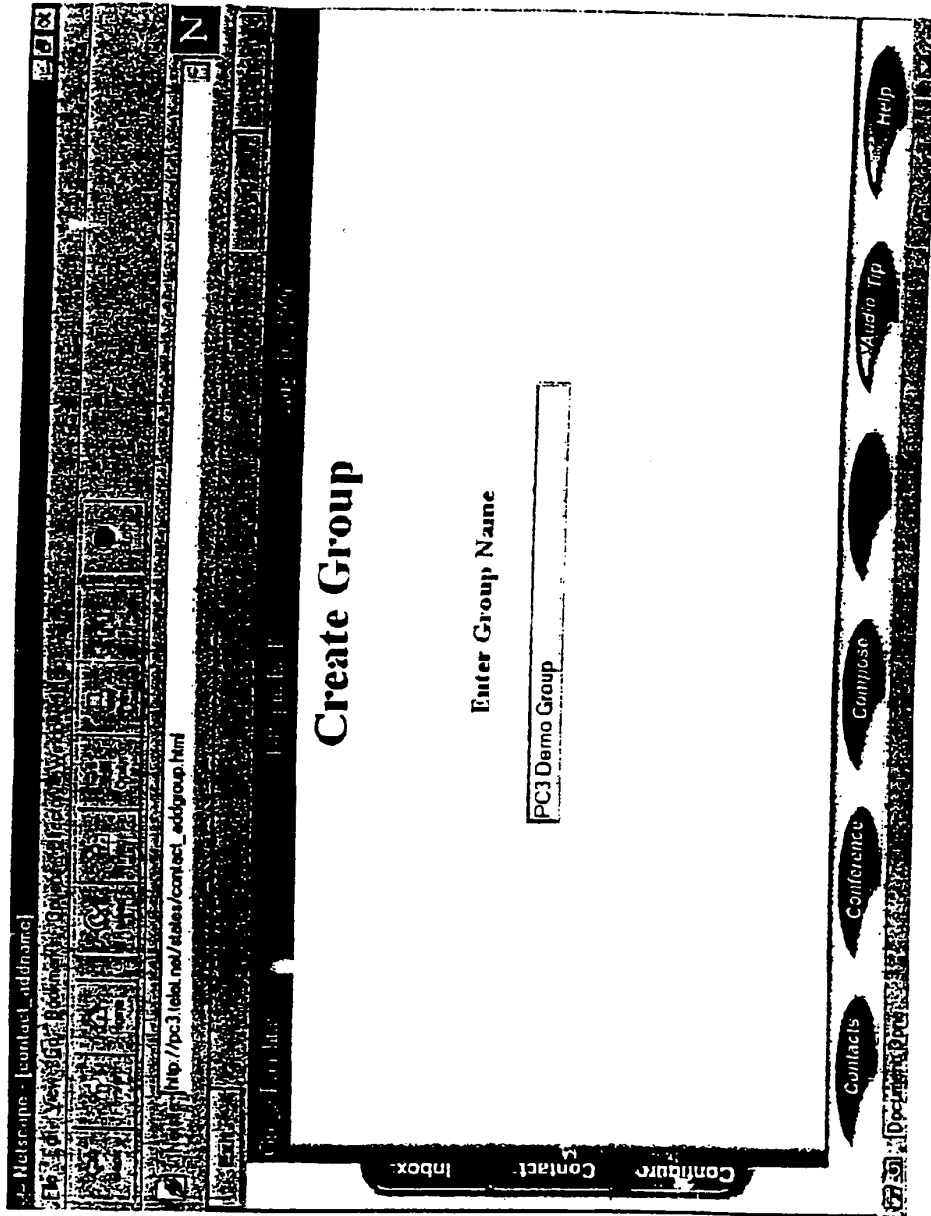


Fig. 17B

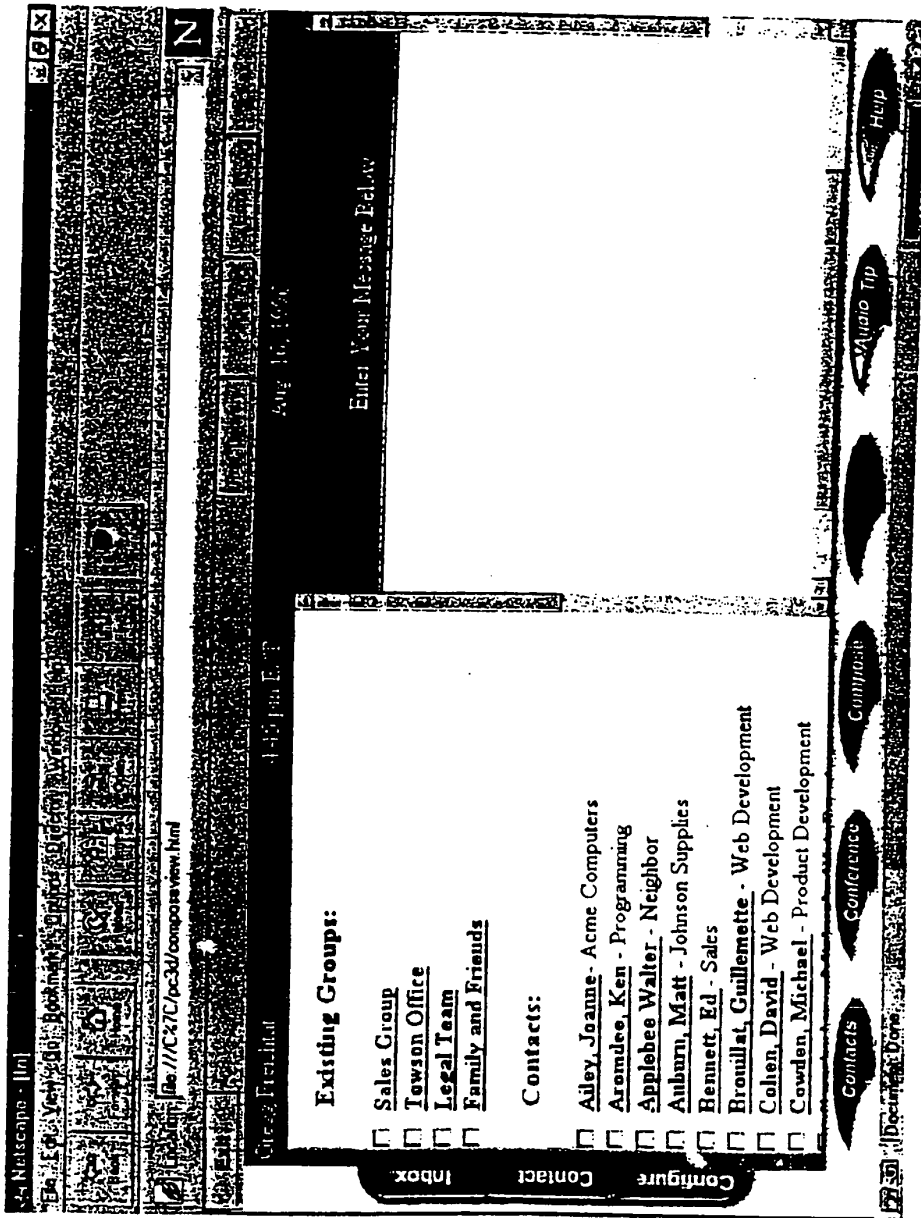
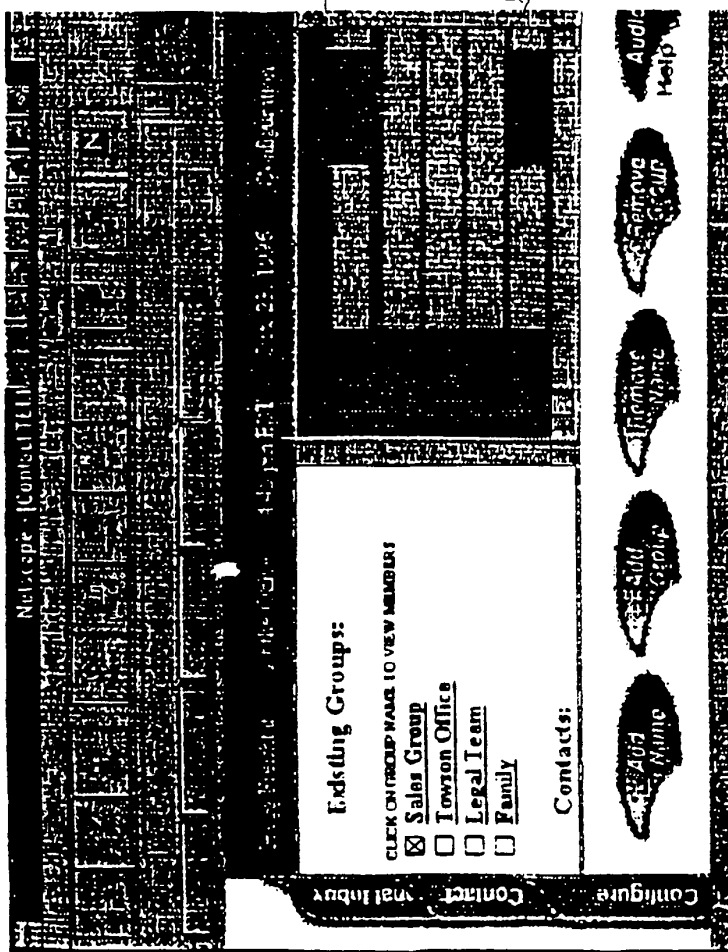


Fig. 17C



130

Fig. 18

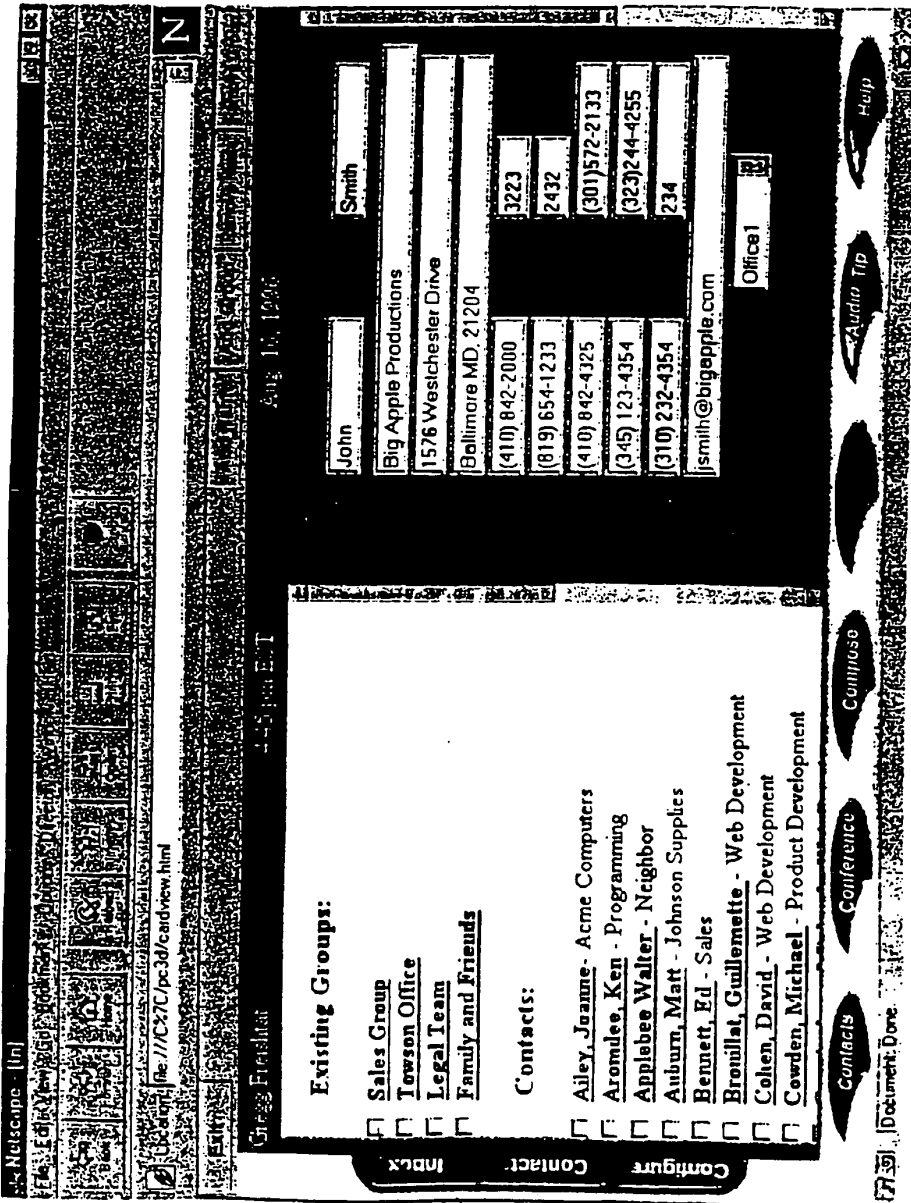


Fig. 19

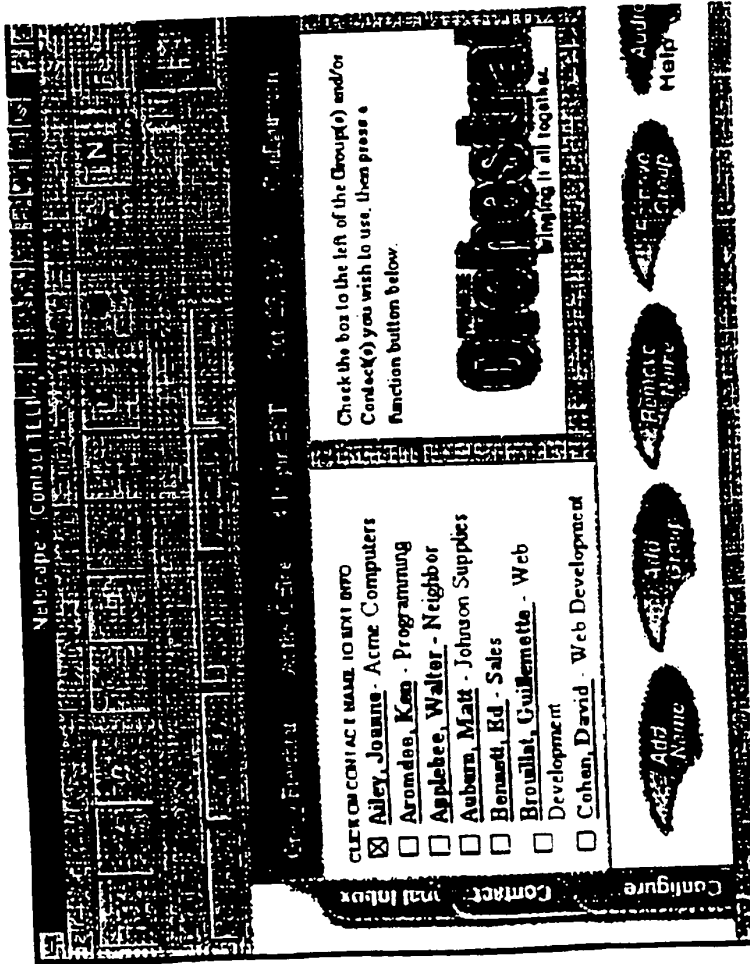


Fig. 20

150

NetScapes - [contact_admin.htm] | File Edit View Favorites Help | http://pc3.teld.net/states/contact_admin.htm

Gregg Frutkin 4:51 pm E.T.

Preferred Delivery: Office1

Notes:

First Name	John
Last Name	Smith
Company	Big Apple Productions
Address	1576 Westchester Drive Baltimore MD, 21204
Office 1	(410) 842-2000 Ext. 3223
Office 2	(819) 654-1233 Ext. 2432
Fax	(410) 842-4325 Home (301) 572-2133
Cell Ph.	(345) 123-4354 Pager (323) 244-4255
V-Mail	(310) 232-4354 Mailbox# 234
E-Mail	jsmith@bigapple.com

Contacts | Document Date | Compose | Conference | Audio Tip | Help

Configure Contact Inbox

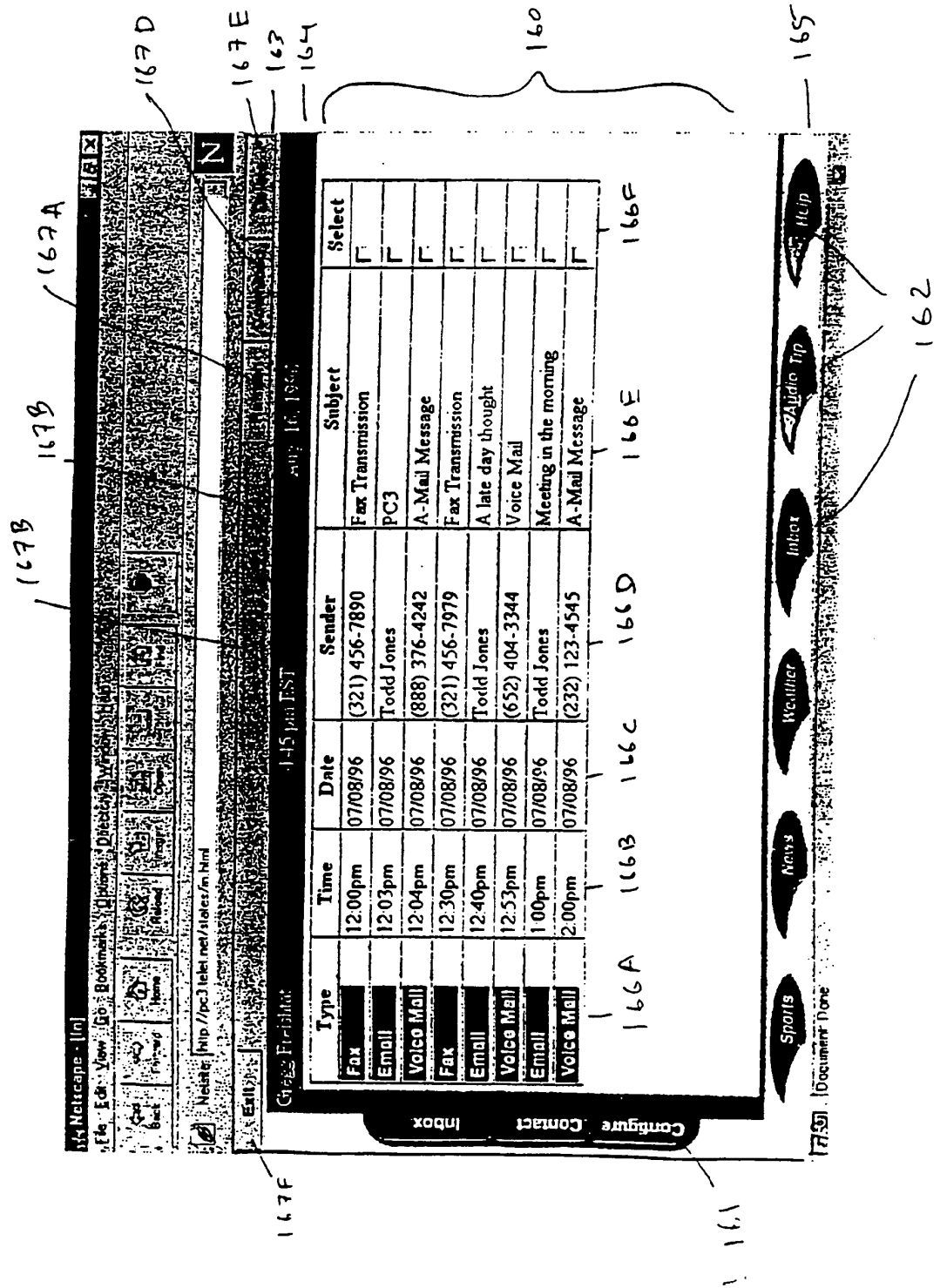


Fig. 21

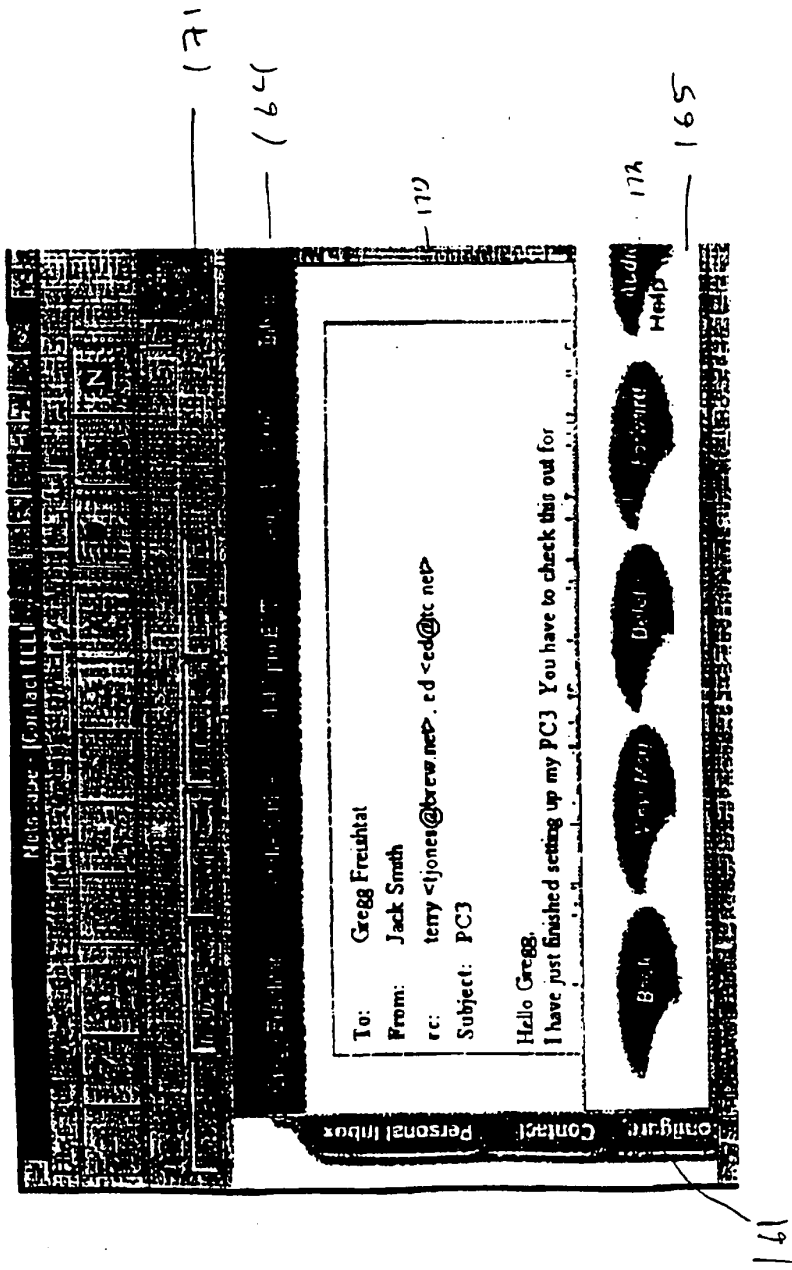


Fig. 22A

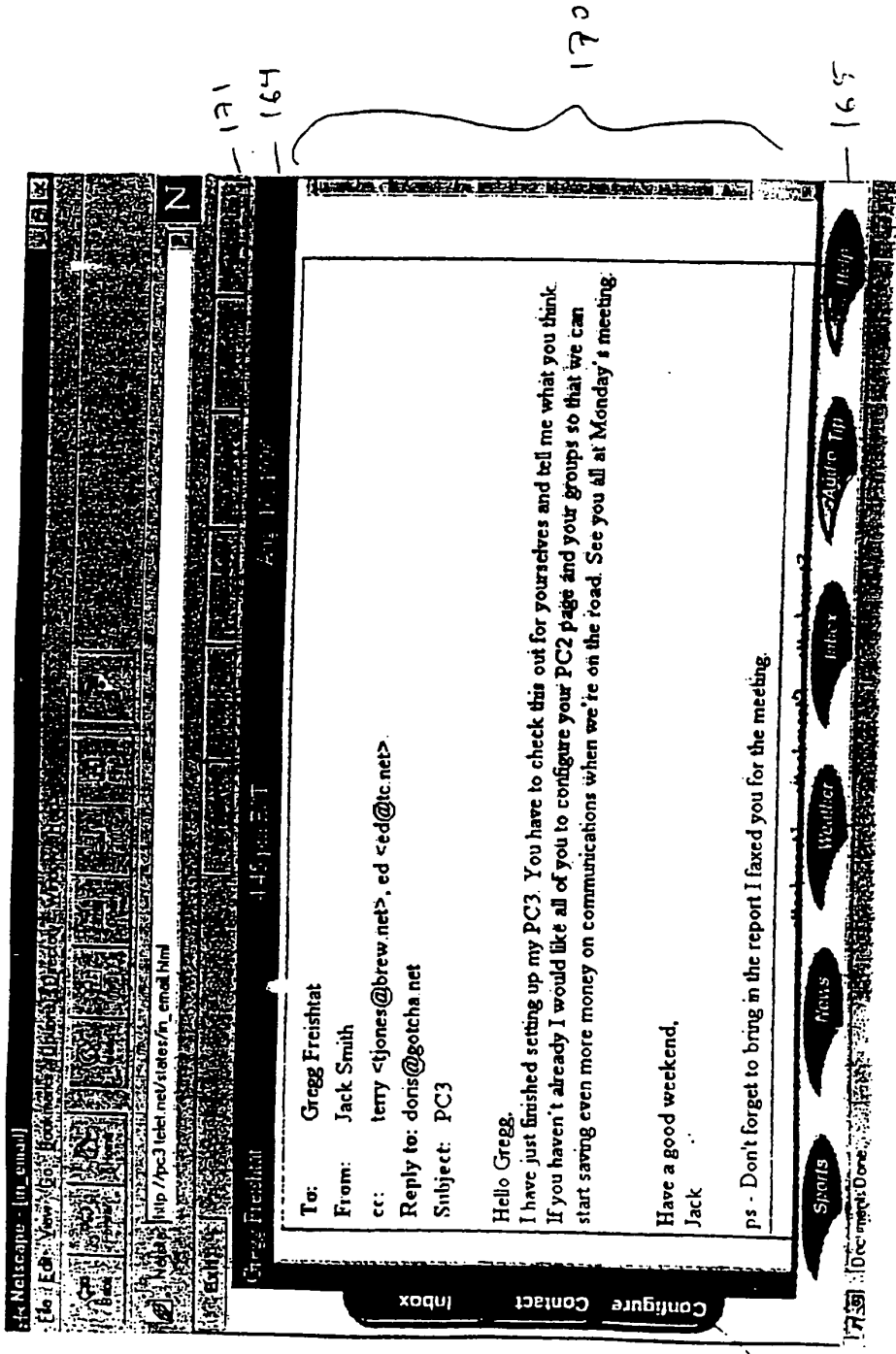


Fig. 22B

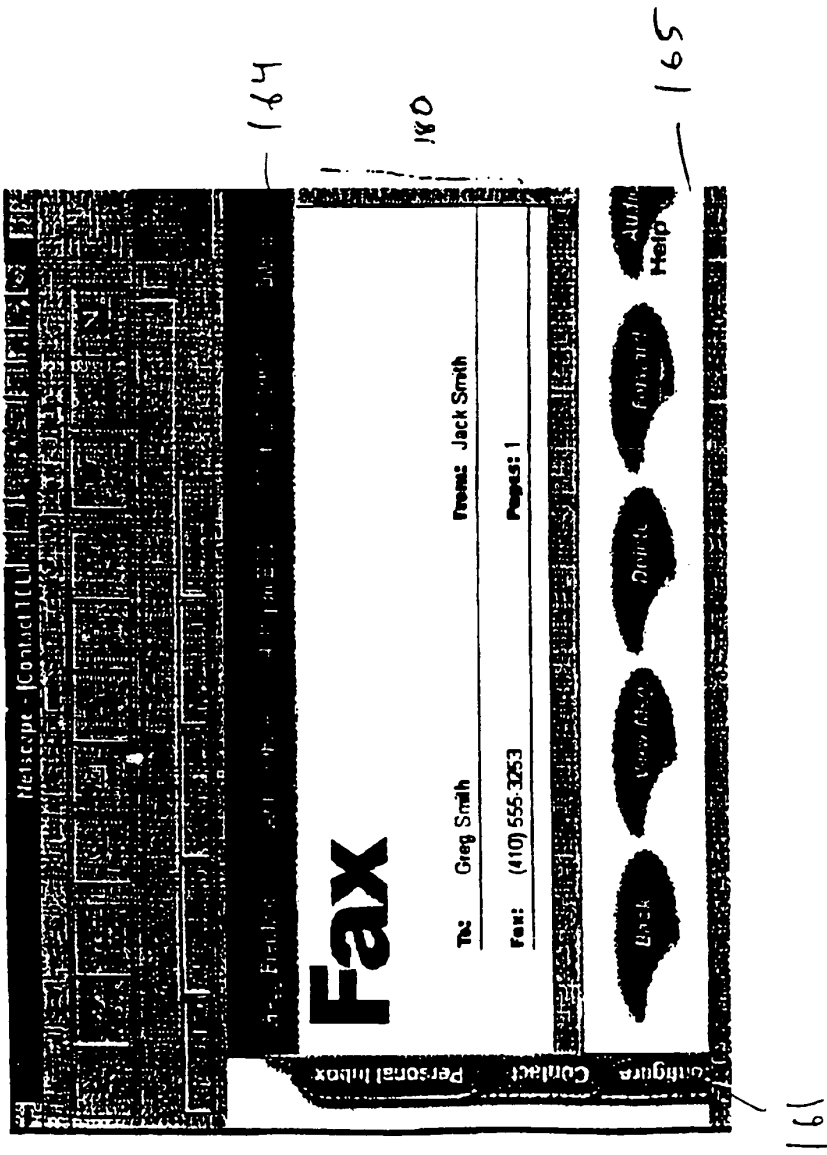


Fig. 23A

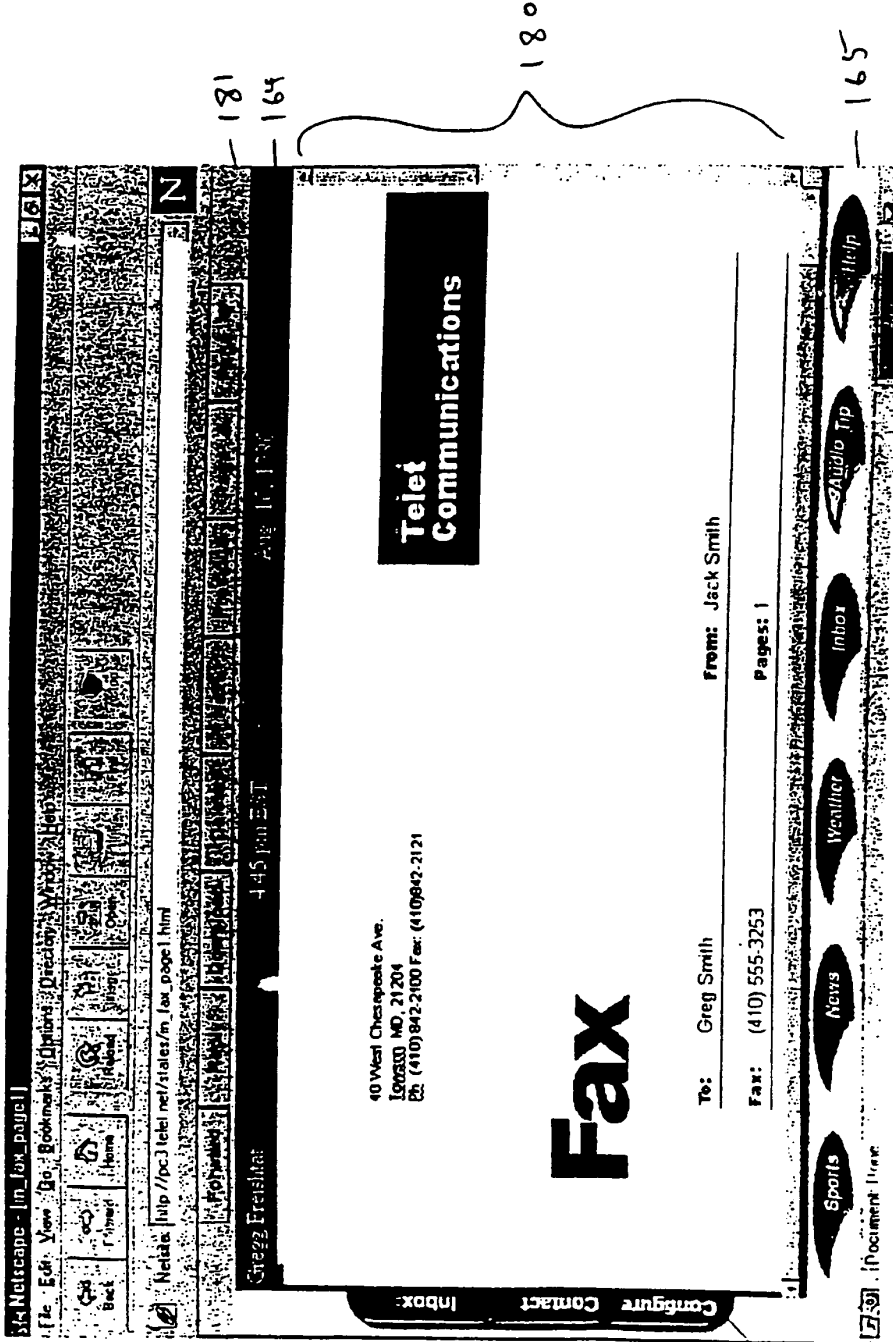


Fig. 23B

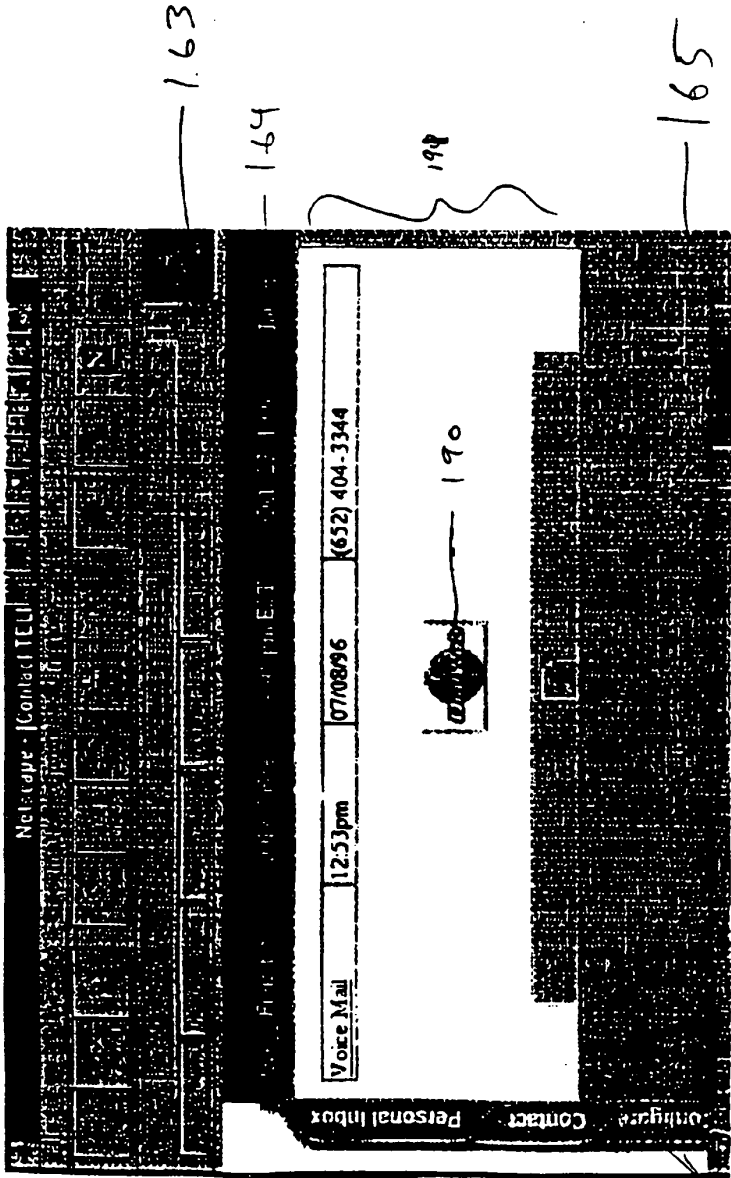


Fig. 24A

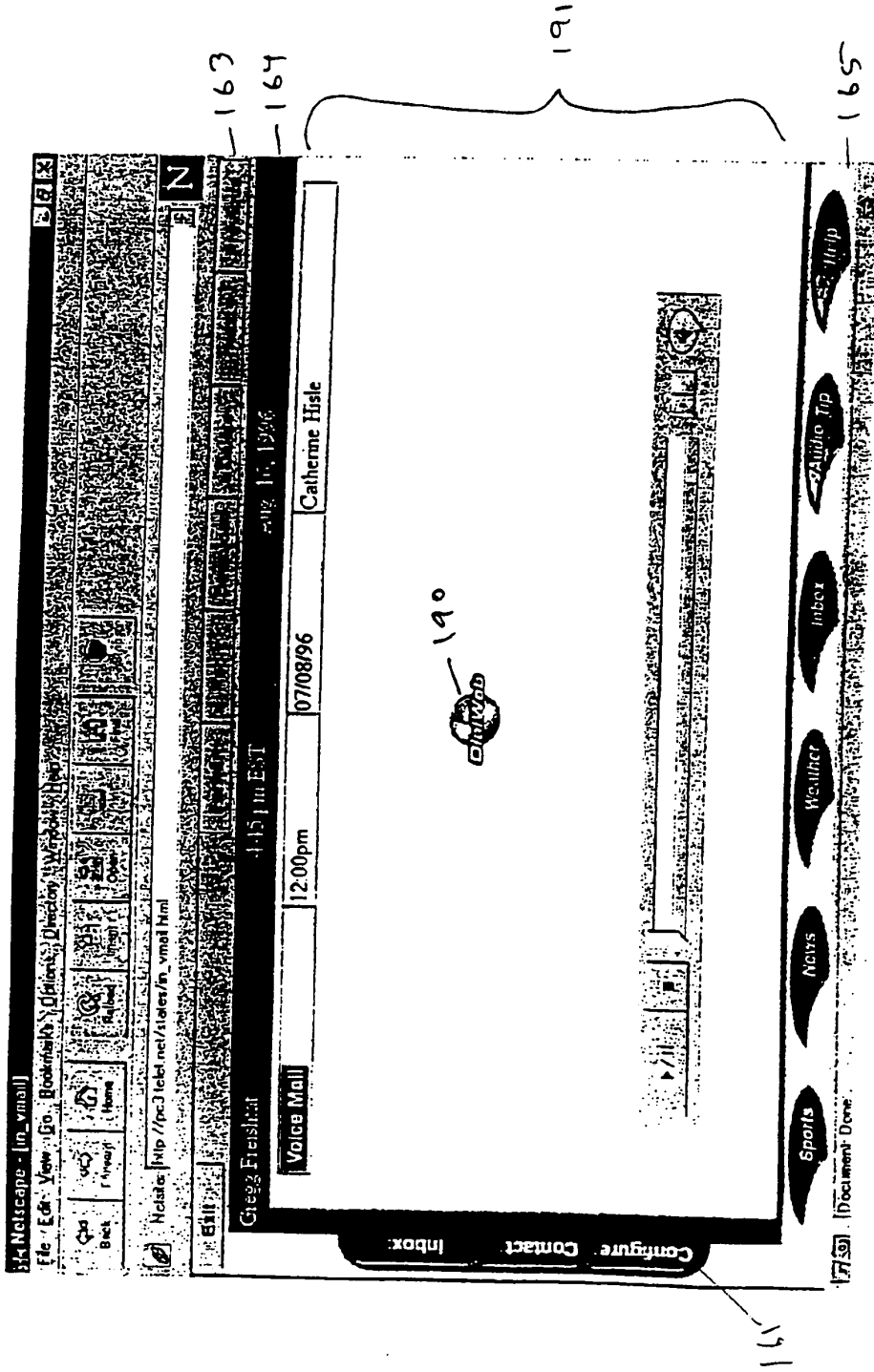


Fig. 24B

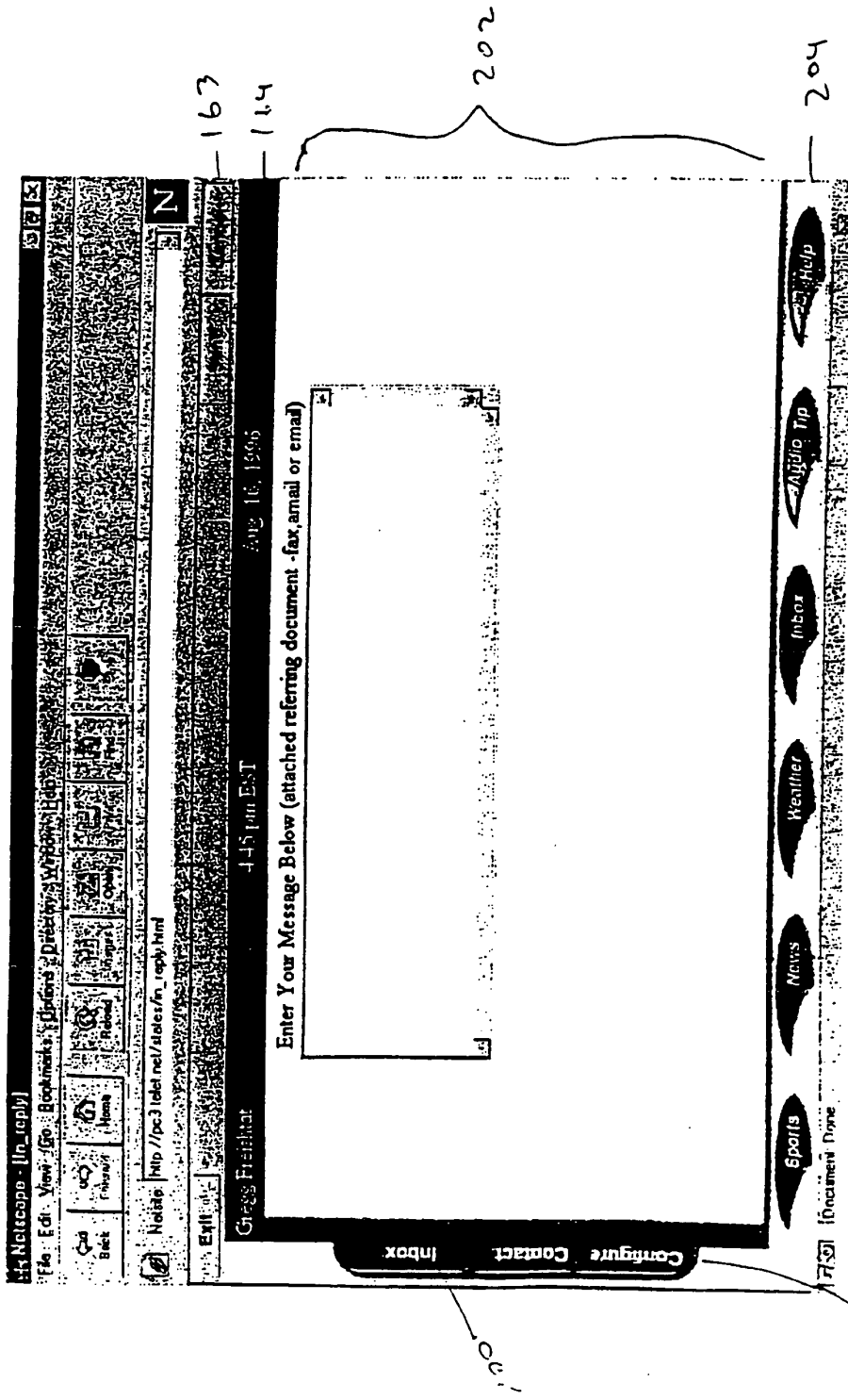


Fig. 25A

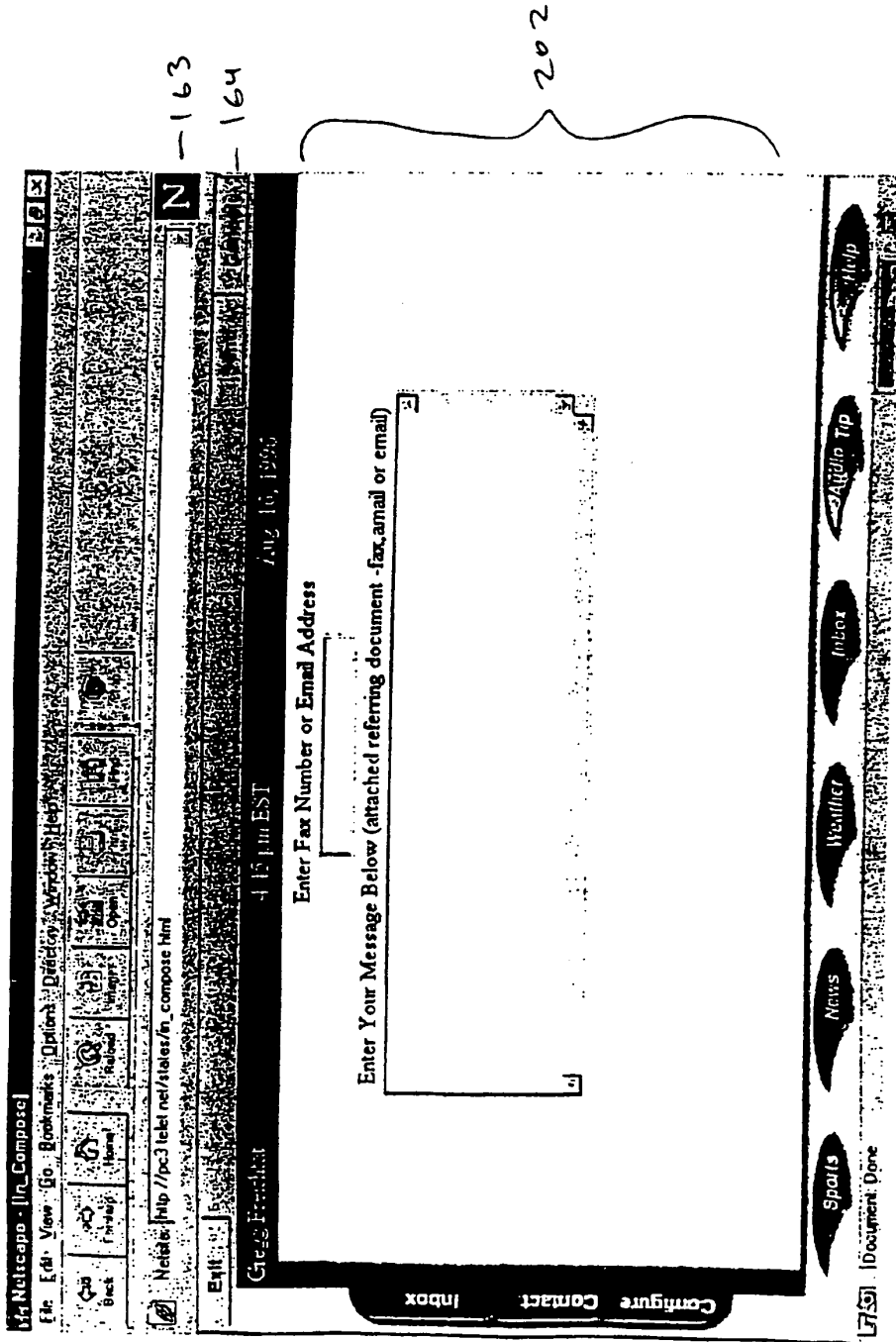


Fig. 25B

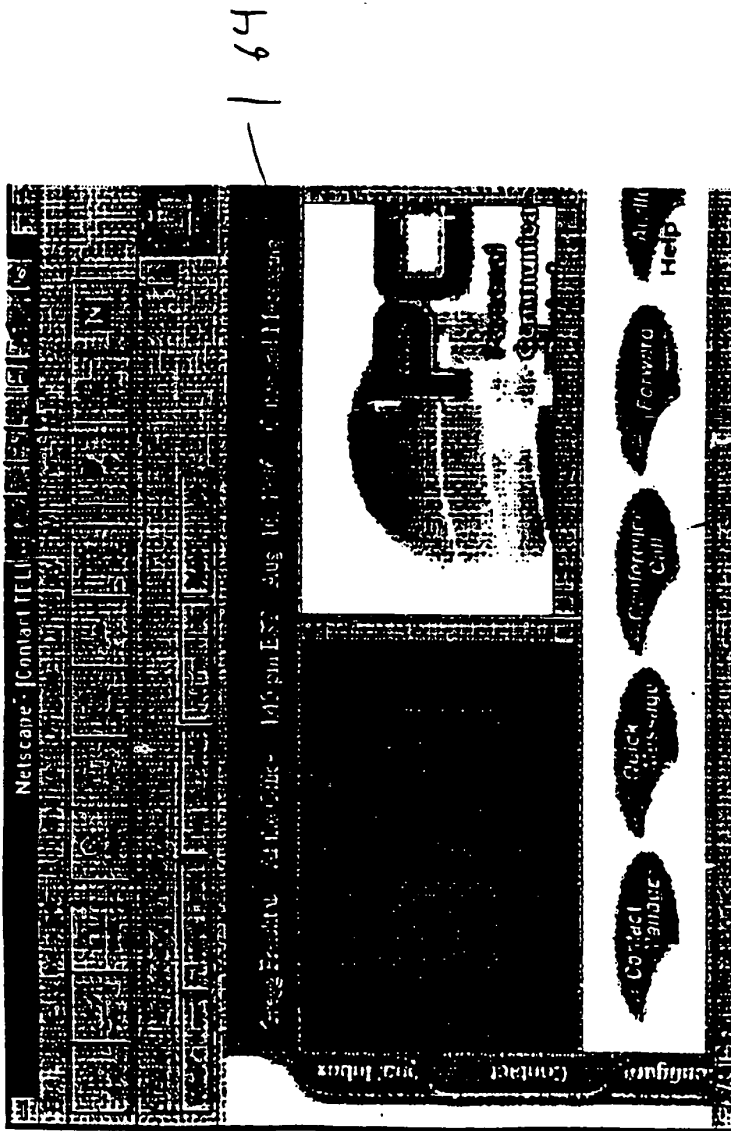


Fig. 26

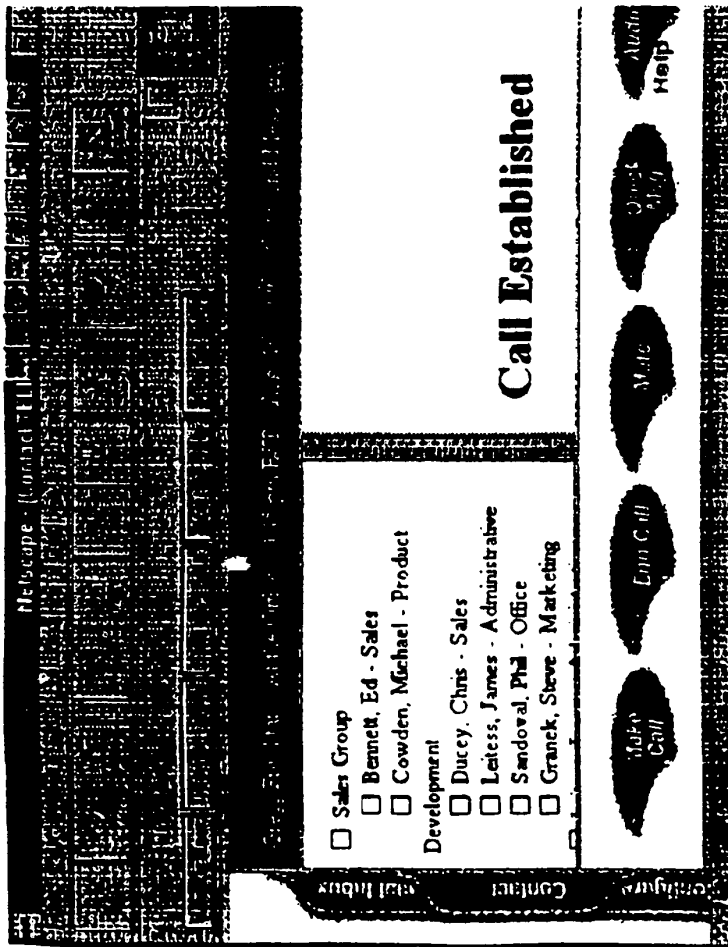


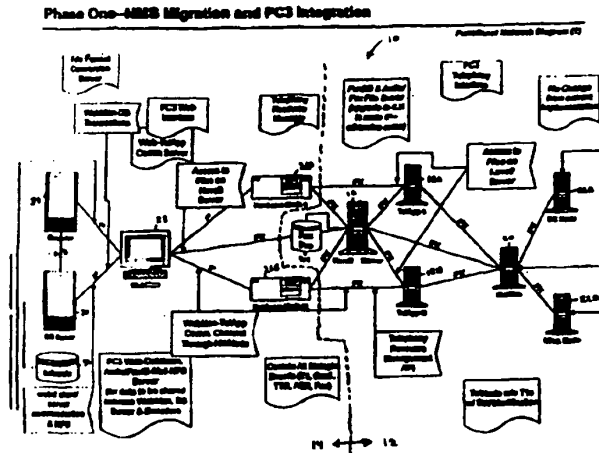
Fig. 27



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification ⁶ : H04L 12/28, 12/56</p>	<p>A3</p>	<p>(11) International Publication Number: WO 98/23058 (43) International Publication Date: 28 May 1998 (28.05.98)</p>
<p>(21) International Application Number: PCT/US97/20986 (22) International Filing Date: 17 November 1997 (17.11.97) (30) Priority Data: 60/031.301 18 November 1996 (18.11.96) US (71) Applicant (for all designated States except US): PREMIERE COMMUNICATIONS, INC. [US/US]; The Lenox Building, Suite 400, 3399 Peachtree Road, Atlanta, GA 30326 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): FREISHTAT, Gregg, S. [US/US]; 2078 Renfroe Lake Drive, Dunwoody, GA 30338 (US). LEITESS, James, K. [US/US]; 929 Highland Terrace N.E., Atlanta, GA 30306 (US). COWDEN, Michael, J. [US/US]; Unit B-317, 1074 Peachtree Walk, Atlanta, GA 30309 (US). SMITH, David, Gregory [US/US]; 1907 Oakmont, Tampa, FL 33629 (US). (74) Agents: PRATT, John, S. et al.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).</p>	<p>(81) Designated States: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, GH, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published - With international search report. - Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</p> <p>(88) Date of publication of the international search report: 3 September 1998 (03.09.98)</p>	

(54) Title: SYSTEM FOR INTEGRATED MANAGEMENT OF MESSAGING AND COMMUNICATIONS



(57) Abstract

System (10) for providing to a user an integrated interface for accessing telephony- and computer network-based communications resources. A user may access the system (10) via telephone (12), computer, modem or Internet (14). The user may access messages addressed to him or her in various media, such as e-mail (36), voice mail, fax, etc. The user may respond to these messages in the same media, or different media, including real-time communications such as direct telephony or conference calling. The interface may also allow the user to present others with a web page (28) which displays information selected by the user. The system may consist of a stand alone system which interfaces with the Internet (14) and the telephony network (12). The system may also be integrated with existing telephony-based communication management infrastructures.

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav Republic of Macedonia	TM	Turkmenistan
BF	Burkina Faso	GR	Greece	ML	Mali	TR	Turkey
BG	Bulgaria	HU	Hungary	MN	Mongolia	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MR	Mauritania	UA	Ukraine
BR	Brazil	IL	Israel	MW	Malawi	UG	Uganda
BY	Belarus	IS	Iceland	MX	Mexico	US	United States of America
CA	Canada	IT	Italy	NE	Niger	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NL	Netherlands	VN	Viet Nam
CC	Congo	KE	Kenya	NO	Norway	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NZ	New Zealand	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's Republic of Korea	PL	Poland		
CM	Cameroon	KR	Republic of Korea	PT	Portugal		
CN	China	KZ	Kazakistan	RO	Romania		
CU	Cuba	LC	Saint Lucia	RU	Russian Federation		
CZ	Czech Republic	LI	Licchtenstein	SD	Sudan		
DE	Germany	LK	Sri Lanka	SE	Sweden		
DK	Denmark	LR	Liberia	SG	Singapore		
EE	Estonia						

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US97/20986

A. CLASSIFICATION OF SUBJECT MATTER IPC(6) :H04L 12/28, 12/56 US CL :370/352 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 370/352, 383, 389, 390, 392, 401, 408, 410; 379/ 89, 90.01, 03.01, 93.07, 93.08, 93.14, 93.29, 100.11, 100.13, 114 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) APS (integrated interface, telephony, computer, communications resources, Internet, e-mail, voice mail, fax, real-time communications)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,771,425 A (BARAN et al) 13 September 1988.	1-83
Y, P	US 5,610,910 A (FOCSANEANU et al) 11 March 1997, col. 2, line 59 to col. 3, line 22; col. 9, lines 14-39; col. 14, lines 13-20	1, 16, 30, 43, 44, 51, 63, 72
Y, P	US 5,608,786 A (GORDON) 04 March 1997, col. 3, lines 9-29; col. 7, lines 51-67.	1, 16, 30, 43, 44, 51, 63, 72
X	YANG, C. INETPhone: Telephone Services and Servers on Internet, RFC 1789, April 1995.	1-83
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *B* earlier document published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art *A* document member of the same patent family		
Date of the actual completion of the international search 09 APRIL 1998		Date of mailing of the international search report 8 JUL 1998
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230		Authorized officer WELLINGTON CHIN Telephone No. (703) 305-3900

Form PCT/ISA/210 (second sheet)(July 1992)*

This Page Blank (uspto)

Electronic Patent Application Fee Transmittal

Application Number:	15269776			
Filing Date:	19-Sep-2016			
Title of Invention:	ACQUIRING INFORMATION FROM SOURCES RESPONSIVE TO NATURALLY-SPOKEN-SPEECH COMMANDS PROVIDED BY A VOICE-ENABLED DEVICE			
First Named Inventor/Applicant Name:	Alexander Kurganov			
Filer:	Reena Kuyper/Kristi LaMont			
Attorney Docket Number:	10115-05709 US			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
SUBMISSION- INFORMATION DISCLOSURE STMT	2806	1	120	120
Total in USD (\$)				120

Electronic Acknowledgement Receipt

EFS ID:	33577409
Application Number:	15269776
International Application Number:	
Confirmation Number:	2723
Title of Invention:	ACQUIRING INFORMATION FROM SOURCES RESPONSIVE TO NATURALLY-SPOKEN-SPEECH COMMANDS PROVIDED BY A VOICE-ENABLED DEVICE
First Named Inventor/Applicant Name:	Alexander Kurganov
Customer Number:	93219
Filer:	Reena Kuyper/Kristi LaMont
Filer Authorized By:	Reena Kuyper
Attorney Docket Number:	10115-05709 US
Receipt Date:	29-AUG-2018
Filing Date:	19-SEP-2016
Time Stamp:	16:18:22
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$120
RAM confirmation Number	083018INTEFSW16203000
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	05709US_20180829_IDS.pdf	44257 b2bb62fda71633a25e13435adc539c494369fe15	no	3
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
2	Foreign Reference	05709US_WO9737481.pdf	889186 acb8f28b80528b3309a89b105ade2557f5de2270	no	26
Warnings:					
Information:					
3	Foreign Reference	05709US_WO9823058.pdf	3601176 6ff40b96ac92febcbf685799522f32e8a24ff6a8b	no	110
Warnings:					
Information:					
4	Non Patent Literature	05709US_JudgmentwithoutOpinion.pdf	39709 ae70db2b2405895fc0fac6311994a25861bb7fa4	no	2
Warnings:					
Information:					
5	Non Patent Literature	05709US_Juggler2.pdf	46489 d23bb09ff6c0254aa18a5b95867a8bb02f6c0bd8	no	1
Warnings:					
Information:					
6	Non Patent Literature	05709US_Juggler3.pdf	49817 129309bcdeb9a91efbb53074de0e74491ef31f94	no	1
Warnings:					

Information:					
7	Non Patent Literature	05709US_PlfParusHoldingsSup pResptoDefWebTelephone1stS etofRogs1317.pdf	44733 51a816e7be0b5db5a3b1507ae413df5fd20 f6541	no	1
Warnings:					
Information:					
8	Non Patent Literature	05709US_SurfingtheWebbyVoi ce.pdf	234829 17f4854e0ab43396abc191f12f3dc2b59cf6 5a6b	no	8
Warnings:					
Information:					
9	Fee Worksheet (SB06)	fee-info.pdf	30649 1f2984d9427e27e6d1abecf70bf12a1aa7f4 db58	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			4980845		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 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: Use Block 1 for any change of address)

93219 7590 05/29/2018
 Patent Law Works, LLP
 310 East 4500 South, Suite 400
 Salt Lake City, UTAH 84107
 UNITED STATES OF AMERICA

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 Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/269,776	09/19/2016	Alexander Kurganov	10115-05709 US	2723

TITLE OF INVENTION: ROBUST VOICE BROWSER SYSTEM AND VOICE ACTIVATED DEVICE CONTROLLER

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1000	\$0.00	\$0.00	\$1000	08/29/2018

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHAWAN, VIJAY B	2658	704-275000

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "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.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,</p> <p>(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.</p>
---	--

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. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE Parus Holdings, Inc.	(B) RESIDENCE: (CITY and STATE OR COUNTRY) Bannockburn, Illinois
---	--

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

<p>4a. The following fee(s) are submitted:</p> <p><input checked="" type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fees(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input checked="" type="checkbox"/> Payment by credit card. XXXXXXXXXXXX</p> <p><input type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
--	--

5. Change in Entity Status (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature <u>Reena Kuyper/</u>	Date <u>08/29/2018</u>
Typed or printed name <u>Reena Kuyper</u>	Registration No. <u>33,830</u>

Electronic Patent Application Fee Transmittal

Application Number:	15269776				
Filing Date:	19-Sep-2016				
Title of Invention:	ACQUIRING INFORMATION FROM SOURCES RESPONSIVE TO NATURALLY-SPOKEN-SPEECH COMMANDS PROVIDED BY A VOICE-ENABLED DEVICE				
First Named Inventor/Applicant Name:	Alexander Kurganov				
Filer:	Reena Kuyper/Kristi LaMont				
Attorney Docket Number:	10115-05709 US				
Filed as Small Entity					
Filing Fees for Utility under 35 USC 111(a)					
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)	
Basic Filing:					
Pages:					
Claims:					
Miscellaneous-Filing:					
Petition:					
Patent-Appeals-and-Interference:					
Post-Allowance-and-Post-Issuance:					
UTILITY APPL ISSUE FEE	2501	1	500	500	

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				500

Electronic Acknowledgement Receipt

EFS ID:	33577541
Application Number:	15269776
International Application Number:	
Confirmation Number:	2723
Title of Invention:	ACQUIRING INFORMATION FROM SOURCES RESPONSIVE TO NATURALLY-SPOKEN-SPEECH COMMANDS PROVIDED BY A VOICE-ENABLED DEVICE
First Named Inventor/Applicant Name:	Alexander Kurganov
Customer Number:	93219
Filer:	Reena Kuyper/Kristi LaMont
Filer Authorized By:	Reena Kuyper
Attorney Docket Number:	10115-05709 US
Receipt Date:	29-AUG-2018
Filing Date:	19-SEP-2016
Time Stamp:	16:24:15
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$500
RAM confirmation Number	083018INTEFSW16243900
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

--	--	--	--	--	--

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	05709US_20180829_IssueFeeT ransmittal.pdf	178863 6b573132ef4eb2627329a93bd3f9a9f4009e d6c2	no	1

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30441 6a1f69222b7451c1952b19a2544ca15bf16e de00	no	2
---	----------------------	--------------	---	----	---

Warnings:

Information:

Total Files Size (in bytes):	209304
-------------------------------------	--------

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/269,776	09/19/2016	Alexander Kurganov	10115-05709 US	2723
93219	7590	07/27/2018	EXAMINER	
Patent Law Works, LLP 310 East 4500 South, Suite 400 Salt Lake City, UTAH 84107 UNITED STATES OF AMERICA			CHAWAN, VIJAY B	
			ART UNIT	PAPER NUMBER
			2658	
			NOTIFICATION DATE	DELIVERY MODE
			07/27/2018	ELECTRONIC

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

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@patentlawworks.net
patents@patentlawworks.net

Corrected Notice of Allowability	Application No. 15/269,776	Applicant(s) Kurganov, Alexander	
	Examiner VIJAY B CHAWAN	Art Unit 2658	AIA Status No

-- 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 Applicant filed IDS filed 7/17/18.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. The allowed claim(s) is/are 1-7,14-22 and 29-40 . As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information , please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- 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: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file areply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.


THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. 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 type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____. | 6. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material _____. | 7. <input type="checkbox"/> Other _____. |
| 4. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date. _____. | |

/VIJAY B CHAWAN/
Primary Examiner, Art Unit 2658

<i>Search Notes</i> 	Application/Control No. 15/269,776	Applicant(s)/Patent Under Reexamination Kurganov, Alexander
	Examiner VIJAY B CHAWAN	Art Unit 2658

CPC - Searched*		
Symbol	Date	Examiner
G10L 15/26, 15/265, 15/22, 15/222, 25/48	12-8-16	vbc
H04M 2201/40, 3/4938, 2201/39, 2203/609, 3/382, 2201/60, 2203/105	12-8-16	vbc
G06F 3/16, 17/30873, 2216/15	vbc	12-8-16


CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
704	270.1, 275, 200, 270, 246, 272	vbc	12-8-16
379	88.17, 88.01	vbc	12-8-16
707	707, 999.01, 999.101, 999.102	vbc	12-8-16
709	205, 219, 227	vbc	12-8-16
713	168, 182, 186	vbc	12-8-16
715	733	vbc	12-8-16
719	310	vbc	12-8-16
726	3	vbc	12-8-16

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.


Search Notes		
Search Notes	Date	Examiner
See attached PLUS and WEST searches	vbc	12-8-16
See attached updated WEST search	vbc	4-1-17
See attached updated WEST search	vbc	9-15-17
See attached updated WEST search	05/22/2018	vbc

--	--

<i>Search Notes</i> 	Application/Control No. 15/269,776	Applicant(s)/Patent Under Reexamination Kurganov, Alexander
	Examiner VIJAY B CHAWAN	Art Unit 2658

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	See attached interference search	05/22/2018	vbc


--	--

Issue Classification 	Application/Control No. 15/269,776	Applicant(s)/Patent Under Reexamination Kurganov, Alexander
	Examiner VIJAY B CHAWAN	Art Unit 2658

CPC						
Symbol					Type	Version
G10L	/	15	/	30	F	2013-01-01
G10L	/	15	/	187	I	2013-01-01
G10L	/	15	/	22	I	2013-01-01
G10L	/	2015	/	223	A	2013-01-01
G10L	/	2015	/	228	A	2013-01-01

CPC Combination Sets				
Symbol	Type	Set	Ranking	Version
/	/			

NONE	Total Claims Allowed:	
(Assistant Examiner)	(Date)	28
/VIJAY B CHAWAN/ Primary Examiner, Art Unit 2658	23 July 2018	O.G. Print Claim(s) 1
(Primary Examiner)	(Date)	O.G. Print Figure 4


Issue Classification 	Application/Control No. 15/269,776	Applicant(s)/Patent Under Reexamination Kurganov, Alexander
	Examiner VIJAY B CHAWAN	Art Unit 2658

INTERNATIONAL CLASSIFICATION	
CLAIMED	
G10L	21 00
NON-CLAIMED	

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS
704	270.1

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
704	275	270	246	272		
379	88.17	88.01				
715	733					
709	205	219	227			
707	707	999.01	999.101			


NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	28	
/VIJAY B CHAWAN/ Primary Examiner, Art Unit 2658	23 July 2018	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	4

Issue Classification 	Application/Control No. 15/269,776	Applicant(s)/Patent Under Reexamination Kurganov, Alexander
	Examiner VIJAY B CHAWAN	Art Unit 2658

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1		10	18	19		28	25	37						
2	2		11	19	20	22	29	26	38						
3	3		12	20	21	23	30	27	39						
4	4		13	21	22	10	31	28	40						
5	5	8	14		23	11	32								
6	6	9	15		24	12	33								
7	7	15	16		25	13	34								
	8	16	17		26	14	35								
	9	17	18		27	24	36								

NONE	Total Claims Allowed:	
(Assistant Examiner)	(Date)	28
/VIJAY B CHAWAN/ Primary Examiner, Art Unit 2658	23 July 2018	O.G. Print Claim(s)
(Primary Examiner)	(Date)	O.G. Print Figure
		1 4

<i>Index of Claims</i> 	Application/Control No. 15/269,776	Applicant(s)/Patent Under Reexamination Kurganov, Alexander
	Examiner VIJAY B CHAWAN	Art Unit 2658

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

CLAIMS										
<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant <input type="checkbox"/> CPA <input type="checkbox"/> T.D. <input type="checkbox"/> R.1.47										
CLAIM		DATE								
Final	Original	12/08/2016	04/01/2017	09/15/2017	05/22/2018					
1	1	✓	✓	✓	=					
2	2	✓	✓	✓	=					
3	3	✓	✓	✓	=					
4	4	✓	✓	✓	=					
5	5	✓	✓	✓	=					
6	6	✓	✓	✓	=					
7	7	✓	✓	✓	=					
	8	✓	-	-	-					
	9	✓	-	-	-					
	10	✓	-	-	-					
	11	✓	-	-	-					
	12	✓	-	-	-					
	13	✓	-	-	-					
8	14	✓	✓	✓	=					
9	15	✓	✓	✓	=					
15	16	✓	✓	✓	=					
16	17	✓	✓	✓	=					
17	18	✓	✓	✓	=					
18	19	✓	✓	✓	=					
19	20	✓	✓	✓	=					
20	21	✓	✓	✓	=					
21	22	✓	✓	✓	=					
	23	✓	-	-	-					
	24	✓	-	-	-					
	25	✓	-	-	-					
	26	✓	-	-	-					
	27	✓	-	-	-					
	28	✓	-	-	-					
22	29	✓	-	-	-					
23	30	✓	✓	✓	=					
10	31		✓	✓	=					
11	32		✓	✓	=					
12	33		✓	✓	=					
13	34		✓	✓	=					
14	35		✓	✓	=					
24	36		✓	✓	=					
25	37		✓	✓	=					
26	38		✓	✓	=					
27	39		✓	✓	=					
28	40		✓	✓	=					

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (02-18)
 Approved for use through 11/30/2020. OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15269776
	Filing Date	2016-09-19
	First Named Inventor	Alexander Kurganov
	Art Unit	2658
	Examiner Name	Vijay B. Chawan
	Attorney Docket Number	10115-05709 US

U.S.PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
/V.B.C/	1	9377992		2016-06-28	Kurganov		
/V.B.C/	2	9769314		2017-09-19	Kurganov		

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS							Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
/V.B.C/	1	20180007201		2018-01-04	Kurganov		

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS								Remove
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²ⁱ	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button. Add

NON-PATENT LITERATURE DOCUMENTS								Remove
---------------------------------	--	--	--	--	--	--	--	--------

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		15269776
	Filing Date		2016-09-19
	First Named Inventor	Alexander Kurganov	
	Art Unit	2658	
	Examiner Name	Vijay B. Chawan	
	Attorney Docket Number	10115-05709 US	

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/VIJAY B CHAWAN/	Date Considered	07/23/2018
--------------------	------------------	-----------------	------------

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

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15269776
	Filing Date	2016-09-19
	First Named Inventor	Alexander Kurganov
	Art Unit	2658
	Examiner Name	Vijay B. Chawan
	Attorney Docket Number	10115-05709 US

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Reena Kuyper/	Date (YYYY-MM-DD)	2018-07-17
Name/Print	Reena Kuyper	Registration Number	33,380

This collection of information is required by 37 CFR 1.97 and 1.98. 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 1 hour 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, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15269776
	Filing Date	2016-09-19
	First Named Inventor	Alexander Kurganov
	Art Unit	2658
	Examiner Name	Vijay B. Chawan
	Attorney Docket Number	10115-05709 US

U.S.PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
	1	9377992		2016-06-28	Kurganov		
	2	9769314		2017-09-19	Kurganov		

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS							Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
	1	20180007201		2018-01-04	Kurganov		

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS								Remove
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²ⁱ	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button. Add

NON-PATENT LITERATURE DOCUMENTS								Remove
---------------------------------	--	--	--	--	--	--	--	--------

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15269776
	Filing Date	2016-09-19
	First Named Inventor	Alexander Kurganov
	Art Unit	2658
	Examiner Name	Vijay B. Chawan
	Attorney Docket Number	10115-05709 US

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

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

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15269776
	Filing Date	2016-09-19
	First Named Inventor	Alexander Kurganov
	Art Unit	2658
	Examiner Name	Vijay B. Chawan
	Attorney Docket Number	10115-05709 US

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Reena Kuyper/	Date (YYYY-MM-DD)	2018-07-17
Name/Print	Reena Kuyper	Registration Number	33,380

This collection of information is required by 37 CFR 1.97 and 1.98. 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 1 hour 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, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	15269776			
Filing Date:	19-Sep-2016			
Title of Invention:	ACQUIRING INFORMATION FROM SOURCES RESPONSIVE TO NATURALLY-SPOKEN-SPEECH COMMANDS PROVIDED BY A VOICE-ENABLED DEVICE			
First Named Inventor/Applicant Name:	Alexander Kurganov			
Filer:	Reena Kuyper/Kristi LaMont			
Attorney Docket Number:	10115-05709 US			
Filed as Large Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
SUBMISSION- INFORMATION DISCLOSURE STMT	1806	1	240	240
Total in USD (\$)				240

Electronic Acknowledgement Receipt

EFS ID:	33203989
Application Number:	15269776
International Application Number:	
Confirmation Number:	2723
Title of Invention:	ACQUIRING INFORMATION FROM SOURCES RESPONSIVE TO NATURALLY-SPOKEN-SPEECH COMMANDS PROVIDED BY A VOICE-ENABLED DEVICE
First Named Inventor/Applicant Name:	Alexander Kurganov
Customer Number:	93219
Filer:	Reena Kuyper/Kristi LaMont
Filer Authorized By:	Reena Kuyper
Attorney Docket Number:	10115-05709 US
Receipt Date:	17-JUL-2018
Filing Date:	19-SEP-2016
Time Stamp:	16:40:30
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$240
RAM confirmation Number	071818INTEFSW16414600
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

--	--	--	--	--	--

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	05709US_20180717_IDS.pdf	1034495	no	4
			f9bdb2ba15eb46e6097e7efedbff83189f5f0c3		

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30677	no	2
			406ed361b4309307aa475f723abb69ffec373c88		

Warnings:

Information:

Total Files Size (in bytes):	1065172
-------------------------------------	---------

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Document code: WFEE

United States Patent and Trademark Office
Sales Receipt for Accounting Date: 10/10/2018

DMARTINO	SALE	#00000003	Mailroom Dt:	07/17/2018	15269776
		01	FC : 2806	120.00	OP

Document code: WFEE

United States Patent and Trademark Office
Sales Receipt for Accounting Date: 10/10/2018

DMARTINO ADJ #00000004 Mailroom Dt: 07/17/2018
Seq No: 3530 Sales Acctg Dt: 07/18/2018 15269776
01 FC : 1806 -240.00 OP



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 15/269,776, 09/19/2016, 2658, 1200, 10115-05709 US, 30, 2

CONFIRMATION NO. 2723
CORRECTED FILING RECEIPT

93219
Patent Law Works, LLP
310 East 4500 South, Suite 400
Salt Lake City, UT 84107



Date Mailed: 06/04/2018

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s) Alexander Kurganov, Buffalo Grove, IL;
Applicant(s) Parus Holdings, Inc., Bannockburn, IL;

Power of Attorney: The patent practitioners associated with Customer Number 93219

Domestic Priority data as claimed by applicant
This application is a CON of 13/462,819 05/03/2012 PAT 9451084
which is a CON of 12/973,475 12/20/2010 PAT 8185402
which is a CON of 12/030,556 02/13/2008 PAT 7881941
which is a CON of 11/409,703 04/24/2006 PAT 7386455
which is a CON of 10/821,690 04/09/2004 PAT 7076431
which is a CON of 09/776,996 02/05/2001 PAT 6721705
which claims benefit of 60/233,068 09/15/2000
and claims benefit of 60/180,344 02/04/2000

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes
Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 10/06/2016

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 15/269,776**

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

Title

ACQUIRING INFORMATION FROM SOURCES RESPONSIVE TO
NATURALLY-SPOKEN-SPEECH COMMANDS PROVIDED BY A VOICE-ENABLED DEVICE

Preliminary Class

704

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific

page 2 of 4

countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop

technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

93219 7590 05/29/2018
Patent Law Works, LLP
310 East 4500 South, Suite 400
Salt Lake City, UTAH 84107
UNITED STATES OF AMERICA

EXAMINER

CHAWAN, VIJAY B

ART UNIT PAPER NUMBER

2658

DATE MAILED: 05/29/2018

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Values: 15/269,776, 09/19/2016, Alexander Kurganov, 10115-05709 US, 2723

TITLE OF INVENTION: ROBUST VOICE BROWSER SYSTEM AND VOICE ACTIVATED DEVICE CONTROLLER

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE. Values: nonprovisional, UNDISCOUNTED, \$1000, \$0.00, \$0.00, \$1000, 08/29/2018

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 DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). 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. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop 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 Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 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: Use Block 1 for any change of address)

93219 7590 05/29/2018
 Patent Law Works, LLP
 310 East 4500 South, Suite 400
 Salt Lake City, UTAH 84107
 UNITED STATES OF AMERICA

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 Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/269,776	09/19/2016	Alexander Kurganov	10115-05709 US	2723

TITLE OF INVENTION: ROBUST VOICE BROWSER SYSTEM AND VOICE ACTIVATED DEVICE CONTROLLER

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1000	\$0.00	\$0.00	\$1000	08/29/2018

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHAWAN, VIJAY B	2658	704-275000

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "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.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) The names of up to 3 registered patent attorneys or agents OR, alternatively, _____ 1</p> <p>(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. _____ 2</p> <p>_____ 3</p>
---	---

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. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. 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

<p>4a. The following fee(s) are submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
---	--

5. Change in Entity Status (from status indicated above)

- Applicant certifying micro entity status. See 37 CFR 1.29
- Applicant asserting small entity status. See 37 CFR 1.27
- Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____	Date _____
Typed or printed name _____	Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Includes application details for Alexander Kurganov and examiner information for CHAWAN, VIJAY B.

DATE MAILED: 05/29/2018

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

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

<i>Notice Requiring Inventor's Oath or Declaration</i>	Application No. 15/269,776	Applicant(s) Alexander Kurganov	
	Examiner CHAWAN, VIJAY B	Art Unit 2658	

This notice is an attachment to the Notice of Allowability (PTOL-37), or the Notice of Allowability For A Design Application (PTOL-37D).

An inventor's oath or declaration in compliance with 37 CFR 1.63 or 1.64 executed by or with respect to each inventor has not yet been submitted.

An oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each inventor (for any inventor for which a compliant oath, declaration, or substitute statement has not yet been submitted) **MUST** be filed no later than the date on which the issue fee is paid. See 35 U.S.C. 115(f). Failure to timely comply will result in ABANDONMENT of this application.

A properly executed inventor's oath to declaration has not been received for the following inventor(s):

If applicant previously filed one or more oaths, declarations, or substitute statements, applicant may have received an informational notice regarding deficiencies therein.

The following deficiencies are noted:

INFORMAL ACTION PROBLEMS

- A properly executed inventor's oath or declaration has not been received for the following inventor(s): **Alexander Kurganov**.

Applicant may submit the inventor's oath or declaration at any time before the Notice of Allowance and Fee(s) Due, PTOL-85, is mailed.

Questions relating to this Notice should be directed to the Application Assistance Unit at 571-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B 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, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. 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.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 15/269,776	Applicant(s) Kurganov, Alexander	
	Examiner VIJAY B CHAWAN	Art Unit 2658	AIA Status No

-- 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 Applicant correspondence filed 3/20/18.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
- 2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
- 3. The allowed claim(s) is/are 1-7,14-22 and 29-40 . As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information , please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
- 4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- 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: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file areply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

- 5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
- 6. 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. Notice of References Cited (PTO-892)
- 2. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.
- 3. Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.
- 4. Interview Summary (PTO-413), Paper No./Mail Date. _____.
- 5. Examiner's Amendment/Comment
- 6. Examiner's Statement of Reasons for Allowance
- 7. Other _____.

/VIJAY B CHAWAN/
Primary Examiner, Art Unit 2658

DETAILED ACTION

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.

Allowable Subject Matter

2. Claims 1-7, 14-22 and 29-40 are allowed.
3. The following is an examiner's statement of reasons for allowance: In response to the office action mailed 9/20/17, Applicant filed Terminal disclaimer with respect to Patent No. 9451084, Patent No. 8185402, and Patent No. 7881941, have been reviewed and are accepted. The outstanding Obviousness type Double Patenting Rejection is withdrawn and claims 1-7, 14-22 and 29-40 are deemed allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to VIJAY B CHAWAN whose telephone number is (571)272-7601. The examiner can normally be reached on 7-5 Monday thru Thursday.


Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richemond Dorvil can be reached on 571-272-7602. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

**/VIJAY B CHAWAN/
Primary Examiner, Art Unit 2658**

vbc
5/22/2018

<i>Search Notes</i> 	Application/Control No. 15/269,776	Applicant(s)/Patent Under Reexamination Kurganov, Alexander
	Examiner VIJAY B CHAWAN	Art Unit 2658

CPC - Searched*		
Symbol	Date	Examiner
G10L 15/26, 15/265, 15/22, 15/222, 25/48	12-8-16	vbc
H04M 2201/40, 3/4938, 2201/39, 2203/609, 3/382, 2201/60, 2203/105	12-8-16	vbc
G06F 3/16, 17/30873, 2216/15	vbc	12-8-16


CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
704	270.1, 275, 200, 270, 246, 272	vbc	12-8-16
379	88.17, 88.01	vbc	12-8-16
707	707, 999.01, 999.101, 999.102	vbc	12-8-16
709	205, 219, 227	vbc	12-8-16
713	168, 182, 186	vbc	12-8-16
715	733	vbc	12-8-16
719	310	vbc	12-8-16
726	3	vbc	12-8-16

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.


Search Notes		
Search Notes	Date	Examiner
See attached PLUS and WEST searches	vbc	12-8-16
See attached updated WEST search	vbc	4-1-17
See attached updated WEST search	vbc	9-15-17
See attached updated WEST search	05/22/2018	vbc

--	--

<i>Search Notes</i> 	Application/Control No. 15/269,776	Applicant(s)/Patent Under Reexamination Kurganov, Alexander
	Examiner VIJAY B CHAWAN	Art Unit 2658

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	See attached interference search	05/22/2018	vbc


--	--

Issue Classification 	Application/Control No. 15/269,776	Applicant(s)/Patent Under Reexamination Kurganov, Alexander
	Examiner VIJAY B CHAWAN	Art Unit 2658

CPC						
Symbol					Type	Version
G10L	/	15	/	30	F	2013-01-01
G10L	/	15	/	187	I	2013-01-01
G10L	/	15	/	22	I	2013-01-01
G10L	/	2015	/	223	A	2013-01-01
G10L	/	2015	/	228	A	2013-01-01

CPC Combination Sets				
Symbol	Type	Set	Ranking	Version
/	/			

NONE	Total Claims Allowed:	
(Assistant Examiner)	(Date)	28
/VIJAY B CHAWAN/ Primary Examiner, Art Unit 2658	22 May 2018	O.G. Print Claim(s)
(Primary Examiner)	(Date)	1
		O.G. Print Figure
		4


Issue Classification 	Application/Control No. 15/269,776	Applicant(s)/Patent Under Reexamination Kurganov, Alexander
	Examiner VIJAY B CHAWAN	Art Unit 2658

INTERNATIONAL CLASSIFICATION	
CLAIMED	
G10L	21 00
NON-CLAIMED	

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS
704	270.1

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
704	275	270	246	272		
379	88.17	88.01				
715	733					
709	205	219	227			
707	707	999.01	999.101			


NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	28	
/VIJAY B CHAWAN/ Primary Examiner, Art Unit 2658	22 May 2018	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	4

Issue Classification 	Application/Control No. 15/269,776	Applicant(s)/Patent Under Reexamination Kurganov, Alexander
	Examiner VIJAY B CHAWAN	Art Unit 2658

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1		10	18	19		28	25	37						
2	2		11	19	20	22	29	26	38						
3	3		12	20	21	23	30	27	39						
4	4		13	21	22	10	31	28	40						
5	5	8	14		23	11	32								
6	6	9	15		24	12	33								
7	7	15	16		25	13	34								
	8	16	17		26	14	35								
	9	17	18		27	24	36								

NONE	Total Claims Allowed:	
(Assistant Examiner)	(Date)	28
/VIJAY B CHAWAN/ Primary Examiner, Art Unit 2658	22 May 2018	O.G. Print Claim(s)
(Primary Examiner)	(Date)	1
		O.G. Print Figure
		4

<i>Index of Claims</i> 	Application/Control No. 15/269,776	Applicant(s)/Patent Under Reexamination Kurganov, Alexander
	Examiner VIJAY B CHAWAN	Art Unit 2658

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS									
<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant <input type="checkbox"/> CPA <input type="checkbox"/> T.D. <input type="checkbox"/> R.1.47									
CLAIM		DATE							
Final	Original	12/08/2016	04/01/2017	09/15/2017	05/22/2018				
1	1	✓	✓	✓	=				
2	2	✓	✓	✓	=				
3	3	✓	✓	✓	=				
4	4	✓	✓	✓	=				
5	5	✓	✓	✓	=				
6	6	✓	✓	✓	=				
7	7	✓	✓	✓	=				
	8	✓	-	-	-				
	9	✓	-	-	-				
	10	✓	-	-	-				
	11	✓	-	-	-				
	12	✓	-	-	-				
	13	✓	-	-	-				
8	14	✓	✓	✓	=				
9	15	✓	✓	✓	=				
15	16	✓	✓	✓	=				
16	17	✓	✓	✓	=				
17	18	✓	✓	✓	=				
18	19	✓	✓	✓	=				
19	20	✓	✓	✓	=				
20	21	✓	✓	✓	=				
21	22	✓	✓	✓	=				
	23	✓	-	-	-				
	24	✓	-	-	-				
	25	✓	-	-	-				
	26	✓	-	-	-				
	27	✓	-	-	-				
	28	✓	-	-	-				
22	29	✓	-	-	-				
23	30	✓	✓	✓	=				
10	31		✓	✓	=				
11	32		✓	✓	=				
12	33		✓	✓	=				
13	34		✓	✓	=				
14	35		✓	✓	=				
24	36		✓	✓	=				
25	37		✓	✓	=				
26	38		✓	✓	=				
27	39		✓	✓	=				
28	40		✓	✓	=				

Bibliographic Data

Application No: 15/269,776

Foreign Priority claimed: Yes No

35 USC 119 (a-d) conditions met: Yes No Met After Allowance

Verified and Acknowledged:

Vijay B.Chawan/

Examiner's Signature

Initials

Title:

Robust voice browser system and voice activated device controller

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
09/19/2016	704	2658	10115-05709 US
RULE			

APPLICANTS

Parus Holdings, Inc., Bannockburn, IL, UNITED STATES

INVENTORS

Alexander Kurganov Buffalo Grove, IL, UNITED STATES

CONTINUING DATA

This application is a CON of 13462819 05/03/2012 PAT 9451084

13462819 is a CON of 12973475 12/20/2010 PAT 8185402

12973475 is a CON of 12030556 02/13/2008 PAT 7881941

12030556 is a CON of 11409703 04/24/2006 PAT 7386455

11409703 is a CON of 10821690 04/09/2004 PAT 70764318

10821690 is a CON of 09776996 02/05/2001 PAT 6721705

09776996 has PRO of 60233068 09/15/2000

09776996 has PRO of 60180344 02/04/2000

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

10/06/2016

STATE OR COUNTRY

UNITED STATES

ADDRESS

Patent Law Works, LLP

310 East 4500 South, Suite 400

Salt Lake City, UT 84107

UNITED STATES

FILING FEE RECEIVED

\$3,200

WEST Search History for Application 15269776

Creation Date: 2018052214:20

Interference Searches

Query	DB	Hits	Op.	Plur.	Thes.	Date
((((707/707)) ((707/999.01)) ((707/999.101)) ((707/999.102))).CCLS.)	PGPB, USPT	23375	OR	YES		05-22-2018
((((natural \$ 5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif \$ 6 near2 information) and (recogni \$ 6 near2 grammar) and poll \$ 3) and (speech near2 synthes \$ 6)))	PGPB, USPT	7	OR	YES		05-22-2018
((((natural \$ 5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif \$ 6 near2 information) and (recogni \$ 6 near2 grammar) and poll \$ 3) and (speech near2 synthes \$ 6)))	PGPB	4	OR	YES		05-22-2018
((((natural \$ 5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif \$ 6 near2 information) and (recogni \$ 6 near2 grammar) and poll \$ 3) and (speech near2 synthes \$ 6)))	USPT	3	OR	YES		05-22-2018

Prior Art Searches

Query	DB	Hits	Op.	Plur.	Thes.	Date
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	91	OR	YES		12-08-2016
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515	PGPB	13	OR	YES		12-08-2016

6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)						
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	USPT	36	OR	YES		12-08-2016
(kurganov-\$.in.)	USPT	26	OR	YES		12-08-2016
((kurganov-\$.in.) and voice)	PGPB, USPT	38	OR	YES		12-08-2016
((kurganov-\$.in.) and voice)	PGPB, USPT	38	OR	YES		12-08-2016
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	42	OR	YES		12-08-2016
((((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information)) and (recogni\$6 near2 grammar))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	19	OR	YES		12-08-2016
((((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar))	PGPB, USPT, USOC, EPAB,	7	OR	YES		12-08-2016

and poll\$3)	JPAB, DWPI, TDBD, FPRS					
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	7	OR	YES		12-08-2016
((kurganov-\$in.) and voice)	USPT	15	OR	YES		12-08-2016
((kurganov-\$in.) and voice)	PGPB	23	OR	YES		12-08-2016
((kurganov-\$in.) and voice) McFadden	PGPB, USPT	6628	OR	YES		12-08-2016
((kurganov-\$in.) and voice) and s\$-McFadden.xa.	PGPB, USPT	0	OR	YES		12-08-2016
((kurganov-\$in.) and voice) and s\$-McFadden.xp.	PGPB, USPT	0	OR	YES		12-08-2016
(H04M2201/40 H04M3/4938 H04M2201/39 H04M2203/609 H04M3/382 H04M2201/60 H04M2203/105 H04M3/4878 H04M3/493 H04M3/4931 H04M7/12).CPC.	PGPB, USPT	11646	OR	YES		12-08-2016
(G10L15/26 G10L15/265 G10L15/22 G10L15/222 G10L25/48).CPC.	PGPB, USPT	10728	OR	YES		12-08-2016
(G06F3/16 G06F17/30873 G06F2216/15).CPC.	PGPB, USPT	5594	OR	YES		12-08-2016
(704/270.1 704/275 704/200 704/270 704/246 704/272).CCLS.	PGPB, USPT	10840	OR	YES		12-08-2016
(379/88.17 379/88.01).CCLS.	PGPB, USPT	3264	OR	YES		12-08-2016
(707/707707/999.01 707/999.101 707/999.102).CCLS.	PGPB, USPT	13063	OR	YES		12-08-2016
(709/205 709/219 709/227).CCLS.	PGPB, USPT	31584	OR	YES		12-08-2016
(713/168 713/182 713/186).CCLS.	PGPB, USPT	13521	OR	YES		12-08-2016
(715/733 719/310 726/3).CCLS.	PGPB, USPT	9664	OR	YES		12-08-2016

(707/707 707/999.01 707/999.101 707/999.102).CCLS.	PGPB, USPT	23374	OR	YES		12-08-2016
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	91	OR	YES		04-01-2017
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	PGPB	13	OR	YES		04-01-2017
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	USPT	36	OR	YES		04-01-2017
(kurganov-\$in.)	USPT	27	OR	YES		04-01-2017
((kurganov-\$in.) and voice)	PGPB, USPT	40	OR	YES		04-01-2017
((kurganov-\$in.) and voice)	PGPB, USPT	40	OR	YES		04-01-2017
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2	PGPB, USPT, USOC,	42	OR	YES		04-01-2017

information))	EPAB, JPAB, DWPI, TDBD, FPRS					
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information)) and (recogni\$6 near2 grammar))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	19	OR	YES		04-01-2017
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	7	OR	YES		04-01-2017
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	7	OR	YES		04-01-2017
((kurganov-\$in.) and voice))	USPT	16	OR	YES		04-01-2017
((kurganov-\$in.) and voice))	PGPB	24	OR	YES		04-01-2017
((kurganov-\$in.) and voice)) McFadden	PGPB, USPT	6779	OR	YES		04-01-2017
((kurganov-\$in.) and voice)) and s\$-McFadden.xa.	PGPB, USPT	0	OR	YES		04-01-2017
((kurganov-\$in.) and voice)) and s\$-McFadden.xp.	PGPB, USPT	0	OR	YES		04-01-2017
(("20010047262" "20040193427" "20080189113" "20020104025" "20060190265" "20110091023")!.PN.).PGPB. ("8874446" "8131555" "7076431" "6859776" "7185197" "6721705" "6144991" "7974875" "9451084" "7386455" "7881941" "8185402"	PGPB, USPT	19	OR	YES		04-01-2017

"5926789")!.PN).USPT.						
((H04M2201/40) (H04M3/4938) (H04M2201/39) (H04M2203/609) (H04M3/382) (H04M2201/60) (H04M2203/105) (H04M3/4878) (H04M3/493) (H04M3/4931) (H04M7/12)).CPC.	PGPB, USPT	11919	OR	YES		04-01-2017
((G10L15/26) (G10L15/265) (G10L15/22) (G10L15/222) (G10L25/48)).CPC.	PGPB, USPT	11365	OR	YES		04-01-2017
((G06F3/16) (G06F17/30873) (G06F2216/15)).CPC.	PGPB, USPT	5940	OR	YES		04-01-2017
((704/270.1) (704/275) (704/200) (704/270) (704/246) (704/272)).CCLS.	PGPB, USPT	10847	OR	YES		04-01-2017
((379/88.17) (379/88.01)).CCLS.	PGPB, USPT	3265	OR	YES		04-01-2017
((707/707707) (707/999.101) (707/999.102)).CCLS.	PGPB, USPT	13063	OR	YES		04-01-2017
((709/205) (709/219) (709/227)).CCLS.	PGPB, USPT	31620	OR	YES		04-01-2017
((713/168) (713/182) (713/186)).CCLS.	PGPB, USPT	13528	OR	YES		04-01-2017
((715/733) (719/310) (726/3)).CCLS.	PGPB, USPT	9668	OR	YES		04-01-2017
((707/707) (707/999.01) (707/999.101) (707/999.102)).CCLS.	PGPB, USPT	23374	OR	YES		04-01-2017
(((707/707) (707/999.01) (707/999.101) (707/999.102)).CCLS.) and @pd > 20161208	PGPB, USPT	0	OR	YES		04-01-2017
(((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6))) and @pd > 20161208	PGPB, USPT	0	OR	YES		04-01-2017
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	98	OR	YES		09-15-2017

20070156435 20080189113 20100223300 20100235201 20110091023).pn.)						
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	PGPB	13	OR	YES		09-15-2017
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	USPT	36	OR	YES		09-15-2017
(kurganov-\$.in.)	USPT	27	OR	YES		09-15-2017
((kurganov-\$.in.) and voice)	PGPB, USPT	40	OR	YES		09-15-2017
((kurganov-\$.in.) and voice)	PGPB, USPT	40	OR	YES		09-15-2017
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	44	OR	YES		09-15-2017
((((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information)) and (recogni\$6 near2 grammar))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD,	19	OR	YES		09-15-2017

	FPRS					
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	7	OR	YES		09-15-2017
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	7	OR	YES		09-15-2017
((kurganov-\$in.) and voice))	USPT	16	OR	YES		09-15-2017
((kurganov-\$in.) and voice))	PGPB	24	OR	YES		09-15-2017
((kurganov-\$in.) and voice)) McFadden	PGPB, USPT	7049	OR	YES		09-15-2017
((kurganov-\$in.) and voice)) and s\$-McFadden.xa.	PGPB, USPT	0	OR	YES		09-15-2017
((kurganov-\$in.) and voice)) and s\$-McFadden.xp.	PGPB, USPT	0	OR	YES		09-15-2017
(("20010047262" "20040193427" "20080189113" "20020104025" "20060190265" "20110091023")!.PN.).PGPB. ("8874446" "8131555" "7076431" "6859776" "7185197" "6721705" "6144991" "7974875" "9451084" "7386455" "7881941" "8185402" "5926789")!.PN.).USPT.	PGPB, USPT	19	OR	YES		09-15-2017
((H04M2201/40) ((H04M3/4938) ((H04M2201/39) ((H04M2203/609) ((H04M3/382) ((H04M2201/60) ((H04M2203/105) ((H04M3/4878) ((H04M3/493) ((H04M3/4931) ((H04M7/12))).CPC.	PGPB, USPT	12169	OR	YES		09-15-2017
((G10L15/26) ((G10L15/265) ((G10L15/22) ((G10L15/222) ((G10L25/48))).CPC.	PGPB, USPT	12223	OR	YES		09-15-2017
((G06F3/16) ((G06F17/30873) ((G06F2216/15))).CPC.	PGPB, USPT	6254	OR	YES		09-15-2017

((704/270.1) (704/275) (704/200) (704/270) (704/246) (704/272)).CCLS.	PGPB, USPT	10849	OR	YES		09-15-2017
((379/88.17) (379/88.01)).CCLS.	PGPB, USPT	3265	OR	YES		09-15-2017
((707/707707) (707/999.101) (707/999.102)).CCLS.	PGPB, USPT	13063	OR	YES		09-15-2017
((709/205) (709/219) (709/227)).CCLS.	PGPB, USPT	31644	OR	YES		09-15-2017
((713/168) (713/182) (713/186)).CCLS.	PGPB, USPT	13540	OR	YES		09-15-2017
((715/733) (719/310) (726/3)).CCLS.	PGPB, USPT	9673	OR	YES		09-15-2017
((707/707) (707/999.01) (707/999.101) (707/999.102)).CCLS.	PGPB, USPT	23375	OR	YES		09-15-2017
((707/707) (707/999.01) (707/999.101) (707/999.102)).CCLS.) and @pd > 20161208	PGPB, USPT	0	OR	YES		09-15-2017
(((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6)) and @pd > 20161208	PGPB, USPT	0	OR	YES		09-15-2017
(((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6)) and @pd > 20161208) and @pd > 20170401	PGPB, USPT	0	OR	YES		09-15-2017
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPL, TDBD	100	OR	YES		05-22-2018
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515	PGPB	13	OR	YES		05-22-2018

6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)						
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	USPT	36	OR	YES		05-22-2018
(kurganov-\$.in.)	USPT	29	OR	YES		05-22-2018
((kurganov-\$.in.) and voice)	PGPB, USPT	43	OR	YES		05-22-2018
((kurganov-\$.in.) and voice)	PGPB, USPT	43	OR	YES		05-22-2018
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	45	OR	YES		05-22-2018
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information)) and (recogni\$6 near2 grammar))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	19	OR	YES		05-22-2018
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar))	PGPB, USPT, USOC, EPAB,	7	OR	YES		05-22-2018

and poll\$3)	JPAB, DWPI, TDBD, FPRS					
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	7	OR	YES		05-22-2018
((kurganov-\$in.) and voice)	USPT	18	OR	YES		05-22-2018
((kurganov-\$in.) and voice)	PGPB	25	OR	YES		05-22-2018
((kurganov-\$in.) and voice) McFadden	PGPB, USPT	7383	OR	YES		05-22-2018
((kurganov-\$in.) and voice) and s\$-McFadden.xa.	PGPB, USPT	0	OR	YES		05-22-2018
((kurganov-\$in.) and voice) and s\$-McFadden.xp.	PGPB, USPT	0	OR	YES		05-22-2018
(("20010047262" "20040193427" "20080189113" "20020104025" "20060190265" "20110091023")!.PN.).PGPB. ("8874446" "8131555" "7076431" "6859776" "7185197" "6721705" "6144991" "7974875" "9451084" "7386455" "7881941" "8185402" "5926789")!.PN.).USPT.	PGPB, USPT	19	OR	YES		05-22-2018
((H04M2201/40) (H04M3/4938) (H04M2201/39) (H04M2203/609) (H04M3/382) (H04M2201/60) (H04M2203/105) (H04M3/4878) (H04M3/493) (H04M3/4931) (H04M7/12)).CPC.	PGPB, USPT	12488	OR	YES		05-22-2018
((G10L15/26) (G10L15/265) (G10L15/22) (G10L15/222) (G10L25/48)).CPC.	PGPB, USPT	13526	OR	YES		05-22-2018
((G06F3/16) (G06F17/30873) (G06F2216/15)).CPC.	PGPB, USPT	6674	OR	YES		05-22-2018
((704/270.1) (704/275) (704/200) (704/270) (704/246) (704/272)).CCLS.	PGPB, USPT	10850	OR	YES		05-22-2018
((379/88.17) (379/88.01)).CCLS.	PGPB, USPT	3265	OR	YES		05-22-2018

((707/707707) (707/999.101) (707/999.102)).CCLS.	PGPB, USPT	13063	OR	YES		05-22-2018
((709/205) (709/219) (709/227)).CCLS.	PGPB, USPT	31647	OR	YES		05-22-2018
((713/168) (713/182) (713/186)).CCLS.	PGPB, USPT	13542	OR	YES		05-22-2018
((715/733) (719/310) (726/3)).CCLS.	PGPB, USPT	9673	OR	YES		05-22-2018
((707/707) (707/999.01) (707/999.101) (707/999.102)).CCLS.	PGPB, USPT	23375	OR	YES		05-22-2018
((707/707) (707/999.01) (707/999.101) (707/999.102)).CCLS.) and @pd > 20161208	PGPB, USPT	0	OR	YES		05-22-2018
(((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6))) and @pd > 20161208	PGPB, USPT	0	OR	YES		05-22-2018
(((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6)) and @pd > 20161208) and @pd > 20170915	PGPB, USPT	0	OR	YES		05-22-2018



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/269,776	09/19/2016	Alexander Kurganov	10115-05709 US

CONFIRMATION NO. 2723

POA ACCEPTANCE LETTER

93219
Patent Law Works, LLP
310 East 4500 South, Suite 400
Salt Lake City, UT 84107



Date Mailed: 03/21/2018

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 03/16/2018.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/qnguyen/

Doc Code: DIST.E.FILE Document Description: Electronic Terminal Disclaimer - Filed	PTO/SB/26 U.S. Patent and Trademark Office Department of Commerce
---	---

Electronic Petition Request	TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT
-----------------------------	--

Application Number	15269776
--------------------	----------

Filing Date	19-Sep-2016
-------------	-------------

First Named Inventor	Alexander Kurganov
----------------------	--------------------

Attorney Docket Number	10115-05709 US
------------------------	----------------

Title of Invention	Robust voice browser system and voice activated device controller
--------------------	---

<input checked="" type="checkbox"/> Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action	
<input checked="" type="checkbox"/> This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.	

Owner	Percent Interest
Parus Holdings, Inc.	100%

The owner(s) with percent interest listed above 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 of prior patent number(s)

8185402
9451084

as the term of said prior patent is 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, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said 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 CFR 1.321;
- has all claims canceled 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.

- Terminal disclaimer fee under 37 CFR 1.20(d) is included with Electronic Terminal Disclaimer request.
- I certify, in accordance with 37 CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) required for this terminal disclaimer has already been paid in the above-identified application.

Applicant claims the following fee status:

- Small Entity
- Micro Entity
- Regular Undiscounted

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 statements 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.

THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES

I certify, in accordance with 37 CFR 1.4(d)(4) that I am:

- An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application
 Registration Number 33830
- A sole inventor
- A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application
- A joint inventor; all of whom are signing this request

Signature	/Reena Kuyper/
Name	Reena Kuyper

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
 Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

Electronic Patent Application Fee Transmittal

Application Number:	15269776			
Filing Date:	19-Sep-2016			
Title of Invention:	Robust voice browser system and voice activated device controller			
First Named Inventor/Applicant Name:	Alexander Kurganov			
Filer:	Reena Kuyper			
Attorney Docket Number:	10115-05709 US			
Filed as Large Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
STATUTORY OR TERMINAL DISCLAIMER	1814	1	160	160
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				160

Doc Code: DISQ.E.FILE

Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 15269776

Filing Date: 19-Sep-2016

Applicant/Patent under Reexamination: Kurganov

Electronic Terminal Disclaimer filed on March 20, 2018

APPROVED

This patent is subject to a terminal disclaimer

DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office

Electronic Acknowledgement Receipt

EFS ID:	32107128
Application Number:	15269776
International Application Number:	
Confirmation Number:	2723
Title of Invention:	Robust voice browser system and voice activated device controller
First Named Inventor/Applicant Name:	Alexander Kurganov
Customer Number:	93219
Filer:	Reena Kuyper
Filer Authorized By:	
Attorney Docket Number:	10115-05709 US
Receipt Date:	20-MAR-2018
Filing Date:	19-SEP-2016
Time Stamp:	18:28:25
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$160
RAM confirmation Number	032118INTEFSW18282200
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

--	--	--	--	--	--

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Terminal Disclaimer-Filed (Electronic)	eTerminal-Disclaimer.pdf	33458	no	2
			72ad91bacb3c6cc311f1c98755159666b8b1e833		

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30454	no	2
			a66e884057999efe5b638c7c5cc0be26633f6360		

Warnings:

Information:

Total Files Size (in bytes):	63912
-------------------------------------	-------

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Robust Voice Browser System and Voice Activated Device
Controller
EXAMINER: Vijay B. Chawan
GROUP ART UNIT: 2658
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic system (EFS-Web) to the USPTO on the date shown below:

Dated: 03/20/2018 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33,830

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

AMENDMENT C

Responsive to the Non-Final Office Action mailed on September 20, 2017, which sets a shortened statutory period for response that expires on December 20, 2017, which period for response is extended by three months, please consider the following remarks.

IN THE CLAIMS

All pending claims are reproduced below.

1. (Currently Amended) A system ~~for acquiring information from a plurality of sources in response to receiving naturally spoken speech commands provided by users via a voice-enabled device and for providing the information to the users in an audio form via the voice-enabled device,~~ the system comprising:

(a) at least one ~~computing device~~ data processor, the at least one ~~computing device~~ data processor operatively coupled to a plurality of communication data networks;

(b) at least one speaker-independent speech-recognition engine operatively coupled to the data processor ~~computing device~~;

(c) memory accessible to the at least one ~~computing device~~ data processor and storing at least:

(i) an instruction set ~~identifying for querying of the~~ information to be retrieved from ~~the a~~ plurality of sources, the instruction set comprising: an indication of the plurality of sources, each identified by a source identifier ~~an address~~, and each identifying certain information to be retrieved from the source identifier ~~address~~, and

(ii) at least one recognition grammar executable code corresponding to each instruction set and corresponding to data characterizing audio containing a naturally-spoken-speech command including an information request ~~of the user~~,

(d) wherein the at least one speaker-independent-speech-recognition engine is adapted (i) to receive the data characterizing audio containing the naturally-spoken-speech command from ~~the a~~ voice-enabled device via a first of the plurality of

communication data networks, (ii) to recognize phenomes in the data characterizing audio containing naturally-spoken-speech commands to understand spoken words, and (iii) to generate recognition results data,

(e) wherein the at least one ~~computing device~~ data processor is adapted to (i) to select the corresponding at least one recognition grammar executable code upon receiving the data characterizing the audio containing the naturally-spoken-speech command and to convert the data characterizing the audio containing the naturally-spoken-speech command into a data message for transmission to a network interface adapted to access a second of the plurality of communication data networks; and (ii) to retrieve the instruction set corresponding to the recognition grammar executable codes provided by the at least one speaker-independent-speech-recognition engine and to access the information source ~~identified~~ queried by the instruction set to obtain at least a part of the information to be retrieved, and

(f) at least one speech-synthesis device operatively coupled to the at least one ~~computing device~~ data processor, the at least one speech-synthesis device configured to produce an audio message relating to any resulting information retrieved from the plurality of information sources, and to transmit the audio message to ~~the users via~~ the voice-enabled device.

2. (Currently Amended) The system of claim 1, wherein the plurality of communication data networks includes the Internet.

3. (Currently Amended) The system of claim 1, wherein the plurality of communication

data networks include a local-area network.

4. (Previously Presented) The system of claim 1, wherein the voice-enabled device is a telephone.

5. (Previously Presented) The system of claim 1, wherein the speaker-independent-speech-recognition engine is adapted to analyze the phonemes to recognize conversational naturally-spoken-speech commands.

6. (Previously Presented) The system of claim 1, wherein the speaker-independent-speech-recognition engine is adapted to recognize the naturally-spoken-speech commands.

7. (Currently Amended) The system of claim 1, wherein the instruction set executable code further comprises: a content descriptor associated with each information-source identifier address, the content descriptor pre-defining a portion of the information source containing the information to be retrieved.

8. Canceled.

9. Canceled.

10. Canceled.

11. Canceled.

12. Canceled.

13. Canceled.

14. (Currently Amended) The system of claim 1, further comprising:

a database operatively connected to the data processor ~~computing device~~, the database adapted to store the information gathered from the information sources in response to the information requests.

15. (Currently Amended) The system of claim 14, wherein each recognition grammar executable code and each instruction set for querying of information to be retrieved are stored in the database.

16. (Currently Amended) A method ~~for acquiring information from a plurality of sources in response to receiving naturally spoken speech commands provided by users via a voice-enabled device and for providing the information to the users in an audio form via the voice-enabled device, the method~~ comprising:

(a) providing at least one data processor ~~computing device~~, the ~~computing device~~ data processor operatively coupled to a plurality of communication data networks;

(b) providing at least one speaker-independent-speech-recognition engine

operatively coupled to the at least one ~~computing device~~ data processor

(c) providing memory accessible to the ~~computing device~~ data processor storing at least:

(i) an instruction set ~~identifying~~ for querying of the information to be retrieved from ~~the~~ a plurality of sources, the instruction set comprising: an indication of the plurality of sources, each identified by a information-source identifier ~~an address~~, and each identifying certain information to be retrieved from the information-source identifier ~~address~~, and

(ii) at least one recognition grammar executable code corresponding to each instruction set and corresponding to data characterizing audio containing a naturally-spoken-speech command including an information request ~~of the user~~,

(d) the at least one speaker-independent- speech-recognition engine:

(i) receiving the data characterizing audio containing the naturally-spoken-speech command from the voice-enabled device via a first of the communication data networks,

(ii) recognizing phenomes in the data characterizing audio containing the naturally-spoken-speech commands to understand spoken words, and

(iii) generating recognition-results data,

(e) the least one ~~computing device~~ data processor programmed to:

(i) select the corresponding at least one recognition grammar executable code upon receiving the data characterizing audio containing the naturally-spoken-speech command and convert the data characterizing audio containing

naturally-spoken-speech command into a data message for transmission to a network interface adapted to access a second of the one communication networks; and

(iii) retrieve the instruction set corresponding to the recognition grammar executable provided by the at least one speaker-independent-speech-recognition device and access the information source identified by the instruction set to obtain at least a part of the information to be retrieved; and

(f) providing at least one speech-synthesis device operatively connected to the at least one ~~computing device~~ data processor, and by the at least one speech-synthesis device [[:]];:

(i) produce an audio message relating to any resulting information retrieved from the plurality of information sources, and (ii) transmit the audio message to the voice-enabled device.

17. (Currently Amended) The method of claim 16, wherein the plurality of communication data networks includes the Internet.

18. (Currently Amended) The method of claim 16, wherein the plurality of communication data networks include a local-area network.

19. (Previously Presented) The method of claim 16, wherein the voice-enabled device is a telephone.

20. (Previously Presented) The method of claim 16, wherein the speaker-independent-speech-recognition engine is adapted to analyze the phonemes to recognize conversational naturally-spoken-speech commands.
21. (Previously Presented) The method of claim 16, wherein the speaker-independent-speech-recognition engine is adapted to recognize the naturally-spoken-speech commands.
22. (Currently Amended) The method of claim 16, wherein the instruction set executable code further comprises: a content descriptor associated with each information-source identifier address, the content descriptor pre-defining a portion of the information source containing the information to be retrieved.
23. Canceled.
24. Canceled.
25. Canceled.
26. Canceled.
27. Canceled.
28. Canceled.

29. (Currently Amended) The method of claim 16, further comprising:
providing a database and operatively ~~connected~~ connecting the database to the ~~computing-~~
~~device~~ data processor and storing the information gathered from the information sources in
response to the information requests in the database.
30. (Currently Amended) The method of claim 29, wherein each recognition grammar
executable code and each instruction set are stored in the database.
31. (Previously Presented) The system of claim 1, wherein the voice-enabled device is an
IP telephone.
32. (Previously Presented) The system of claim 1, wherein the voice-enabled device is a
cellular phone.
33. (Previously Presented) The system of claim 1, wherein the voice-enabled device is a
personal computer.
34. (Previously Presented) The system of claim 1, wherein the voice-enabled device is a
media player appliance.
35. (Previously Presented) The system of claim 1, wherein the voice-enabled device is a
television or other video display device.

36. (Previously Presented) The method of claim 16, wherein the voice-enabled device is an IP telephone.

37. (Previously Presented) The method of claim 16, wherein the voice-enabled device is a cellular phone.

38. (Previously Presented) The method of claim 16, wherein the voice-enabled device is a personal computer.

39. (Previously Presented) The method of claim 16, wherein the voice-enabled device is a media player appliance.

40. (Previously Presented) The method of claim 16, wherein the voice-enabled device is a television or other video display device.

REMARKS

Claims 1-7, 14-22, and 29-40 were presented for examination. Claims 1-7, 14-22, and 29-40 stand rejected as stated in the Office Action dated September 20, 2017 (herein, "OA"). Claims 1-3, 7, 14-18, and 22 are amended. No new matter is introduced by these amendments. Claims 1-7, 14-22, and 29-40 are pending upon entry of this amendment. Reconsideration of this application is respectfully requested.

Summary of Office Action

1. Claims 1-7, 14-22, and 29-40 are rejected on the ground of non-statutory double patenting as being unpatentable over claims 1-15 of U.S. Patent No. 9,451,084.

Response to Double-Patenting Rejections

Claims 1-7, 14-22, and 29-40 are rejected on the ground of non-statutory double patenting as being unpatentable over claims 1-15 of U.S. Patent No. 9,451,084. A terminal disclaimer is submitted with this amendment. Accordingly, the Examiner is requested to withdraw the double patenting rejection.

CONCLUSION

Favorable consideration and allowance of all the pending claims is respectfully requested. In the event there are any outstanding issues, the Examiner is respectfully requested to contact the undersigned.

Respectfully submitted,
ALEXANDER KURGANOV

Dated: 3/20/2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33,830
Of
PATENT LAW WORKS LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111
Tel.: (385) 232-7854
Fax: (801) 355-0160
Email: rkuyper@patentlawworks.net

RBK

Electronic Patent Application Fee Transmittal

Application Number:	15269776			
Filing Date:	19-Sep-2016			
Title of Invention:	Robust voice browser system and voice activated device controller			
First Named Inventor/Applicant Name:	Alexander Kurganov			
Filer:	Reena Kuyper/Jodee Butler			
Attorney Docket Number:	10115-05709 US			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 3 months with \$0 paid	2253	1	700	700
Miscellaneous:				
Total in USD (\$)				700

Electronic Acknowledgement Receipt

EFS ID:	32110582
Application Number:	15269776
International Application Number:	
Confirmation Number:	2723
Title of Invention:	Robust voice browser system and voice activated device controller
First Named Inventor/Applicant Name:	Alexander Kurganov
Customer Number:	93219
Filer:	Reena Kuyper
Filer Authorized By:	
Attorney Docket Number:	10115-05709 US
Receipt Date:	20-MAR-2018
Filing Date:	19-SEP-2016
Time Stamp:	18:33:36
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$700
RAM confirmation Number	032118INTEFSW18355600
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		20180320_05709US_Amendm ent_C.pdf	107764 01a7e45dc390413468846c9b7e4f11bd3c1d0921	yes	12
Multipart Description/PDF files in .zip description					
		Document Description	Start	End	
		Amendment/Req. Reconsideration-After Non-Final Reject	1	1	
		Claims	2	10	
		Applicant Arguments/Remarks Made in an Amendment	11	12	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30147 5393c7e052101d659465b68c8dd145cf29e cf692	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			137911		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875			Application or Docket Number 15/269,776	Filing Date 09/19/2016	<input type="checkbox"/> To be Mailed
ENTITY: <input checked="" type="checkbox"/> LARGE <input type="checkbox"/> SMALL <input type="checkbox"/> MICRO					
APPLICATION AS FILED – PART I					
(Column 1)		(Column 2)			
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A		
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A		
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A		
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	minus 20 =	*	X \$ =		
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =		
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>					
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL		

APPLICATION AS AMENDED – PART II								
(Column 1)		(Column 2)		(Column 3)				
AMENDMENT	03/20/2018	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 28	Minus	** 30	= 0	X \$100 =	0	
	Independent (37 CFR 1.16(h))	* 2	Minus	***3	= 0	X \$460 =	0	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))							
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
TOTAL ADD'L FEE						0		

(Column 1)		(Column 2)		(Column 3)				
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =		
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =		
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))							
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
TOTAL ADD'L FEE								
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.						LIE DELEACHES YOUNG		
** 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.								

This collection of information is required by 37 CFR 1.16. 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, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
 If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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.

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	15/269,776
Filing Date	September 19, 2016
First Named Inventor	Alexander Kurganov
Title	Robust voice browser system and voice activated device controller
Art Unit	2658
Examiner Name	Vijay B. Chawan
Attorney Docket Number	10115-05709 US

SIGNATURE of Applicant or Patent Practitioner			
Signature	/Reena Kuyper/	Date (Optional)	2018-03-16
Name	Reena Kuyper	Registration Number	33830
Title (if Applicant is a juristic entity)	Agent for Applicant		
Applicant Name (if Applicant is a juristic entity)	Parus Holdings, Inc.		

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.

*Total of One (1) forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. 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 1.11 and 1.14. This collection is estimated to take 3 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, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(c).

I hereby appoint:

Practitioners associated with Customer Number: 93219

OR

Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

Name	Registration Number

As attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignments documents attached to this form in accordance with 37 CFR 3.73(c).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(c) to:

The address associated with Customer Number: 93219

OR


<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone			Email

Assignee Name and Address: Parus Holdings, Inc.
 3000 Lakeside Drive, Suite 300N
 Bannockburn, IL 60015

A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/AIA/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of the practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	5/21/2013
Name	Robert C. McConnell	Telephone	888-387-3481
Title	Chief Financial Officer, Senior Vice President and General Counsel of Parus Holdings, Inc.		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. 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 1.11 and 1.14. This collection is estimated to take 3 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, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

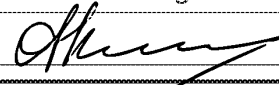
The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	Robust Voice Browser System and Voice Activated Device Controller
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input type="checkbox"/> The attached application, or <input checked="" type="checkbox"/> United States application or PCT international application number <u>15/269,776</u> filed on <u>September 19, 2016</u>.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p> <p style="text-align: center;">WARNING:</p> <p>Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.</p>	
<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: <u>Alexander Kurganov</u> Date (Optional) : _____</p> <p>Signature: </p>	
<p>Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.</p>	

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1.11 and 1.14. This collection is estimated to take 1 minute 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, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Acknowledgement Receipt

EFS ID:	32082237
Application Number:	15269776
International Application Number:	
Confirmation Number:	2723
Title of Invention:	Robust voice browser system and voice activated device controller
First Named Inventor/Applicant Name:	Alexander Kurganov
Customer Number:	93219
Filer:	Reena Kuyper
Filer Authorized By:	
Attorney Docket Number:	10115-05709 US
Receipt Date:	16-MAR-2018
Filing Date:	19-SEP-2016
Time Stamp:	19:17:32
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	20180316_05709US_POA.pdf	215799 <small>96d69bc1fa3df555bd581f198809c78c0092ff19</small>	no	3

Warnings:

Information:					
2	Oath or Declaration filed	20180316_05709US_Declaratio n.pdf	38267 a98c4347aac3546406750e70f4599749733 9c99	no	1
Warnings:					
Information:					
Total Files Size (in bytes):				254066	
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO., EXAMINER, ART UNIT, PAPER NUMBER, NOTIFICATION DATE, DELIVERY MODE.

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

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@patentlawworks.net
patents@patentlawworks.net

Office Action Summary	Application No. 15/269,776	Applicant(s) KURGANOV, ALEXANDER	
	Examiner Vijay B. Chawan	Art Unit 2658	AIA (First Inventor to File) Status Yes

-- 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 MONTHS 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 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 8-14-17.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
- 4) 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*

- 5) Claim(s) 1-7, 14-22 and 29-40 is/are pending in the application.
5a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 6) Claim(s) _____ is/are allowed.
- 7) Claim(s) 1-7, 14-22 and 29-40 is/are rejected.
- 8) Claim(s) _____ is/are objected to.
- 9) Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

- 10) The specification is objected to by the Examiner.
- 11) The drawing(s) filed on _____ 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).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- 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)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date _____.
- 3) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 4) Other: _____.

DETAILED ACTION

1. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Terminal Disclaimer

2. The terminal disclaimer filed on 3/13/17 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of 7881941 has been reviewed and is accepted. The terminal disclaimer has been recorded.

3. The terminal disclaimer filed on 3/13/17 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of Patent Numbers 9451084 and 8185402 have been reviewed and are NOT accepted. 2/TDs both disapproved. TD fee not paid and no authorization to charge deposit account, see FP 14.24 and 14.26.07. Also resubmit TDs, and fees are required.

Double Patenting

4. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP §§ 706.02(l)(1) - 706.02(l)(3) for applications not subject to examination under the first inventor to file

provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/patent/patents-forms. The filing date of the application in which the form is filed determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to www.uspto.gov/patents/process/file/efs/guidance/eTD-info-1.jsp.

5. Claims 1-7, 14-22, and 29-40 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1-15 of U.S. Patent No. 9451084. Although the claims at issue are not identical, they are not patentably distinct from each other because the claims of the instant application are similar in scope and content of the patented claims issued to the same applicant.

Application # 15/269776	Patent # 9451084
1. A system for acquiring information from a plurality of sources in response to receiving naturally-spoken-speech commands provided by users via a voice-enabled	1. A system for acquiring information from one or more sources maintaining a listing of web sites by receiving speech commands uttered by users into a voice-

<p>device and for providing the information to the users in an audio form via the voice-enabled device, the system comprising: at least one computing device, the computing device operatively coupled to a plurality of communication networks; at least one media server including a speaker-independent-speech-recognition engine, the speaker-independent-speech-recognition engine operatively connected to the computing device and adapted to receive the naturally-spoken-speech commands and recognize phenomes in the naturally-spoken-speech commands to understand spoken words by a particular user and to generate recognition-results data, the media server processing the recognition-results data to identify key words and using the keywords to search the plurality of information sources; memory operatively associated with the computing device with at least one</p>	<p>enabled device and for providing information retrieved from the web sites to the users in an audio form via the voice-enabled device, the system comprising: at least one computing device, the computing device operatively coupled to one or more networks; at least one speaker-independent speech-recognition device, the speaker-independent speech-recognition device operatively connected to the computing device and configured to receive the speech commands; at least one speech-synthesis device, the speech-synthesis device operatively connected to the computing device; memory operatively associated with the computing device with at least one instruction set for identifying the information to be retrieved, the instruction set being associated with the computing device, the instruction set comprising: a plurality of web site addresses for the listing of web sites, each</p>
--	--

<p>instruction set for identifying the information to be retrieved from the plurality of sources, the instruction set being associated with the computing device, the instruction set further comprising: an indication of the plurality of sources, each identified by an address, at least one of the plurality sources containing the information to be retrieved; at least one recognition grammar associated with the computing device, each recognition grammar corresponding to each instruction set and corresponding to a naturally-spoken-speech command, the naturally-spoken-speech command comprising an information request provided by the user, the speaker-independent- speech-recognition device adapted to receive the naturally-spoken-speech command from the particular user via the voice-enabled device and to select the corresponding recognition grammar upon receiving the naturally-spoken-speech command to</p>	<p>web site address identifying a web site containing the information to be retrieved; at least one recognition grammar associated with the computing device, each recognition grammar corresponding to each instruction set and corresponding to a speech command, the speech command comprising an information request provided by the user, the speaker-independent speech-recognition device configured to receive the speech command from the users via the voice-enabled device and to select the corresponding recognition grammar upon receiving the speech command; the computing device configured to retrieve the instruction set corresponding to the recognition grammar provided by the speaker-independent speech-recognition device; the computing device further configured to access at least one of the plurality of web sites identified by the</p>
---	---

<p>convert the naturally-spoken-speech command into a data message for transmission to a network interface adapted to access the one or more communication networks; the computing device adapted to retrieve the instruction set corresponding to the recognition grammar provided by the speaker-independent-speech-recognition device and to access at least one of the plurality of information sources identified by the instruction set, in order to obtain at least a part of the information to be retrieved, the computing device further adapted to periodically search by the one or more communication networks to modify the plurality of information sources, the computing device adapted to access the plurality of information sources in a predetermined manner until the information to be retrieved is found; at least one speech-synthesis device, the speech-synthesis device operatively connected to</p>	<p>instruction set to obtain the information to be retrieved, wherein the computing device is further configured to periodically search via the one or more networks to identify new web sites and to add the new web sites to the plurality of web sites, the computing device configured to access a first web site of the plurality of web sites and, if the information to be retrieved is not found at the first web site, the computer configured to access the plurality of web sites remaining in an order defined for accessing the listing of web sites until the information to be retrieved is found in at least one of the plurality of web sites or until the plurality of web sites have been accessed; the speech synthesis device configured to produce an audio message containing any retrieved information from the plurality of web sites, and the speech synthesis device further configured to transmit the audio message to the users</p>
--	---

<p>the computing device; the speech synthesis device configured to produce an audio message containing any resulting information retrieved from the plurality of information sources, and the speech synthesis device further configured to transmit the audio message to the users via the voice-enabled device.</p>	<p>via the voice-enabled device.</p>
<p>2. The system of claim 1, wherein the plurality of communication networks include Internet.</p>	<p>2. The system of claim 1, wherein the one or more networks include the Internet.</p>
<p>3. The system of claim 1, wherein the plurality of communication networks include a local-area network.</p>	<p>3. The system of claim 1, wherein the one or more networks include a local-area network</p>
<p>4. The system of claim 1, wherein the voice-enabled device is at least one of a standard telephone, an IP telephone, a cellular phone, a PDA, a personal computer, a DVD player, a television or</p>	<p>4. The system of claim 1, wherein the voice-enabled device is at least one of a standard telephone, an IP telephone, a cellular phone, a PDA, a personal computer, a DVD player, a television or</p>

other video display device, a CD player, a MP3 player, and any other device capable of transmitting the audio message.	other video display device, a CD player, a MP3 player, and any other device capable of transmitting the audio message.
5. The system of claim 1, wherein the speaker-independent-speech-recognition device is adapted to analyze the phonemes to recognize conversational naturally-spoken-speech commands.	5. The system of claim 1, wherein the speaker-independent speech recognition device is configured to analyze phonemes to recognize the speech commands.
6. The system of claim 1, wherein the speaker-independent-speech-recognition device is adapted to recognize the naturally-spoken-speech commands.	6. The system of claim 1, wherein the speaker-independent speech-recognition device is configured to recognize naturally spoken speech commands.
7. The system of claim 1, wherein the instruction set further comprises: a content descriptor associated with each information-source address, the content descriptor pre- defining a portion of the information source containing the information to be retrieved.	7. The system of claim 1, wherein the instruction set further comprises: a content descriptor associated with each web site address, the content descriptor pre- defining a portion of the web site containing the information to be retrieved.
14. The system of claim 1, further comprising: a database operatively connected to the computing device, the	14. The system of claim 1, further comprising: a database operatively connected to the computing device, the

database adapted to store the information gathered from the information sources in response to the information requests.	database configured to store the information gathered from the web sites in response to the information requests.
15. The system of claim 14, wherein each recognition grammar and each instruction set are stored in the database.	15. The system of claim 14, wherein each recognition grammar and each instruction set are stored in the database.

6. Claims 1-7, 14-22, and 29-40, are rejected on the ground of nonstatutory double patenting as being unpatentable over claims 9-11, 13 and 15 of U.S. Patent No. 8185402. Although the claims at issue are not identical, they are not patentably distinct from each other because the claims of the instant application are similar in scope and content of the patented claims issued to the same applicant.

Application # 15/269776	Patent # 8185402
1. A system for acquiring information from a plurality of sources in response to receiving naturally-spoken-speech commands provided by users via a voice-enabled device and for providing the information to the users in an audio form via the voice-enabled device, the system comprising: at	9. A system for retrieving information from web sites by uttering speech commands into a phone and for providing to users retrieved information in an audio form via said phone, said system comprising: a computer, said computer operatively connected to the internet and to at least

<p>least one computing device, the computing device operatively coupled to a plurality of communication networks; at least one media server including a speaker-independent-speech-recognition engine, the speaker-independent-speech-recognition engine operatively connected to the computing device and adapted to receive the naturally-spoken-speech commands and recognize phenomes in the naturally-spoken-speech commands to understand spoken words by a particular user and to generate recognition-results data, the media server processing the recognition-results data to identify key words and using the keywords to search the plurality of information sources; memory operatively associated with the computing device with at least one instruction set for identifying the information to be retrieved from the plurality of sources, the instruction set being associated with the</p>	<p>one phone; at least one speaker-independent speech recognition engine, said speaker-independent speech recognition engine operatively connected to said computer; at least one speech synthesis engine, said speech synthesis engine operatively connected to said computer; a database, said database operatively connected to said computer, said database containing a plurality of web site addresses; a content descriptor associated with each said web site address, said content descriptor pre-defining a portion of said web site containing said information to be retrieved; a ranking from highest to lowest associated with each said web site address, said ranking indicating the order in which the plurality of web sites are accessed; said speaker-independent speech recognition engine configured to receive from users via said phone a</p>
--	---

<p>computing device, the instruction set further comprising: an indication of the plurality of sources, each identified by an address, at least one of the plurality sources containing the information to be retrieved; at least one recognition grammar associated with the computing device, each recognition grammar corresponding to each instruction set and corresponding to a naturally-spoken-speech command, the naturally-spoken-speech command comprising an information request provided by the user, the speaker-independent- speech-recognition device adapted to receive the naturally-spoken-speech command from the particular user via the voice-enabled device and to select the corresponding recognition grammar upon receiving the naturally-spoken-speech command to convert the naturally-spoken-speech command into a data message for transmission to a network interface adapted</p>	<p>speech command; said computer configured to access at least one of said plurality of web sites associated with said speech command to obtain said information to be retrieved, said computer configured to first access said web site having the highest ranking and, if said information to be retrieved is not found at said web site having the highest ranking, said computer configured to subsequently access said plurality of web sites in order of rankings until said information to be retrieved is found or until said plurality of web sites has been accessed; said computer further configured to establish or adjust said rankings associated with said plurality of web sites such that said web site having said information to be retrieved is assigned the highest ranking and any web sites not having said information to be retrieved are assigned lower rankings; said speech synthesis engine configured to</p>
--	---

<p>to access the one or more communication networks; the computing device adapted to retrieve the instruction set corresponding to the recognition grammar provided by the speaker-independent-speech-recognition device and to access at least one of the plurality of information sources identified by the instruction set, in order to obtain at least a part of the information to be retrieved, the computing device further adapted to periodically search by the one or more communication networks to modify the plurality of information sources, the computing device adapted to access the plurality of information sources in a predetermined manner until the information to be retrieved is found; at least one speech-synthesis device, the speech-synthesis device operatively connected to the computing device; the speech synthesis device configured to produce an audio message containing any resulting</p>	<p>produce an audio message containing any retrieved information from said web sites, and said speech synthesis engine further configured to transmit said audio message to said users via said phone.</p>
--	--

<p>information retrieved from the plurality of information sources, and the speech synthesis device further configured to transmit the audio message to the users via the voice-enabled device.</p>	
<p>2. The system of claim 1, wherein the plurality of communication networks include Internet.</p>	<p>13. The system of claim 9 wherein said internet is the Internet.</p>
<p>3. The system of claim 1, wherein the plurality of communication networks include a local-area network.</p>	<p>11. The system of claim 9 wherein said internet is a local area network.</p>
<p>4. The system of claim 1, wherein the voice-enabled device is at least one of a standard telephone, an IP telephone, a cellular phone, a PDA, a personal computer, a DVD player, a television or other video display device, a CD player, a MP3 player, and any other device capable of transmitting the audio message.</p>	<p>10. The system of claim 9 wherein said phone comprises a standard telephone, a cellular phone, or an IP phone.</p>

<p>5. The system of claim 1, wherein the speaker-independent-speech-recognition device is adapted to analyze the phonemes to recognize conversational naturally-spoken-speech commands.</p>	
<p>6. The system of claim 1, wherein the speaker-independent-speech-recognition device is adapted to recognize the naturally-spoken-speech commands.</p>	
<p>7. The system of claim 1, wherein the instruction set further comprises: a content descriptor associated with each information-source address, the content descriptor pre- defining a portion of the information source containing the information to be retrieved.</p>	
<p>12. The system of claim 11, wherein the computing device is adapted to consider the criteria with respect to one another when modifications to the pre-defined order for access are based on more than one of the plurality of criteria.</p>	

<p>13. The system of claim 12, wherein the computing device is adapted to access the plurality of information sources in the order pre-defined to retrieve the information requested by the user, the computing device further configured to access first the information source that is highest in the order pre-defined.</p>	
<p>14. The system of claim 1, further comprising: a database operatively connected to the computing device, the database adapted to store the information gathered from the information sources in response to the information requests.</p>	
<p>15. The system of claim 14, wherein each recognition grammar and each instruction set are stored in the database.</p>	

Response to Arguments

7. Please see the remarks directed toward the Terminal Disclaimers above.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vijay B. Chawan whose telephone number is (571)272-7601. The examiner can normally be reached on Monday through Thursday 6:30-5:00.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richemond Dorvil can be reached on (571) 272-7602. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Vijay B. Chawan/
Primary Examiner, Art Unit 2658

9/15/2017

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (03-15)

Approved for use through 07/31/2016. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15269776
	Filing Date	2016-09-19
	First Named Inventor	Alexander Kurganov
	Art Unit	2658
	Examiner Name	Vijay B. Chawan
	Attorney Docket Number	10115-05709 US

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
/V.B.C/	1	6477420	B1	2002-11-05	Struble et al.	
/V.B.C/	2	7003463	B1	2006-02-21	Maes et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS						Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS							Remove	
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button.

NON-PATENT LITERATURE DOCUMENTS						Remove
---------------------------------	--	--	--	--	--	--------

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		15269776
	Filing Date		2016-09-19
	First Named Inventor	Alexander Kurganov	
	Art Unit	2658	
	Examiner Name	Vijay B. Chawan	
	Attorney Docket Number	10115-05709 US	

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
/V.B.C/	1	Plaintiff Parus Holdings, Inc.'s Supplemental Responses to Defendant Web Telephony LLC's Second Set of Interrogatories (Nos. 13-17), Parus Holdings, Inc. v. Web Telephony LLC & Robert Swartz, Case No. 06- cv-01146 (N. D. Ill.), October 31, 2006, 31 pages.	
/V.B.C/	2	Judgment without Opinion for Parus Holdings Inc., v. Sallie Mae Bank, Navient Solutions Inc., PNC Bank, N.A., Suntrust Bank, Suntrust Mortgage Inc., 2016-1179, 2016-1180, 2016-1181, entered February 27, 2017 (2 pages).*	

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/VIJAY B CHAWAN/	Date Considered	09/01/2017
--------------------	------------------	-----------------	------------

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

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15269776
	Filing Date	2016-09-19
	First Named Inventor	Alexander Kurganov
	Art Unit	2658
	Examiner Name	Vijay B. Chawan
	Attorney Docket Number	10115-05709 US

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Reena Kuyper/	Date (YYYY-MM-DD)	2017-08-14
Name/Print	Reena Kuyper	Registration Number	33830


This collection of information is required by 37 CFR 1.97 and 1.98. 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 1 hour 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, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:


1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Index of Claims 	Application/Control No. 15269776	Applicant(s)/Patent Under Reexamination KURGANOV, ALEXANDER
	Examiner VIJAY B CHAWAN	Art Unit 2658

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	12/08/2016	04/01/2017	09/15/2017					
	1	✓	✓	✓					
	2	✓	✓	✓					
	3	✓	✓	✓					
	4	✓	✓	✓					
	5	✓	✓	✓					
	6	✓	✓	✓					
	7	✓	✓	✓					
	8	✓	-	-					
	9	✓	-	-					
	10	✓	-	-					
	11	✓	-	-					
	12	✓	-	-					
	13	✓	-	-					
	14	✓	✓	✓					
	15	✓	✓	✓					
	16	✓	✓	✓					
	17	✓	✓	✓					
	18	✓	✓	✓					
	19	✓	✓	✓					
	20	✓	✓	✓					
	21	✓	✓	✓					
	22	✓	✓	✓					
	23	✓	-	-					
	24	✓	-	-					
	25	✓	-	-					
	26	✓	-	-					
	27	✓	-	-					
	28	✓	-	-					
	29	✓	-	-					
	30	✓	✓	✓					
	31		✓	✓					
	32		✓	✓					
	33		✓	✓					
	34		✓	✓					
	35		✓	✓					
	36		✓	✓					

<i>Index of Claims</i> 	Application/Control No. 15269776	Applicant(s)/Patent Under Reexamination KURGANOV, ALEXANDER
	Examiner VIJAY B CHAWAN	Art Unit 2658

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47			
CLAIM		DATE							
Final	Original	12/08/2016	04/01/2017	09/15/2017					
	37		✓	✓					
	38		✓	✓					
	39		✓	✓					
	40		✓	✓					

WEST Search History for Application 15269776

Creation Date: 2017091511:03

Prior Art Searches

Query	DB	Hits	Op.	Plur.	Thes.	Date
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	91	OR	YES		12-08-2016
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	PGPB	13	OR	YES		12-08-2016
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	USPT	36	OR	YES		12-08-2016
(kurganov-\$.in.)	USPT	26	OR	YES		12-08-2016
((kurganov-\$.in.) and voice)	PGPB,	38	OR	YES		12-08-2016

	USPT					
((kurganov-\$.in.) and voice)	PGPB, USPT	38	OR	YES		12-08-2016
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	42	OR	YES		12-08-2016
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information)) and (recogni\$6 near2 grammar))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	19	OR	YES		12-08-2016
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar)) and poll\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	7	OR	YES		12-08-2016
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	7	OR	YES		12-08-2016
((kurganov-\$.in.) and voice))	USPT	15	OR	YES		12-08-2016
((kurganov-\$.in.) and voice))	PGPB	23	OR	YES		12-08-2016
((kurganov-\$.in.) and voice)) McFadden	PGPB, USPT	6628	OR	YES		12-08-2016
((kurganov-\$.in.) and voice)) and s\$-McFadden.xa.	PGPB, USPT	0	OR	YES		12-08-2016
((kurganov-\$.in.) and voice)) and s\$-McFadden.xp.	PGPB, USPT	0	OR	YES		12-08-2016

(H04M2201/40 H04M3/4938 H04M2201/39 H04M2203/609 H04M3/382 H04M2201/60 H04M2203/105 H04M3/4878 H04M3/493 H04M3/4931 H04M7/12).CPC.	PGPB, USPT	11646	OR	YES		12-08-2016
(G10L15/26 G10L15/265 G10L15/22 G10L15/222 G10L25/48).CPC.	PGPB, USPT	10728	OR	YES		12-08-2016
(G06F3/16 G06F17/30873 G06F2216/15).CPC.	PGPB, USPT	5594	OR	YES		12-08-2016
(704/270.1 704/275 704/200 704/270 704/246 704/272).CCLS.	PGPB, USPT	10840	OR	YES		12-08-2016
(379/88.17 379/88.01).CCLS.	PGPB, USPT	3264	OR	YES		12-08-2016
(707/707707/999.01 707/999.101 707/999.102).CCLS.	PGPB, USPT	13063	OR	YES		12-08-2016
(709/205 709/219 709/227).CCLS.	PGPB, USPT	31584	OR	YES		12-08-2016
(713/168 713/182 713/186).CCLS.	PGPB, USPT	13521	OR	YES		12-08-2016
(715/733 719/310 726/3).CCLS.	PGPB, USPT	9664	OR	YES		12-08-2016
(707/707 707/999.01 707/999.101 707/999.102).CCLS.	PGPB, USPT	23374	OR	YES		12-08-2016
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	91	OR	YES		04-01-2017
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427	PGPB	13	OR	YES		04-01-2017

20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)						
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	USPT	36	OR	YES		04-01-2017
(kurganov-\$.in.)	USPT	27	OR	YES		04-01-2017
((kurganov-\$.in.) and voice)	PGPB, USPT	40	OR	YES		04-01-2017
((kurganov-\$.in.) and voice)	PGPB, USPT	40	OR	YES		04-01-2017
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	42	OR	YES		04-01-2017
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information)) and (recogni\$6 near2 grammar))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	19	OR	YES		04-01-2017
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar)) and poll\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	7	OR	YES		04-01-2017
		7	OR	YES		04-01-2017

((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS					
((kurganov-\$in.) and voice))	USPT	16	OR	YES		04-01-2017
((kurganov-\$in.) and voice))	PGPB	24	OR	YES		04-01-2017
((kurganov-\$in.) and voice)) McFadden	PGPB, USPT	6779	OR	YES		04-01-2017
((kurganov-\$in.) and voice)) and s\$-McFadden.xa.	PGPB, USPT	0	OR	YES		04-01-2017
((kurganov-\$in.) and voice)) and s\$-McFadden.xp.	PGPB, USPT	0	OR	YES		04-01-2017
(("20010047262" "20040193427" "20080189113" "20020104025" "20060190265" "20110091023")!.PN.).PGPB. ("8874446" "8131555" "7076431" "6859776" "7185197" "6721705" "6144991" "7974875" "9451084" "7386455" "7881941" "8185402" "5926789")!.PN.).USPT.	PGPB, USPT	19	OR	YES		04-01-2017
((H04M2201/40) (H04M3/4938) (H04M2201/39) (H04M2203/609) (H04M3/382) (H04M2201/60) (H04M2203/105) (H04M3/4878) (H04M3/493) (H04M3/4931) (H04M7/12)).CPC.	PGPB, USPT	11919	OR	YES		04-01-2017
((G10L15/26) (G10L15/265) (G10L15/22) (G10L15/222) (G10L25/48)).CPC.	PGPB, USPT	11365	OR	YES		04-01-2017
((G06F3/16) (G06F17/30873) (G06F2216/15)).CPC.	PGPB, USPT	5940	OR	YES		04-01-2017
((704/270.1) (704/275) (704/200) (704/270) (704/246) (704/272)).CCLS.	PGPB, USPT	10847	OR	YES		04-01-2017
((379/88.17) (379/88.01)).CCLS.	PGPB, USPT	3265	OR	YES		04-01-2017
((707/707707) (707/999.101) (707/999.102)).CCLS.	PGPB, USPT	13063	OR	YES		04-01-2017
((709/205) (709/219) (709/227)).CCLS.	PGPB, USPT	31620	OR	YES		04-01-2017

((713/168) (713/182) (713/186)).CCLS.	PGPB, USPT	13528	OR	YES		04-01-2017
((715/733) (719/310) (726/3)).CCLS.	PGPB, USPT	9668	OR	YES		04-01-2017
((707/707) (707/999.01) (707/999.101) (707/999.102)).CCLS.	PGPB, USPT	23374	OR	YES		04-01-2017
((707/707) (707/999.01) (707/999.101) (707/999.102)).CCLS.) and @pd > 20161208	PGPB, USPT	0	OR	YES		04-01-2017
(((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6))) and @pd > 20161208	PGPB, USPT	0	OR	YES		04-01-2017
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	98	OR	YES		09-15-2017
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721 20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)	PGPB	13	OR	YES		09-15-2017
((6104790 6141413 5764906 5838682 5898839 5926789 5946633 5963908 5983351 6101537 6108406 6112233 6134235 6144991 6282515 6317594 6438601 6687734 6721705 6859776 6950946 7076431 7170993 7185197 7213027 7386455 7526539 7676500 7881941 7974875 7881941 8131555 8185402 8543622 8874446 9324083 9451084 20010047262 20020004721	USPT	36	OR	YES		09-15-2017

20020104025 20040153368 20040193427 20050091123 20060190265 20070050413 20070156435 20080189113 20100223300 20100235201 20110091023).pn.)						
(kurganov-\$.in.)	USPT	27	OR	YES		09-15-2017
((kurganov-\$.in.) and voice)	PGPB, USPT	40	OR	YES		09-15-2017
((kurganov-\$.in.) and voice)	PGPB, USPT	40	OR	YES		09-15-2017
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	44	OR	YES		09-15-2017
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information)) and (recogni\$6 near2 grammar))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	19	OR	YES		09-15-2017
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	7	OR	YES		09-15-2017
((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD, FPRS	7	OR	YES		09-15-2017
((kurganov-\$.in.) and voice)	USPT	16	OR	YES		09-15-2017
((kurganov-\$.in.) and voice)	PGPB	24	OR	YES		09-15-2017
((kurganov-\$.in.) and voice)) McFadden		7049	OR	YES		09-15-2017

	PGPB, USPT					
((kurganov-\$in.) and voice)) and s\$-McFadden.xa.	PGPB, USPT	0	OR	YES		09-15-2017
((kurganov-\$in.) and voice)) and s\$-McFadden.xp.	PGPB, USPT	0	OR	YES		09-15-2017
(("20010047262" "20040193427" "20080189113" "20020104025" "20060190265" "20110091023")!.PN.).PGPB. ("8874446" "8131555" "7076431" "6859776" "7185197" "6721705" "6144991" "7974875" "9451084" "7386455" "7881941" "8185402" "5926789")!.PN.).USPT.	PGPB, USPT	19	OR	YES		09-15-2017
((H04M2201/40) ((H04M3/4938) ((H04M2201/39) ((H04M2203/609) ((H04M3/382) ((H04M2201/60) ((H04M2203/105) ((H04M3/4878) ((H04M3/493) ((H04M3/4931) ((H04M7/12))).CPC.	PGPB, USPT	12169	OR	YES		09-15-2017
((G10L15/26) ((G10L15/265) ((G10L15/22) ((G10L15/222) ((G10L25/48))).CPC.	PGPB, USPT	12223	OR	YES		09-15-2017
((G06F3/16) ((G06F17/30873) ((G06F2216/15))).CPC.	PGPB, USPT	6254	OR	YES		09-15-2017
((704/270.1) ((704/275) ((704/200) ((704/270) ((704/246) ((704/272))).CCLS.	PGPB, USPT	10849	OR	YES		09-15-2017
((379/88.17) ((379/88.01))).CCLS.	PGPB, USPT	3265	OR	YES		09-15-2017
((707/707707) ((707/999.101) ((707/999.102))).CCLS.	PGPB, USPT	13063	OR	YES		09-15-2017
((709/205) ((709/219) ((709/227))).CCLS.	PGPB, USPT	31644	OR	YES		09-15-2017
((713/168) ((713/182) ((713/186))).CCLS.	PGPB, USPT	13540	OR	YES		09-15-2017
((715/733) ((719/310) ((726/3))).CCLS.	PGPB, USPT	9673	OR	YES		09-15-2017
((707/707) ((707/999.01) ((707/999.101) ((707/999.102))).CCLS.	PGPB, USPT	23375	OR	YES		09-15-2017
((707/707) ((707/999.01) ((707/999.101) ((707/999.102))).CCLS.) and @pd > 20161208	PGPB, USPT	0	OR	YES		09-15-2017

<p>(((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6))) and @pd > 20161208</p>	<p>PGPB, USPT</p>	<p>0</p>	<p>OR</p>	<p>YES</p>		<p>09-15-2017</p>
<p>(((natural\$5 near3 (spoken or speech or vocal or voice)) and (speaker near2 independent) and (speech near2 command) and (identif\$6 near2 information) and (recogni\$6 near2 grammar) and poll\$3) and (speech near2 synthes\$6)) and @pd > 20161208) and @pd > 20170401</p>	<p>PGPB, USPT</p>	<p>0</p>	<p>OR</p>	<p>YES</p>		<p>09-15-2017</p>




UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIB DATA SHEET

CONFIRMATION NO. 2723

SERIAL NUMBER	FILING or 371(c) DATE RULE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
15/269,776	09/19/2016	704	2658	10115-05709 US		
APPLICANTS Parus Holdings, Inc., Bannockburn, IL; INVENTORS Alexander Kurganov, Buffalo Grove, IL; ** CONTINUING DATA ***** This application is a CON of 13/462,819 05/03/2012 PAT 9451084 which is a CON of 12/973,475 12/20/2010 PAT 8185402 which is a CON of 12/030,556 02/13/2008 PAT 7881941 which is a CON of 11/409,703 04/24/2006 PAT 7386455 which is a CON of 10/821,690 04/09/2004 PAT 7076431 which is a CON of 09/776,996 02/05/2001 PAT 6721705 which claims benefit of 60/233,068 09/15/2000 and claims benefit of 60/180,344 02/04/2000 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 10/06/2016						
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and Acknowledged <u>/VIJAY B CHAWAN/</u> <small>Examiner's Signature</small>		<input type="checkbox"/> Met after Allowance <small>Initials</small>	STATE OR COUNTRY IL	SHEETS DRAWINGS 4	TOTAL CLAIMS 30	INDEPENDENT CLAIMS 2
ADDRESS Patent Law Works, LLP 201 South Main Street, Suite 250 Salt Lake City, UT 84111 UNITED STATES						
TITLE Robust voice browser system and voice activated device controller						
FILING FEE RECEIVED 1200	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit			

Search Notes 	Application/Control No. 15269776	Applicant(s)/Patent Under Reexamination KURGANOV, ALEXANDER
	Examiner VIJAY B CHAWAN	Art Unit 2658

CPC- SEARCHED		
Symbol	Date	Examiner
G10L 15/26, 15/265, 15/22, 15/222, 25/48	12-8-16	vbc
H04M 2201/40, 3/4938, 2201/39, 2203/609, 3/382, 2201/60, 2203/105	12-8-16	vbc
G06F 3/16, 17/30873, 2216/15	vbc	12-8-16

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
704	270.1, 275, 200, 270, 246, 272	vbc	12-8-16
379	88.17, 88.01	vbc	12-8-16
707	707, 999.01, 999.101, 999.102	vbc	12-8-16
709	205, 219, 227	vbc	12-8-16
713	168, 182, 186	vbc	12-8-16
715	733	vbc	12-8-16
719	310	vbc	12-8-16
726	3	vbc	12-8-16

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.


SEARCH NOTES		
Search Notes	Date	Examiner
See attached PLUS and WEST searches	vbc	12-8-16
See attached updated WEST search	vbc	4-1-17
See attached updated WEST search	vbc	9-15-17

--	--

INTERFERENCE SEARCH

US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

--	--


Application Number 	Application/Control No. 15/269,776	Applicant(s)/Patent under Reexamination KURGANOV, ALEXANDER

Document Code - DISQ	Internal Document – DO NOT MAIL
-----------------------------	--

TERMINAL DISCLAIMER	<input checked="" type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED
Date Filed : 3/13/17	This patent is subject to a Terminal Disclaimer	

Approved/Disapproved by: Lawana Hixon

U.S. Patent and Trademark Office

Application Number 	Application/Control No. 15/269,776	Applicant(s)/Patent under Reexamination KURGANOV, ALEXANDER	

Document Code - DISQ	Internal Document – DO NOT MAIL
-----------------------------	--

TERMINAL DISCLAIMER	<input type="checkbox"/> APPROVED	<input checked="" type="checkbox"/> DISAPPROVED
Date Filed : 3/13/17	This patent is subject to a Terminal Disclaimer	

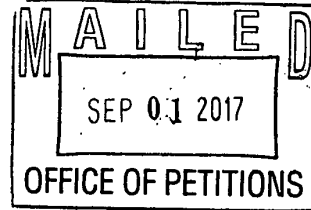
Approved/Disapproved by: Td disapproved (prior patent: 9451084 & 8185402). Td fee not paid and no authorization to charged deposit account, see FP 14.24 and 14.26.07. Also resubmit Td, NO Fee required. Lawana Hixon



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Patent Law Works, LLP
201 South Main Street, Suite 250
Salt Lake City UT 84111



In re Application of :
Kurganov :
Application No.: 15/269,776 : ON PETITION
Filed: September 19, 2016 :
Atty. Docket No.: 10115-05709 US :

This is a decision on the renewed petition under 37 CFR 1.78(c) and (e), filed August 14, 2017, to accept an unintentionally delayed claim under 35 U.S.C. 119(e) and 120 for the benefit of priority to the prior-filed applications listed in the concurrently filed application data sheet (“ADS”). In addition, this decision addresses the petition under 37 CFR 1.182, filed August 14, 2017, to expedite consideration of the aforementioned delayed benefit petition.

The petition under 37 CFR 1.182 is **GRANTED**. The constructive petition under 37 CFR 1.78 (c) and (e), filed August 14, 2017, is being taken up for consideration in an expedited manner.

The petition under 37 CFR 1.78(c) and (e) is **GRANTED**.

A petition for acceptance of a claim for late priority under 37 CFR 1.78(c) and 1.78(e) is only applicable to those applications in which a proper benefit claim is filed after the expiration of the period specified in 37 CFR 1.78(a)(4) and 1.78(d)(3).

The petition under 37 CFR 1.78(c) and 1.78(e) must be accompanied by:

- (1) the reference required by 35 U.S.C. 120 and 119(e) and 37 CFR 1.78(d)(2) and 1.78(a)(3) of the prior-filed application, which must be filed in an Application Data Sheet¹;
- (2) the petition fee set forth in § 1.17(m); and
- (3) a statement that the entire delay between the date the claim was due under 37 CFR 1.78(d)(3) and 1.78(a)(4) and the date the claim was filed was unintentional. The Director may require additional where there is a question whether the delay was unintentional.

¹ 37 CFR 1.78(d)(2) explicitly requires the reference to be presented in an ADS.

A nonprovisional application in the priority chain claiming the benefit of each prior-filed provisional application must have been filed within twelve months of the filing date of the prior-filed provisional application.


All the above requirements having been satisfied, the late claim for benefit of priority under 35 U.S.C. 120 and 119(e) is accepted as being unintentionally delayed.

Petitioner is advised that this decision grants the petition to accept the unintentionally delayed domestic benefit claim to the prior filed applications because the petition requirements of 37 CFR 1.78(c) and (e) and the formal requirements for claiming domestic benefit (see MPEP 211.01 et. seq.) have been met. This acceptance should not be construed as meaning that this application is entitled to the benefit of the prior-filed applications. Whether a claimed invention in a nonprovisional application is entitled to the benefit of the filing date of a prior-filed application on the basis of the disclosure thereof is determined during examination if it becomes necessary to do so (e.g., intervening reference and interference proceeding). See MPEP 211.05.

A corrected Filing Receipt, which includes the priority claim to the prior-filed applications, accompanies this decision on petition.

Any questions concerning this decision may be directed to the undersigned at (571) 272-3230. All other inquiries concerning either the examination procedures or status of the application should be directed to the Technology Center.

This application is being forwarded to Technology Center Art Unit 2658 for consideration by the examiner of the claim under 35 U.S.C. 120 and 119(e) of the prior-filed nonprovisional and provisional applications and the IDS, filed August 14, 2017.


Shirene Willis Brantley
Attorney Advisor
Office of Petitions

Enclosure: Corrected Filing Receipt



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY.DOCKET.NO, TOT CLAIMS, IND CLAIMS. Row 1: 15/269,776, 09/19/2016, 2658, 1200, 10115-05709 US, 30, 2

CONFIRMATION NO. 2723
CORRECTED FILING RECEIPT

93219
Patent Law Works, LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111



Date Mailed: 08/31/2017

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s) Alexander Kurganov, Buffalo Grove, IL;
Applicant(s) Parus Holdings, Inc., Bannockburn, IL;

Power of Attorney: The patent practitioners associated with Customer Number 93219

Domestic Priority data as claimed by applicant
This application is a CON of 13/462,819 05/03/2012 PAT 9451084
which is a CON of 12/973,475 12/20/2010 PAT 8185402
which is a CON of 12/030,556 02/13/2008 PAT 7881941
which is a CON of 11/409,703 04/24/2006 PAT 7386455
which is a CON of 10/821,690 04/09/2004 PAT 7076431
which is a CON of 09/776,996 02/05/2001 PAT 6721705
which claims benefit of 60/233,068 09/15/2000
and claims benefit of 60/180,344 02/04/2000

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 10/06/2016

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 15/269,776**

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

**** SMALL ENTITY ****

Title

Robust voice browser system and voice activated device controller

Preliminary Class

704

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific

page 2 of 4

countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop

technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 2723

SERIAL NUMBER 15/269,776	FILING OR 371(c) DATE 09/19/2016 RULE	CLASS 704	GROUP ART UNIT 2658	ATTORNEY DOCKET NO. 10115-05709 US
------------------------------------	---	---------------------	-------------------------------	--

AIA (First Inventor to File): YES

INVENTORS

Alexander Kurganov, Buffalo Grove, IL;

APPLICANTS

Parus Holdings, Inc., Bannockburn, IL;

**** CONTINUING DATA *******

This application is a CON of 13/462,819 05/03/2012 PAT 9451084
 which is a CON of 12/973,475 12/20/2010 PAT 8185402
 which is a CON of 12/030,556 02/13/2008 PAT 7881941
 which is a CON of 11/409,703 04/24/2006 PAT 7386455
 which is a CON of 10/821,690 04/09/2004 PAT 7076431
 which is a CON of 09/776,996 02/05/2001 PAT 6721705
 which claims benefit of 60/233,068 09/15/2000
 and claims benefit of 60/180,344 02/04/2000

**** FOREIGN APPLICATIONS *******

IF REQUIRED, FOREIGN FILING LICENSE
 GRANTED ** 10/06/2016

** SMALL ENTITY **

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY IL	SHEETS DRAWING 4	TOTAL CLAIMS 30	INDEPENDENT CLAIMS 2	
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance					
Verified and Acknowledged	Examiner's Signature	Initials			

ADDRESS

93219

TITLE

Robust voice browser system and voice activated device controller

All Fees

**FILING FEE
RECEIVED
1200**

FEES: Authority has been given in Paper
No. _____ to charge/credit DEPOSIT ACCOUNT
No. _____ for following:

<input type="checkbox"/> 1.16 Fees (Filing)
<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
<input type="checkbox"/> 1.18 Fees (Issue)
<input type="checkbox"/> Other _____
<input type="checkbox"/> Credit



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 15/269,776, 09/19/2016, 2658, 1200, 10115-05709 US, 30, 2

CONFIRMATION NO. 2723
CORRECTED FILING RECEIPT

93219
Patent Law Works, LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111



Date Mailed: 08/31/2017

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s) Alexander Kurganov, Buffalo Grove, IL;
Applicant(s) Parus Holdings, Inc., Bannockburn, IL;

Power of Attorney: The patent practitioners associated with Customer Number 93219

Domestic Priority data as claimed by applicant
This application is a CON of 13/462,819 05/03/2012 PAT 9451084
which is a CON of 12/973,475 12/20/2010 PAT 8185402
which is a CON of 12/030,556 02/13/2008 PAT 7881941
which is a CON of 11/409,703 04/24/2006 PAT 7386455
which is a CON of 10/821,690 04/09/2004 PAT 7076431
which is a CON of 09/776,996 02/05/2001 PAT 6721705
which claims benefit of 60/233,068 09/15/2000
and claims benefit of 60/180,344 02/04/2000

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes
Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 10/06/2016

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 15/269,776**

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

**** SMALL ENTITY ****

Title

Robust voice browser system and voice activated device controller

Preliminary Class

704

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific

page 2 of 4

countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop

technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Robust Voice Browser System and Voice Activated Device
Controller
EXAMINER: Vijay B. Chawan
GROUP ART UNIT: 2658
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic system (EFS-Web) to the USPTO on the date shown below:

Dated: 08-14-2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33,830

COMMISSIONER FOR PATENTS
OFFICE OF INITIAL PATENT EXAMINATION
CUSTOMER SERVICE CENTER
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

PETITION TO EXPEDITE UNDER 37 CFR 1.181

Sir/Madam:

Applicant respectfully requests that consideration of the Petition to Add Unintentionally Delayed Domestic Benefit with associated documents filed concurrently herewith, be expedited. The required payment in the amount of \$200 for this petition as set forth in 37 CFR § 1.17(f) is enclosed.

Page 1 of 2

Application No. 15/269,776

Atty. Dkt. No. 10115-05709 US

Respectfully submitted,

Dated: 08-14-2017

By: /Reena Kuyper/

Reena Kuyper, Reg. No. 33830

Of

PATENT LAW WORKS LLP

201 South Main Street, Suite 250

Salt Lake City, UT 84111

Tel.: (650) 537-4509

Fax: (801) 355-0160

Email: rkuyper@patentlawworks.net

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Robust Voice Browser System and Voice Activated Device
Controller
EXAMINER: Vijay B. Chawan
GROUP ART UNIT: 2658
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic system (EFS-Web) to the USPTO on the date shown below:

Dated: August 14, 2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33,830

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

**RENEWED PETITION TO ACCEPT AN UNINTENTIONALLY DELAYED
DOMESTIC BENEFIT CLAIM UNDER 37 CFR 1.78(C)**

Sir/Madam:

The applicant requests addition of a priority claim under 35 U.S.C. 119(e) for the benefit of prior-filed applications. The entire delay between the date the claim was due under 37 CFR 1.78(a)(4) and the date this claim is being re-filed is unintentional.

(continued)

Page 1 of 4

Application No. 15/269,776

Atty. Dkt. No. 10115-05709 US

PETITION TO ACCEPT AN UNINTENTIONALLY DELAYED DOMESTIC BENEFIT

CLAIM UNDER 37 CFR 1.78(C)

Please note the following facts:

- The present continuation application, 15/269,776, filed on September 19, 2016, accurately disclosed the correct priority data under the Cross-Reference to Related Applications section (first page of the continuation specification, *Exhibit A*). The original Application Data Sheet (*Exhibit B*) inadvertently listed an inaccurate priority chain in the Domestic Benefit/National Stage Information section.
- In a first Request for Corrected Filing Receipt filed on September 20th, 2016, (*Exhibit B1*) Applicant noted that the box requesting no publication of the application was inadvertently checked in the original Application data sheet, and submitted a first Substitute Application Data Sheet (*Exhibit B2*) with that box unchecked.
- In a second Request for Corrected Filing Receipt filed on September 21, 2016, (*Exhibit B3*) Applicant noted that the original Application Data Sheet (*Exhibit B*) inadvertently indicated a priority chain that was inconsistent with the priority chain in the continuation specification, and submitted a second Substitute Application Data Sheet noting the correct priority chain (*Exhibit C*).
- No response to the first and second Requests were received from the U.S. Patent and Trademark Office. A filing receipt was issued on October 10, 2016, indicating no priority chain and acknowledging a non-publication request. Therefore, on February 10, 2017, after telephone conversations with the U.S.

Patent Office's Application's Assistant Unit (February 9, 2017), Applicant submitted a revised third Request for Corrected Filing Receipt with a third Substitute Application Data Sheet showing the updated domestic priority data by underlining (*Exhibit D*).

- The first and second Request for Corrected Filing Receipt remain unanswered, yet the Patent Office has responded to the follow-up third Request for Corrected Filing Receipt, indicating that it was filed after the 4 months window allotted for correcting the priority chain; therefore, the Patent Office has denied (*Exhibit E*) the follow-up request on that basis. In view of the fact that the first and second Requests for Corrected Filing Receipt were filed within one and two days of the original continuation application and there is still no response from the Patent Office to those Requests, the Patent Office should consider the Requests filed to date timely and correct the filing receipt.

Nonetheless, Applicant is submitting the third Request for Corrected Filing Receipt and Substitute Application Data Sheet with a renewed petition (in accordance with the recommendation noted in the decision mailed on August 2, 2017, and received on August 7th, 2017) and requests that a corrected filing receipt be issued as the first and second Requests for Corrected Filing Receipt were timely filed on September 20 & 21, 2016, for which a response from the U.S. Patent Office was never received. In addition, the erroneous filing receipt issued on October 10, 2016 is submitted with this petition, with mark-ups to indicate the proper chain of priority (*Exhibit F*).

(continued)

PETITION TO ACCEPT AN UNINTENTIONALLY DELAYED DOMESTIC BENEFIT

CLAIM UNDER 37 CFR 1.78(C)

Applicant also hereby encloses the necessary fee set forth in § 1.17(m) and requests an Updated Filing Receipt be issued.

Respectfully submitted,

Dated: August 14, 2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33,830
Of
PATENT LAW WORKS LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111
Tel.: (650) 537-4509
Fax: (801) 355-0160
Email: rkuyper@patentlawworks.net

RBK:jab

Exhibit A

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

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application is a continuation of Application Serial No. 13/462,819, entitled "Robust Voice Browser System and Voice Activated Device Controller," filed May 3, 2012, which is a continuation of Application Serial No. 12/973,475, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed December 20, 2010, which is a continuation of Application Serial No. 12/030,556, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 13, 2008, now U.S. Patent No. 7,881,941, which is a continuation application of Application Serial No. 11/409,703, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 24, 2006, now US Patent No. 7,386,455, which is a continuation application of Application Serial No. 10/821,690, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 9, 2004, now US Patent No. 7,076,431, which is a continuation application of Application Serial No. 09/776,996, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 5, 2001, now US Patent No. 6,721,705, which claims priority to U.S. Provisional Application Serial No. 60/180,344, entitled "Voice Activated Information Retrieval System," filed February 4, 2000 and U.S. Provisional Application No. 60/233,068, filed September 15, 2000, entitled "Robust Voice Browser System and Voice Activated Device Controller, all assigned to the assignee of the present application. The subject matter in the above-identified co-pending and commonly owned applications is incorporated herein by reference.

Exhibit B

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

<input type="checkbox"/>	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
--------------------------	---

Inventor Information:

Inventor 1 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Alexander		Kurganov	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Buffalo Grove	State/Province	IL	Country of Residence
				US
Mailing Address of Inventor:				
Address 1	c/o Parus Holdings, Inc.			
Address 2	3000 Lakeside Drive, Suite 110S			
City	Bannockburn	State/Province	IL	
Postal Code	60015	Country	US	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. Add				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).			
<input type="checkbox"/> An Address is being provided for the correspondence information of this application.			
Customer Number	93219		
Email Address	docketing@patentlawworks.net	Add Email	Remove Email

Application Information:

Title of the Invention	Personal Voice-Based Information Retrieval System		
Attorney Docket Number	10115-05709 US	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

Request Early Publication (Fee required at time of Request 37 CFR 1.219)

Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer number will be used for the Representative information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	93219		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation of	12787801	2010-05-26

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		

Prior Application Status	Abandoned		Remove		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
12787801	Continuation of	11771773	2007-06-29		
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
11771773	Continuation of	09777406	2001-02-26	7516190	2009-04-07
Prior Application Status	Expired		Remove		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
09777406	Claims benefit of provisional	60180343	2000-02-04		
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.					

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)¹ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Application Number	Country ¹	Filing Date (YYYY-MM-DD)	Access Code ¹ (if applicable)	Remove
Additional Foreign Priority Data may be generated within this form by selecting the Add button.				

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

- Assignee
 Legal Representative under 35 U.S.C. 117
 Joint Inventor
 Person to whom the inventor is obligated to assign.
 Person who shows sufficient proprietary interest

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here.

Organization Name

Mailing Address Information For Applicant:

Address 1	3000 Lakeside Drive, Suite 110S		
Address 2			
City	Bannockburn	State/Province	IL
Country	US	Postal Code	60015
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button.

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US	
		Application Number		
Title of Invention	Personal Voice-Based Information Retrieval System			

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

If the Assignee or Non-Applicant Assignee is an Organization check here.

Prefix	Given Name	Middle Name	Family Name	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1				
Address 2				
City		State/Province		
Country ⁱ		Postal Code		
Phone Number		Fax Number		
Email Address				

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Reena Kuyper/		Date (YYYY-MM-DD)	2016-09-19
First Name	Reena	Last Name	Kuyper	Registration Number
				33830

Additional Signature may be generated within this form by selecting the Add button.

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System	

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the international Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Exhibit B1

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Robust Voice Browser System and Voice Activated Device
Controller
EXAMINER: Not Yet Known
GROUP ART UNIT: Not Yet Known
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION

Pursuant to 240 OG 45 and the Legal Framework For EFS-Web, I hereby certify that this follow-on correspondence is being officially submitted through the USPTO EFS-Web system from the Eastern Time Zone of the United States on the local date shown below:

Dated: 09/20/2016 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33830

COMMISSIONER FOR PATENTS
OFFICE OF INITIAL PATENT EXAMINATION
CUSTOMER SERVICE CENTER
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Sir/Madam:

A Substitute Application Data Sheet is attached which corrects the following error:

- Removes the check box for Request Not to Publish as seen on page 2.

Enclosed please find the following supporting document:

- Substitute Application Data Sheet (clean) with Request Not to Publish unchecked

REQUEST FOR CORRECTED FILING RECEIPT CONT.

There are no other differences from the substitute and the first Application Data Sheet filed on September 19, 2016.

Please issue a corrected Filing Receipt rectifying these errors.

Respectfully submitted,
ALEXANDER KURGANOV

Dated: 09/20/2016 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33830
Attorney for Applicant
PATENT LAW WORKS LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111
Tel.: (650) 537-4509
Fax: (801) 355-0160
Email: rkuyper@patentlawworks.net

Exhibit B2

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)
 Approved for use through 04/30/2017. OMB 0651-0032
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Alexander		Kurganov	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Buffalo Grove	State/Province	IL	Country of Residence
				US
Mailing Address of Inventor:				
Address 1	c/o Parus Holdings, Inc.			
Address 2	3000 Lakeside Drive, Suite 110S			
City	Bannockburn	State/Province	IL	
Postal Code	60015	Country	US	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. Add				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
 For further information see 37 CFR 1.33(a).

An Address is being provided for the correspondence information of this application.

Customer Number	93219
Email Address	docketing@patentlawworks.net Add Email Remove Email

Application Information:

Title of the Invention	Personal Voice-Based Information Retrieval System		
Attorney Docket Number	10115-05709 US	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

Request Early Publication (Fee required at time of Request 37 CFR 1.219)

Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer number will be used for the Representative information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	93219		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation of	12787801	2010-05-26

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		

Prior Application Status	Abandoned		Remove		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
12787801	Continuation of	11771773	2007-06-29		
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
11771773	Continuation of	09777406	2001-02-26	7516190	2009-04-07
Prior Application Status	Expired		Remove		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
09777406	Claims benefit of provisional	60180343	2000-02-04		
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.					

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)¹ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Application Number	Country ¹	Filing Date (YYYY-MM-DD)	Access Code ¹ (if applicable)	Remove
Additional Foreign Priority Data may be generated within this form by selecting the Add button.				

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System	

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Assignee
 Legal Representative under 35 U.S.C. 117
 Joint Inventor

Person to whom the inventor is obligated to assign.
 Person who shows sufficient proprietary interest

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here.

Organization Name: Parus Holdings, Inc.

Mailing Address Information For Applicant:

Address 1	3000 Lakeside Drive, Suite 110S		
Address 2			
City	Bannockburn	State/Province	IL
Country	US	Postal Code	60015
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button.

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US	
		Application Number		
Title of Invention	Personal Voice-Based Information Retrieval System			

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

If the Assignee or Non-Applicant Assignee is an Organization check here.

Prefix	Given Name	Middle Name	Family Name	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1				
Address 2				
City		State/Province		
Country ⁱ		Postal Code		
Phone Number		Fax Number		
Email Address				

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Reena Kuyper/		Date (YYYY-MM-DD)	2016-09-20
First Name	Reena	Last Name	Kuyper	Registration Number
				33830

Additional Signature may be generated within this form by selecting the Add button.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System	

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

SUBSTITUTE APPLICATION DATA SHEET

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the international Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Exhibit B3

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Robust Voice Browser System and Voice Activated Device
Controller
EXAMINER: Not Yet Assigned
GROUP ART UNIT: Not Yet Assigned
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION

Pursuant to 240 OG 45 and the Legal Framework For EFS-Web, I hereby certify that this follow-on correspondence is being officially submitted through the USPTO EFS-Web system from the Eastern Time Zone of the United States on the local date shown below:

Dated: September 21st, 2016 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33830

COMMISSIONER FOR PATENTS
OFFICE OF INITIAL PATENT EXAMINATION
CUSTOMER SERVICE CENTER
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Sir/Madam:

The priority data as seen in the Domestic Benefit/National Stage Information Section of the original Application Data Sheet filed on September 19, 2016 is inaccurate. Applicant wishes to delete all currently claimed priority data as seen in the original Application Data Sheet and replace it with the priority claims as seen in the Substitute Application Data Sheet and as

disclosed in the Cross-Reference to Related Applications section of the original Specification, which is copied below:

This application is a continuation of Application Serial No. 13/462,819, entitled "Robust Voice Browser System and Voice Activated Device Controller," filed May 3, 2012, which is a continuation of Application Serial No. 12/973,475, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed December 20, 2010, which is a continuation of Application Serial No. 12/030,556, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 13, 2008, now U.S. Patent No. 7,881,941, which is a continuation application of Application Serial No. 11/409,703, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 24, 2006, now US Patent No. 7,386,455, which is a continuation application of Application Serial No. 10/821,690, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 9, 2004, now US Patent No. 7,076,431, which is a continuation application of Application Serial No. 09/776,996, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 5, 2001, now US Patent No. 6,721,705, which claims priority to U.S. Provisional Application Serial No. 60/180,344, entitled "Voice Activated Information Retrieval System," filed February 4, 2000 and U.S. Provisional Application No. 60/233,068, filed September 15, 2000, entitled "Robust Voice Browser System and Voice Activated Device Controller, all assigned to the assignee of the present application. The subject matter in the

above-identified co-pending and commonly owned applications is incorporated herein by reference.

Applicant also wishes to change the title indicated on the Application Data Sheet from “Personal Voice Based Information Retrieval System” to “Robust Voice Browser System and Voice Activated Device Controller.”

The necessary changes are indicated in a Marked-Up Application Data Sheet and a clean Substitute Application Data Sheet.

Please issue a corrected Filing Receipt indicating these changes.

Respectfully submitted,
ALEXANDER KURGANOV

Dated: September 21st, 2016 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33830
Of
PATENT LAW WORKS LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111
Tel.: (650) 537-4509
Fax: (801) 355-0160
Email: rkuyper@patentlawworks.net

Exhibit C

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		
<p>The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</p>			

Secrecy Order 37 CFR 5.2:

Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Alexander		Kurganov	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Buffalo Grove	State/Province	IL	Country of Residence US
Mailing Address of Inventor:				
Address 1	c/o Parus Holdings, Inc.			
Address 2	3000 Lakeside Drive, Suite 110S			
City	Bannockburn	State/Province	IL	
Postal Code	60015	Country	US	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. Add				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

An Address is being provided for the correspondence information of this application.

Customer Number	93219
Email Address	docketing@patentlawworks.net Add Email Remove Email

Application Information:

Title of the Invention	Robust Voice Browser System and Voice Activated Device Controller		
Attorney Docket Number	10115-05709 US	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

Request Early Publication (Fee required at time of Request 37 CFR 1.219)

Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer number will be used for the Representative information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	93219		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation of	13462819	2012-05-03

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US		
		Application Number			
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller				
Prior Application Status	Patented		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
13462819	Continuation of	12973475	2010-12-20	8185402	2012-05-22
Prior Application Status	Patented		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
12973475	Continuation of	12030556	2008-02-13	7881941	2011-02-01
Prior Application Status	Patented		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
12030556	Continuation of	11409703	2006-04-24	7386455	2008-06-10
Prior Application Status	Patented		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
11409703	Continuation of	10821690	2004-04-09	7076431	2006-07-11
Prior Application Status	Patented		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
10821690	Continuation of	09776996	2001-02-05	6721705	2004-04-13
Prior Application Status	Expired		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
09776996	Claims benefit of provisional	60180344	2000-02-04		
Prior Application Status	Expired		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
09776996	Claims benefit of provisional	60233068	2000-09-15		
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.					

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)¹ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller	

Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ^j (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button.

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller	

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Assignee
 Legal Representative under 35 U.S.C. 117
 Joint Inventor

Person to whom the inventor is obligated to assign.
 Person who shows sufficient proprietary interest

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here.

Organization Name: Parus Holdings, Inc.

Mailing Address Information For Applicant:

Address 1	3000 Lakeside Drive, Suite 110S		
Address 2			
City	Bannockburn	State/Province	IL
Country	US	Postal Code	60015
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button.

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

If the Assignee or Non-Applicant Assignee is an Organization check here.

Prefix	Given Name	Middle Name	Family Name	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1				
Address 2				
City		State/Province		
Country ⁱ		Postal Code		
Phone Number		Fax Number		
Email Address				

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Reena Kuyper/		Date (YYYY-MM-DD)	2016-09-21
First Name	Reena	Last Name	Kuyper	Registration Number
				33830

Additional Signature may be generated within this form by selecting the Add button.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller	

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

SUBSTITUTE APPLICATION DATA SHEET

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the international Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Exhibit D

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Robust Voice Browser System and Voice Activated Device
Controller
EXAMINER: Vijay B. Chawan
GROUP ART UNIT: 2658
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION

Pursuant to 240 OG 45 and the Legal Framework For EFS-Web, I hereby certify that this follow-on correspondence is being officially submitted through the USPTO EFS-Web system from the Eastern Time Zone of the United States on the local date shown below:

Dated: February 10th, 2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33830

COMMISSIONER FOR PATENTS
OFFICE OF INITIAL PATENT EXAMINATION
CUSTOMER SERVICE CENTER
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Sir/Madam:

Further to the Request for Corrected Filing Receipt and Substitute Application Data Sheet filed on September 21, 2016, for which no response has yet been received, and further to subsequent telephone conversations with the U.S. Patent Office's Applications Assistant Unit on February 9, 2017, based on the assumption that the Request filed on September 21, 2016, has not yet been considered, the undersigned respectfully submits that this application is under

Page 1 of 3

Application No. 15/269,776

Atty. Dkt. No. 10115-05709 US

prioritized examination (track 1), and requests a Corrected Filing receipt to reflect the correct chain of priority, submitted again in the attached Request for Corrected Data Sheet (with underlining that indicates the added chain of priority) and accompanied by a copy of the first page of the continuation application filed (with the correct chain of priority noted in the cross-reference to related applications, *see* attached Exhibit A and below).

This application is a continuation of Application Serial No. 13/462,819, entitled "Robust Voice Browser System and Voice Activated Device Controller," filed May 3, 2012, which is a continuation of Application Serial No. 12/973,475, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed December 20, 2010, which is a continuation of Application Serial No. 12/030,556, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 13, 2008, now U.S. Patent No. 7,881,941, which is a continuation application of Application Serial No. 11/409,703, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 24, 2006, now US Patent No. 7,386,455, which is a continuation application of Application Serial No. 10/821,690, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 9, 2004, now US Patent No. 7,076,431, which is a continuation application of Application Serial No. 09/776,996, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 5, 2001, now US Patent No. 6,721,705, which claims priority to U.S. Provisional Application Serial No. 60/180,344, entitled "Voice Activated Information Retrieval System," filed February 4, 2000 and U.S. Provisional Application No. 60/233,068, filed September 15, 2000, entitled "Robust Voice Browser System and Voice Activated Device Controller, all assigned to the assignee of the present application. The subject matter in the above-identified co-pending and commonly owned applications is incorporated herein by reference.

This corrected Application Data Sheet submitted again replaces and corrects the priority data noted in the Domestic Benefit/National Stage Information Section of the Substitute Application Data Sheet filed on September 21, 2016, with the proper chain of priority indicated in the cross-reference section indicated above.

The changes are also indicated in a Marked-Up Application Data Sheet submitted herewith. A corrected Filing Receipt indicating the correct chain of priority is respectfully requested.

Respectfully submitted,
ALEXANDER KURGANOV

Dated: February 10th, 2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33830
Of
PATENT LAW WORKS LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111
Tel.: (650) 537-4509
Fax: (801) 355-0160
Email: rkuyper@patentlawworks.net

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

<input type="checkbox"/>	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
--------------------------	---

Inventor Information:

Inventor 1 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Alexander		Kurganov	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Buffalo Grove	State/Province	IL	Country of Residence
				US
Mailing Address of Inventor:				
Address 1	c/o Parus Holdings, Inc.			
Address 2	3000 Lakeside Drive, Suite 110S			
City	Bannockburn	State/Province	IL	
Postal Code	60015	Country	US	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. Add				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).			
<input type="checkbox"/> An Address is being provided for the correspondence information of this application.			
Customer Number	93219		
Email Address	docketing@patentlawworks.net	Add Email	Remove Email

Application Information:

Title of the Invention	Robust Voice Browser System and Voice Activated Device Controller		
Attorney Docket Number	10115-05709 US	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

Request Early Publication (Fee required at time of Request 37 CFR 1.219)

Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer number will be used for the Representative Information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	93219		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	<u>Pending</u>	<input type="button" value="Remove"/>	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	<u>Continuation of</u>	<u>13462819</u>	<u>2012-05-03</u>


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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US		
		Application Number			
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller				
Prior Application Status	<u>Patented</u>		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>13462819</u>	<u>Continuation of</u>	<u>12973475</u>	<u>2010-12-20</u>	<u>8185402</u>	<u>2012-05-22</u>
Prior Application Status	<u>Patented</u>		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>12973475</u>	<u>Continuation of</u>	<u>12030556</u>	<u>2008-02-13</u>	<u>7881941</u>	<u>2011-02-01</u>
Prior Application Status	<u>Patented</u>		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>12030556</u>	<u>Continuation of</u>	<u>11409703</u>	<u>2006-04-24</u>	<u>7386455</u>	<u>2008-06-10</u>
Prior Application Status	<u>Patented</u>		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>11409703</u>	<u>Continuation of</u>	<u>10821690</u>	<u>2004-04-09</u>	<u>7076431</u>	<u>2006-07-11</u>
Prior Application Status	<u>Patented</u>		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>10821690</u>	<u>Continuation of</u>	<u>09776996</u>	<u>2001-02-05</u>	<u>6721705</u>	<u>2004-04-13</u>
Prior Application Status	<u>Expired</u>		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
<u>09776996</u>	<u>Claims benefit of provisional</u>	<u>60180344</u>	<u>2000-02-04</u>		
Prior Application Status	<u>Expired</u>		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
<u>09776996</u>	<u>Claims benefit of provisional</u>	<u>60233068</u>	<u>2000-09-15</u>		
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.					

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	 Access Code ⁱ (if applicable)
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

- This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
- NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.			
Applicant 1			
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.			
<input type="button" value="Clear"/>			
<input checked="" type="radio"/> Assignee	<input type="radio"/> Legal Representative under 35 U.S.C. 117	<input type="radio"/> Joint Inventor	
<input type="radio"/> Person to whom the inventor is obligated to assign.		<input type="radio"/> Person who shows sufficient proprietary interest	
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:			
Name of the Deceased or Legally Incapacitated Inventor: <input type="text"/>			
If the Applicant is an Organization check here. <input checked="" type="checkbox"/>			
Organization Name	Parus Holdings, Inc.		
Mailing Address Information For Applicant:			
Address 1	3000 Lakeside Drive, Suite 110S		
Address 2			
City	Bannockburn	State/Province	IL
Country	US	Postal Code	60015
Phone Number		Fax Number	
Email Address			
Additional Applicant Data may be generated within this form by selecting the Add button.			

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

Assignee 1				
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.				
If the Assignee or Non-Applicant Assignee is an Organization check here. <input type="checkbox"/>				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information For Assignee including Non-Applicant Assignee:				
Address 1				
Address 2				
City		State/Province		
Country ⁱ		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.				

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Reena Kuyper/		Date (YYYY-MM-DD)	2017-02-10
First Name	Reena	Last Name	Kuyper	Registration Number
				33830

Additional Signature may be generated within this form by selecting the Add button.

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Exhibit E



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/269,776	09/19/2016	Alexander Kurganov	10115-05709 US

CONFIRMATION NO. 2723

93219
Patent Law Works, LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111

IMPROPER CFR REQUEST



Date Mailed: 02/14/2017

RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Continuity, Priority Claims, Petitions, and Non-Publication Requests

In response to your request for a corrected Filing Receipt, the Office is unable to comply with your request because:

- The priority or continuity claim has not been entered because it was not filed during the required time period. Applicant may wish to consider filing a petition to accept an unintentionally delayed claim for priority. See 37 CFR 1.55 or 1.78.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/hsarwari/

Exhibit F



UNITED STATES PATENT AND TRADEMARK OFFICE

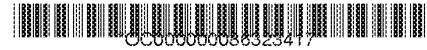
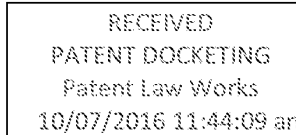
UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY. DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 15/269,776, 09/19/2016, 2447, 1200, 10115-05709 US, 30, 2

CONFIRMATION NO. 2723

FILING RECEIPT

93219
Patent Law Works, LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111



Date Mailed: 10/07/2016

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s) Alexander Kurganov, Buffalo Grove, IL;
Applicant(s) Parus Holdings, Inc., Bannockburn, IL;

Power of Attorney: None

Domestic Applications for which benefit is claimed - None.

A proper domestic benefit claim must be provided in an Application Data Sheet in order to constitute a claim for domestic benefit. See 37 CFR 1.76 and 1.78.

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

This application is a CON of 13/482,819 05/03/2012
which is a CON of 12/973,475 12/20/2010 PAT 8,185,402
which is a CON of 12/030,558 02/13/2008 PAT 7,681,941
which is a CON of 11/409,703 04/24/2006 PAT 7,362,455
which is a CON of 10/921,990 04/03/2004 PAT 7,076,431
which is a CON of 09/776,396 02/04/2001 PAT 6,721,705
which claims benefit of 60/160,344 02/04/2000
and claims benefit of 60/233,063 09/15/2000

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 10/06/2016

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 15/269,776

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

**** SMALL ENTITY ****

Title

Robust voice browser system and voice activated device controller

Preliminary Class

709

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1					<input type="button" value="Remove"/>
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Alexander		Kurganov		
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Buffalo Grove	State/Province	IL	Country of Residence	US
Mailing Address of Inventor:					
Address 1	c/o Parus Holdings, Inc.				
Address 2	3000 Lakeside Drive, Suite 110S				
City	Bannockburn	State/Province	IL		
Postal Code	60015	Country	US		
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.					<input type="button" value="Add"/>

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).			
<input type="checkbox"/> An Address is being provided for the correspondence information of this application.			
Customer Number	93219		
Email Address	docketing@patentlawworks.net	<input type="button" value="Add Email"/>	<input type="button" value="Remove Email"/>

Application Information:

Title of the Invention	Robust Voice Browser System and Voice Activated Device Controller		
Attorney Docket Number	10115-05709 US	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

Request Early Publication (Fee required at time of Request 37 CFR 1.219)

Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer number will be used for the Representative Information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	93219		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	<u>Pending</u>	<input type="button" value="Remove"/>	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	<u>Continuation of</u>	<u>13462819</u>	<u>2012-05-03</u>

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

Prior Application Status	<u>Patented</u>				<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>13462819</u>	<u>Continuation of</u>	<u>12973475</u>	<u>2010-12-20</u>	<u>8185402</u>	<u>2012-05-22</u>
Prior Application Status	<u>Patented</u>				<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>12973475</u>	<u>Continuation of</u>	<u>12030556</u>	<u>2008-02-13</u>	<u>7881941</u>	<u>2011-02-01</u>
Prior Application Status	<u>Patented</u>				<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>12030556</u>	<u>Continuation of</u>	<u>11409703</u>	<u>2006-04-24</u>	<u>7386455</u>	<u>2008-06-10</u>
Prior Application Status	<u>Patented</u>				<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>11409703</u>	<u>Continuation of</u>	<u>10821690</u>	<u>2004-04-09</u>	<u>7076431</u>	<u>2006-07-11</u>
Prior Application Status	<u>Patented</u>				<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>10821690</u>	<u>Continuation of</u>	<u>09776996</u>	<u>2001-02-05</u>	<u>6721705</u>	<u>2004-04-13</u>
Prior Application Status	<u>Expired</u>				<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
<u>09776996</u>	<u>Claims benefit of provisional</u>	<u>60180344</u>	<u>2000-02-04</u>		
Prior Application Status	<u>Expired</u>				<input type="button" value="Remove"/>
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
<u>09776996</u>	<u>Claims benefit of provisional</u>	<u>60233068</u>	<u>2000-09-15</u>		
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.					

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)¹ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ^j (if applicable)
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

<p>This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.</p> <p><input type="checkbox"/> NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.</p>
--

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.			
Applicant 1			
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.			
<input type="button" value="Clear"/>			
<input checked="" type="radio"/> Assignee	<input type="radio"/> Legal Representative under 35 U.S.C. 117	<input type="radio"/> Joint Inventor	
<input type="radio"/> Person to whom the inventor is obligated to assign.		<input type="radio"/> Person who shows sufficient proprietary interest	
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:			
Name of the Deceased or Legally Incapacitated Inventor: <input type="text"/>			
If the Applicant is an Organization check here. <input checked="" type="checkbox"/>			
Organization Name	Parus Holdings, Inc.		
Mailing Address Information For Applicant:			
Address 1	3000 Lakeside Drive, Suite 110S		
Address 2			
City	Bannockburn	State/Province	IL
Country	US	Postal Code	60015
Phone Number		Fax Number	
Email Address			
Additional Applicant Data may be generated within this form by selecting the Add button.			

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US	
		Application Number		
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller			

Assignee 1				
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.				
If the Assignee or Non-Applicant Assignee is an Organization check here. <input type="checkbox"/>				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information For Assignee including Non-Applicant Assignee:				
Address 1				
Address 2				
City		State/Province		
Country ⁱ		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.				

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Reena Kuyper/		Date (YYYY-MM-DD)	2017-08-14
First Name	Reena	Last Name	Kuyper	Registration Number
				33830

Additional Signature may be generated within this form by selecting the Add button.

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Robust Voice Browser System and Voice Activated Device
Controller
EXAMINER: Vijay B. Chawan
GROUP ART UNIT: 2658
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic system (EFS-Web) to the USPTO on the date shown below:

Dated: August 14, 2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33,830

COMMISSIONER FOR PATENTS
OFFICE OF INITIAL PATENT EXAMINATION
CUSTOMER SERVICE CENTER
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

RENEWED THIRD REQUEST FOR CORRECTED FILING RECEIPT

Sir/Madam:

A first and second Request for Corrected Filing Receipt and Substitute Application Data Sheets were filed on September 20, 2016, and September 21, 2016, respectively, upon noting first that the original Application Data Sheet filed on September 19, 2016, inadvertently requested non-publication of the continuation application, and noting subsequently that this

Page 1 of 3

Application No. 15/269,776

Atty. Dkt. No. 10115-05709 US

original Application Data Sheet was inconsistent with the correct chain of priority indicated in the Cross-Reference Section of the continuation application (copy of Cross-Reference Section set forth below and attached as Exhibit A):

This application is a continuation of Application Serial No. 13/462,819, entitled "Robust Voice Browser System and Voice Activated Device Controller," filed May 3, 2012, which is a continuation of Application Serial No. 12/973,475, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed December 20, 2010, which is a continuation of Application Serial No. 12/030,556, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 13, 2008, now U.S. Patent No. 7,881,941, which is a continuation application of Application Serial No. 11/409,703, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 24, 2006, now US Patent No. 7,386,455, which is a continuation application of Application Serial No. 10/821,690, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 9, 2004, now US Patent No. 7,076,431, which is a continuation application of Application Serial No. 09/776,996, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 5, 2001, now US Patent No. 6,721,705, which claims priority to U.S. Provisional Application Serial No. 60/180,344, entitled "Voice Activated Information Retrieval System," filed February 4, 2000 and U.S. Provisional Application No. 60/233,068, filed September 15, 2000, entitled "Robust Voice Browser System and Voice Activated Device Controller, all assigned to the assignee of the present application. The subject matter in the above-identified co-pending and commonly owned applications is incorporated herein by reference.

No response to either the first and second Requests were received from the U.S. Patent Office. A filing receipt that was received on October 7th, 2016, indicated no priority chain and acknowledged a non-publication request (the original Application Data Sheet submitted on September 19, 2016).

Because this continuation application was filed under prioritized examination (track 1), and further to telephone conversations with the U.S. Patent Office's Applications Assistant Unit on February 9, 2017, another Request (third) for Corrected Filing Receipt and Substitute Application Data Sheet was filed on February 10, 2017. This third Request was denied as improper on the basis that the Request was not filed within the allotted time for correcting priority. Yet, Applicant has received no answer to the first and second Requests filed

immediately after the continuation application was filed on September 19, 2016. The first and second Requests were timely filed within the allotted period and the third Request was to follow up.

In the interest of resolving this matter, the third Request was resubmitted on May 18th, 2017, with a petition and payment of an appropriate fee although these should not be required. A further petition under 37 CFR 1.182 for consideration in an expedited manner was submitted on July 13, 2017. A decision with a recommendation that applicant must file a RCE (Request for Continued Examination) with any renewed petition was mailed on August 2, 2017 (received on August 7th, 2017), further to which this renewed third Request is submitted with a RCE. A corrected Filing Receipt indicating the correct chain of priority is respectfully requested.

Respectfully submitted,

Dated: August 14, 2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33,830
Of
PATENT LAW WORKS LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111
Tel.: (650) 537-4509
Fax: (801) 355-0160
Email: rkuyper@patentlawworks.net

Exhibit A

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

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application is a continuation of Application Serial No. 13/462,819, entitled "Robust Voice Browser System and Voice Activated Device Controller," filed May 3, 2012, which is a continuation of Application Serial No. 12/973,475, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed December 20, 2010, which is a continuation of Application Serial No. 12/030,556, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 13, 2008, now U.S. Patent No. 7,881,941, which is a continuation application of Application Serial No. 11/409,703, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 24, 2006, now US Patent No. 7,386,455, which is a continuation application of Application Serial No. 10/821,690, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 9, 2004, now US Patent No. 7,076,431, which is a continuation application of Application Serial No. 09/776,996, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 5, 2001, now US Patent No. 6,721,705, which claims priority to U.S. Provisional Application Serial No. 60/180,344, entitled "Voice Activated Information Retrieval System," filed February 4, 2000 and U.S. Provisional Application No. 60/233,068, filed September 15, 2000, entitled "Robust Voice Browser System and Voice Activated Device Controller, all assigned to the assignee of the present application. The subject matter in the above-identified co-pending and commonly owned applications is incorporated herein by reference.

**REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
 (Submitted Only via EFS-Web)**

Application Number	15/269,776	Filing Date	2016-09-19	Docket Number (if applicable)	10115-05709 US	Art Unit	2658
First Named Inventor	Alexander Kurganov			Examiner Name	Vijay B. Chawan		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, to any international application that does not comply with the requirements of 35 U.S.C. 371, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV.

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

Other _____

Enclosed

Amendment/Reply

Information Disclosure Statement (IDS)

Affidavit(s)/ Declaration(s)

Other Renewed Petition to Add Unintentionally Delayed Domestic Benefit; Renewed Request for Corrected Filing Receipt; Corrected Application Data Sheet; Petition to Expedite

MISCELLANEOUS

Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____ (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
 The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No _____

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Patent Practitioner Signature

Applicant Signature

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (07-14)

Approved for use through 07/31/2016. OMB 0651-0031

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

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

Signature of Registered U.S. Patent Practitioner			
Signature	Reena Kuyper/	Date (YYYY-MM-DD)	2017-08-14
Name	Reena Kuyper	Registration Number	33830

This collection of information is required by 37 CFR 1.114. 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 1.11 and 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, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Robust Voice Browser System and Voice Activated Device
Controller
EXAMINER: Vijay B. Chawan
GROUP ART UNIT: 2658
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic system (EFS-Web) to the USPTO on the date shown below:

Dated: August 14, 2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33,830

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

AMENDMENT B

Responsive to the Final Office Action mailed on April 12, 2017, which sets a shortened statutory period for response that expires on July 12, 2017, please consider the following remarks. Additionally, a one-month extension of time is requested, the fee for which is submitted herewith.

IN THE CLAIMS

All pending claims are reproduced below.

1. (Previously Presented) A system for acquiring information from a plurality of sources in response to receiving naturally-spoken-speech commands provided by users via a voice-enabled device and for providing the information to the users in an audio form via the voice-enabled device, the system comprising:

(a) at least one computing device, the at least one computing device operatively coupled to a plurality of communication networks;

(b) at least one speaker-independent speech-recognition engine operatively coupled to the computing device;

(c) memory accessible to the at least one computing device and storing at least:

(i) an instruction set identifying the information to be retrieved from the plurality of sources, the instruction set comprising: an indication of the plurality of sources, each identified by an address, and each identifying certain information to be retrieved from the address, and

(ii) at least one recognition grammar corresponding to each instruction set and corresponding to a naturally-spoken-speech command including an information request of the user,

(d) wherein the at least one speaker-independent-speech-recognition engine is adapted (i) to receive the naturally-spoken-speech command from the voice-enabled device via a first of the plurality of communication networks, (ii) to recognize phenomes in the naturally-spoken-speech commands to understand spoken words, and (iii) to generate recognition results data,

(e) wherein the at least one computing device is adapted to (i) to select the corresponding at least one recognition grammar upon receiving the naturally-spoken-speech command and to convert the naturally-spoken-speech command into a data message for transmission to a network interface adapted to access a second of the plurality of communication networks; and (ii) to retrieve the instruction set corresponding to the recognition grammar provided by the at least one speaker-independent-speech-recognition engine and to access the information source identified by the instruction set to obtain at least a part of the information to be retrieved and

(f) at least one speech-synthesis device operatively coupled to the at least one computing device, the at least one speech-synthesis device configured to produce an audio message relating to any resulting information retrieved from the plurality of information sources, and to transmit the audio message to the users via the voice-enabled device.

2. (Previously Presented) The system of claim 1, wherein the plurality of communication networks includes the Internet.

3. (Original) The system of claim 1, wherein the plurality of communication networks include a local-area network.

4. (Previously Presented) The system of claim 1, wherein the voice-enabled device is a telephone.

5. (Previously Presented) The system of claim 1, wherein the speaker-independent-speech-recognition engine is adapted to analyze the phonemes to recognize conversational naturally-spoken-speech commands.

6. (Previously Presented) The system of claim 1, wherein the speaker-independent-speech-recognition engine is adapted to recognize the naturally-spoken-speech commands.

7. (Original) The system of claim 1, wherein the instruction set further comprises: a content descriptor associated with each information-source address, the content descriptor pre-defining a portion of the information source containing the information to be retrieved.

8. Canceled.

9. Canceled.

10. Canceled.

11. Canceled.

12. Canceled.

13. Canceled.

14. (Original) The system of claim 1, further comprising:

a database operatively connected to the computing device, the database adapted to store the information gathered from the information sources in response to the information requests.

15. (Original) The system of claim 14, wherein each recognition grammar and each instruction set are stored in the database.

16. (Previously Presented) A method for acquiring information from a plurality of sources in response to receiving naturally-spoken-speech commands provided by users via a voice-enabled device and for providing the information to the users in an audio form via the voice-enabled device, the method comprising:

(a) providing at least one computing device, the computing device operatively coupled to a plurality of communication networks;

(b) providing at least one speaker-independent-speech-recognition engine operatively coupled to the at least one computing device

(c) providing memory accessible to the computing device storing at least

(i) an instruction set identifying the information to be retrieved from the plurality of sources, the instruction set comprising: an indication of the plurality of sources, each identified by an address, and each identifying certain information to be retrieved from the address, and

(ii) at least one recognition grammar corresponding to each instruction set and

corresponding to a naturally-spoken-speech command including an information request of the user,

(d) the at least one speaker-independent- speech-recognition engine:

(i) receiving the naturally-spoken-speech command from the voice-enabled device via a first of the communication networks,

(ii) recognizing phenomes in the naturally-spoken-speech commands to understand spoken words, and

(iii) generating recognition-results data,

(e) the least one computing device programmed to:

(i) select the corresponding at least one recognition grammar upon receiving the naturally-spoken-speech command and convert the naturally-spoken-speech command into a data message for transmission to a network interface adapted to access a second of the one communication networks; and

(ii) retrieve the instruction set corresponding to the recognition grammar provided by the at least one speaker-independent-speech-recognition device and access the information source identified by the instruction set to obtain at least a part of the information to be retrieved and (f) providing at least one speech-synthesis device operatively connected to the at least one computing device, and by the at least one speech synthesis device;

(i) produce an audio message relating to any resulting information retrieved from the plurality of information sources, and (ii) transmit the audio message to the voice-enabled device.

17. (Previously Presented) The method of claim 16, wherein the plurality of communication networks includes the Internet.
18. (Original) The method of claim 16, wherein the plurality of communication networks include a local-area network.
19. (Previously Presented) The method of claim 16, wherein the voice-enabled device is a telephone.
20. (Previously Presented) The method of claim 16, wherein the speaker-independent-speech-recognition engine is adapted to analyze the phonemes to recognize conversational naturally-spoken-speech commands.
21. (Previously Presented) The method of claim 16, wherein the speaker-independent-speech-recognition engine is adapted to recognize the naturally-spoken-speech commands.
22. (Original) The method of claim 16, wherein the instruction set further comprises: a content descriptor associated with each information-source address, the content descriptor pre-defining a portion of the information source containing the information to be retrieved.
23. Canceled.
24. Canceled.

25. Canceled.

26. Canceled.

27. Canceled.

28. Canceled.

29. (Original) The method of claim 16, further comprising:
providing a database and operatively connected the database to the computing device and
storing the information gathered from the information sources in response to the information
requests in the database.

30. (Original) The method of claim 29, wherein each recognition grammar and each
instruction set are stored in the database.

31. (Previously Presented) The system of claim 1, wherein the voice-enabled device is an
IP telephone.

32. (Previously Presented) The system of claim 1, wherein the voice-enabled device is a
cellular phone.

33. (Previously Presented) The system of claim 1, wherein the voice-enabled device is a personal computer.

34. (Previously Presented) The system of claim 1, wherein the voice-enabled device is a media player appliance.

35. (Previously Presented) The system of claim 1, wherein the voice-enabled device is a television or other video display device.

36. (Previously Presented) The method of claim 16, wherein the voice-enabled device is an IP telephone.

37. (Previously Presented) The method of claim 16, wherein the voice-enabled device is a cellular phone.

38. (Previously Presented) The method of claim 16, wherein the voice-enabled device is a personal computer.

39. (Previously Presented) The method of claim 16, wherein the voice-enabled device is a media player appliance.

40. (Previously Presented) The method of claim 16, wherein the voice-enabled device is a television or other video display device.

REMARKS

Claims 1-7, 14-22, and 29-40 were presented for examination. Claims 1-7, 14-22, and 29-40 stand rejected as stated in the Office Action dated April 12, 2017 (herein, "OA").

Reconsideration of this application is respectfully requested.

Summary of Office Action

1. Claims 1-7, 14-22, and 29-40 are rejected on the ground of non-statutory double patenting as being unpatentable over claims 1-15 of U.S. Patent No. 9,451,084.
2. Claims 1-7, 14-22, and 29-40 are rejected on the ground of non-statutory double patenting as being unpatentable over claims 9-11, 13, and 15 of U.S. Patent No. 8,185,402.
3. Claims 1-7, 14-22, and 29-40 are rejected on the ground of non-statutory double patenting as being unpatentable over claims 9-11, 13, and 15 of U.S. Patent No. 7,881,941.

Response to Double-Patenting Rejections

Claims 1-7, 14-22, and 29-40 are rejected on the ground of non-statutory-double patenting as being unpatentable over 1) claims 1-15 of U.S. Patent No. 9,451,084, 2) claims 9-11, 13, and 15 of U.S. Patent No. 8,185,402 and 3) claims 9-11, 13, and 15 of U.S. Patent No. 7,881,941. Applicant respectfully submits that on March 13th, 2017, Applicant filed two separate terminal disclaimers and paid the required fee for this submission, as evident under the "fees" tab in PAIR. Yet, on March 23rd, 2017, the terminal disclaimers were automatically disapproved, alleging that the fees were not properly paid, when in fact the PAIR records reflect the payment. On April 12th, 2017, the Examiner issued a final office action because of this automatic and incorrect disapproval, which is a clear error by the electronic system of the U.S. Patent Office.

On April 12th, 2017, our paralegal at Patent Law Works attempted to contact the reviewing paralegal at the U.S. Patent Office and left a voicemail message noting the error by the system. No reply was received nor was the error corrected. All the outstanding rejections in the final office are based on obviousness-type-double patenting. Had the terminal disclaimers properly submitted been approved, this application would have retained its track 1 status for expedited consideration. Accordingly, Applicant respectfully requests the Examiner to have the approval status of the terminal disclaimers corrected and to withdraw the obviousness-type-double-patenting rejections.

CONCLUSION

Favorable consideration and allowance of all the pending claims is respectfully requested. In the event there are any outstanding issues, the Examiner is respectfully requested to contact the undersigned.

Respectfully submitted,
ALEXANDER KURGANOV

Dated: August 14th, 2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33,830
Of
PATENT LAW WORKS LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111
Tel.: (385) 232-7854
Fax: (801) 355-0160
Email: rkuyper@patentlawworks.net

RBK:kkt

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Robust Voice Browser System and Voice Activated Device
Controller
EXAMINER: Vijay B. Chawan
GROUP ART UNIT: 2658
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic system (EFS-Web) to the USPTO on the date shown below:

Dated: 08/14/2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33,830

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

TRANSMITTAL FOR INFORMATION DISCLOSURE STATEMENT

In compliance with the Applicant's duty under 37 CFR § 1.56, the following information is brought to the attention of the Examiner. The items are listed on the attached form PTO/SB/08a. With the exception of the asterisked NPL, copies of the listed items are not attached, as each of the non-asterisked items were cited by or submitted to the Patent Office in the prior application (Application Serial No. 12/697,869), from which the present application claims priority under §120. See 37 C.F.R. 1.98(d).

The items identified in this Information Disclosure Statement may or may not be “material” pursuant to 37 CFR § 1.56 and the submission thereof by Applicant shall not be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as “prior art” under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

The filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information, as defined in 37 CFR § 1.56, exists. The attached Information Disclosure Statement is being filed in accordance with 37 CFR §1.97 and 1.98.

Respectfully submitted,
ALEXANDER KURGANOV ET AL.

Dated: 08-14-2017

By: /Reena Kuyper/

Reena Kuyper, Reg. No. 33830

of

PATENT LAW WORKS LLP

201 South Main Street, Suite 250

Salt Lake City, UT 84111

Tel.: (385) 232-7854

Fax: (801) 355-0160

Email: rkuyper@patentlawworks.net

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15269776
	Filing Date	2016-09-19
	First Named Inventor	Alexander Kurganov
	Art Unit	2658
	Examiner Name	Vijay B. Chawan
	Attorney Docket Number	10115-05709 US

U.S.PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
	1	6477420	B1	2002-11-05	Struble et al.		
	2	7003463	B1	2006-02-21	Maes et al.		

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS							Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
	1						

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS								Remove
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²ⁱ	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button. Add

NON-PATENT LITERATURE DOCUMENTS								Remove
---------------------------------	--	--	--	--	--	--	--	--------

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15269776
	Filing Date	2016-09-19
	First Named Inventor	Alexander Kurganov
	Art Unit	2658
	Examiner Name	Vijay B. Chawan
	Attorney Docket Number	10115-05709 US

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	Plaintiff Parus Holdings, Inc.'s Supplemental Responses to Defendant Web Telephony LLC's Second Set of Interrogatories (Nos. 13-17), Parus Holdings, Inc. v. Web Telephony LLC & Robert Swartz, Case No. 06- cv-01146 (N. D. Ill.), October 31, 2006, 31 pages.	
	2	Judgment without Opinion for Parus Holdings Inc., v. Sallie Mae Bank, Navient Solutions Inc., PNC Bank, N.A., Suntrust Bank, Suntrust Mortgage Inc., 2016-1179, 2016-1180, 2016-1181, entered February 27, 2017 (2 pages).*	

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	<input type="text"/>	Date Considered	<input type="text"/>
--------------------	----------------------	-----------------	----------------------

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

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15269776
	Filing Date	2016-09-19
	First Named Inventor	Alexander Kurganov
	Art Unit	2658
	Examiner Name	Vijay B. Chawan
	Attorney Docket Number	10115-05709 US

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Reena Kuyper/	Date (YYYY-MM-DD)	2017-08-14
Name/Print	Reena Kuyper	Registration Number	33830

This collection of information is required by 37 CFR 1.97 and 1.98. 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 1 hour 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, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	15269776			
Filing Date:	19-Sep-2016			
Title of Invention:	Robust voice browser system and voice activated device controller			
First Named Inventor/Applicant Name:	Alexander Kurganov			
Filer:	Reena Kuyper/Jodee Butler			
Attorney Docket Number:	10115-05709 US			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
PETITION FEE - 37 CFR 1.17(F)(GROUP I)	2462	1	200	200
PET. DELAY SUB OR RESTORE PRIORITY-CLAIM	2454	1	850	850
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 1 month with \$0 paid	2251	1	100	100
Miscellaneous:				
RCE- 1st Request	2801	1	600	600
Total in USD (\$)				1750

Electronic Acknowledgement Receipt

EFS ID:	30076136
Application Number:	15269776
International Application Number:	
Confirmation Number:	2723
Title of Invention:	Robust voice browser system and voice activated device controller
First Named Inventor/Applicant Name:	Alexander Kurganov
Customer Number:	93219
Filer:	Reena Kuyper
Filer Authorized By:	
Attorney Docket Number:	10115-05709 US
Receipt Date:	14-AUG-2017
Filing Date:	19-SEP-2016
Time Stamp:	20:16:53
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$1750
RAM confirmation Number	081517INTEFSW20205500
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Petition for review by the Office of Petitions	20170814_05709US_Petitionto Expedite.pdf	73864 0f7afe184a38d910a298dad6d81bc745a65c0e78	no	2
Warnings:					
Information:					
2	Petition for review by the Office of Petitions	20170814_05709US_Renewed PetitionreDomesticBenefit.pdf	924048 037fa94fb21530375e508a34db938169875d9ccb	no	60
Warnings:					
Information:					
3	Application Data Sheet	20170814_05709US_Substitute ADS.pdf	96607 df80a9dd307bad20eea9e51077f05f417d74e428	no	9
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
4	Request for Corrected Filing Receipt	20170814_05709US_Renewed RequestCorrOFR.pdf	115623 bf94355f2812cb9ab57fb5bdf175a0680b9fdfa7	no	5
Warnings:					
Information:					
5	Request for Continued Examination (RCE)	20170814_05709US_RCE.pdf	1350253 f9fa1964ae1539b9e1024884dd004fc52aa365e1	no	3
Warnings:					
Information:					
6		20170814_05709US_Amendment_B.pdf	107445 366acb2713dcc123a237809/bf5d7c9687e0009e	yes	12

Multipart Description/PDF files in .zip description					
Document Description			Start	End	
Amendment Submitted/Entered with Filing of CPA/RCE			1	1	
Claims			2	9	
Applicant Arguments/Remarks Made in an Amendment			10	12	
Warnings:					
Information:					
7	Transmittal Letter	20170814_05709US_IDS_Transmittal.pdf	75493 26685c89f4c04df55dd0700e9503abcd69f6a4d3	no	3
Warnings:					
Information:					
8	Information Disclosure Statement (IDS) Form (SB08)	20170814_05709US_IDS_SB08.pdf	1035651 18bd57a7f64803539a853a3dd92767c9d7a7d18f	no	4
Warnings:					
Information:					
9	Non Patent Literature	20170814_05709US_IDS_NPL02_Judgment.pdf	38472 dc2e0b4e2bdf3ea6b3c15bba0f192754eb625852	no	2
Warnings:					
Information:					
10	Fee Worksheet (SB06)	fee-info.pdf	35893 31f1abb7c65068fd03f41d1a10c795b2d304583	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			3853349		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875			Application or Docket Number 15/269,776	Filing Date 09/19/2016	<input type="checkbox"/> To be Mailed	
ENTITY: <input type="checkbox"/> LARGE <input checked="" type="checkbox"/> SMALL <input type="checkbox"/> MICRO						
APPLICATION AS FILED – PART I						
(Column 1)		(Column 2)				
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)		
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A			
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (i), or (m))</small>	N/A	N/A	N/A			
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A			
TOTAL CLAIMS <small>(37 CFR 1.16(j))</small>	minus 20 =	*	X \$ =			
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =			
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).					
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>						
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			
APPLICATION AS AMENDED – PART II						
(Column 1)		(Column 2)	(Column 3)			
AMENDMENT	08/14/2017	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	* 28	Minus	** 30	= 0	X \$40 = 0
	Independent (37 CFR 1.16(h))	* 2	Minus	*** 3	= 0	X \$210 = 0
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))					
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					
TOTAL ADD'L FEE					0	
(Column 1)		(Column 2)	(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))					
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					
TOTAL ADD'L FEE						
<p>* 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.</p>						

LIE
DELEACHES YOUNG

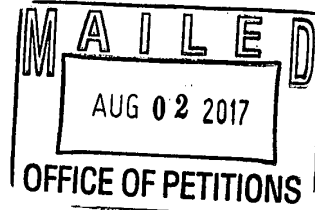
This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes 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, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
 If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Patent Law Works, LLP
201 South Main Street, Suite 250
Salt Lake City UT 84111



In re Application of :
Kurganov :
Application No.: 15/269,776 : ON PETITION
Filed: September 19, 2016 :
Atty. Docket No.: 10115-05709 US :

This is a decision on the constructive petition under 37 CFR 1.78(c) and (e), filed May 18, 2017, to accept an unintentionally delayed claim under 35 U.S.C. 119(e) and 120 for the benefit of priority to the prior-filed applications listed in the concurrently filed application data sheet (“ADS”). In addition, this decision addresses the petition under 37 CFR 1.182, filed July 13, 2017, to expedite consideration of the aforementioned delayed benefit petition.

The petition under 37 CFR 1.182 is **GRANTED**. The constructive petition under 37 CFR 1.78(c) and (e), filed May 18, 2017, is being taken up for consideration in an expedited manner.

The petition under 37 CFR 1.78(c) and (e) is **DISMISSED**.

A petition for acceptance of a claim for late priority under 37 CFR 1.78(c) and 1.78(e) is only applicable to those applications in which a proper benefit claim is filed after the expiration of the period specified in 37 CFR 1.78(a)(4) and 1.78(d)(3).

The petition under 37 CFR 1.78(c) and 1.78(e) must be accompanied by:

- (1) the reference required by 35 U.S.C. 120 and 119(e) and 37 CFR 1.78(d)(2) and 1.78(a)(3) of the prior-filed application, which must be filed in an Application Data Sheet¹;
- (2) the petition fee set forth in § 1.17(m); and
- (3) a statement that the entire delay between the date the claim was due under 37 CFR 1.78(d)(3) and 1.78(a)(4) and the date the claim was filed was unintentional. The Director may require additional where there is a question whether the delay was unintentional.

¹ 37 CFR 1.78(d)(2) explicitly requires the reference to be presented in an ADS.

While (1) – (3) above are satisfied, the petition cannot be granted because entering the benefit claim would result in a shift of the statutory framework. The First-Inventor-To-File (FITF) provisions of the Leahy-Smith America Invents Act (AIA) took effect on March 16, 2013. 35 U.S.C. 102 and 103 in effect before March 16, 2013 (pre-AIA (FTI)) apply to applications filed before March 16, 2013, and continuations and divisionals of such applications. 35 U.S.C. 102 and 103 in effect on March 16, 2013, apply to any application that ever contains a claim that has an effective filing date on or after March 16, 2013. 35 U.S.C. 102(g) in effect before March 16, 2013, will apply if the application ever contains a claim that has an effective filing date before March 16, 2013.

The above-identified application was filed after March 16, 2013. Accordingly, the application is being examined under the FITF provisions of the AIA. On petition, applicant seeks to add a late claim for benefit of pre-AIA (FTI) applications/patents with an effective filing date before March 16, 2013 in this AIA (FITF) application. The granting of such a petition would involve a change in statutory framework. The undersigned has consulted with the examiner of record, and he has indicated that a Request for Continued Examination (“RCE”) is required. **Accordingly, applicant must file a RCE with any renewed petition.**

37 CFR 1.78(e) requires a statement that the entire delay between the date the claim was due under 37 CFR 1.78(d)(3) and the date the claim was filed was unintentional. Since the statement appearing in the petition varies from the required language, the statement is being construed as the statement required by 37 CFR 1.78(d)(3). If this is not a correct reading of the statement appearing in the petition, petitioner should promptly notify the Office.

If reconsideration of this decision is desired, applicant should file a renewed petition under 37 CFR 1.78(c) and (e), an Application Data Sheet (complying with the provisions 37 CFR 1.76(b)(5)) or a Corrected WebADS to correct the above matters, and a RCE and required fee.

Further correspondence with respect to this matter should be delivered through one of the following mediums:

By mail: Mail Stop PETITIONS
 Commissioner for Patents
 Post Office Box 1450
 Alexandria, VA 22313-1450

By hand: Customer Service Window
 Mail Stop Petitions
 Randolph Building
 401 Dulany Street
 Alexandria, VA 22314

By fax: (571) 273-8300
 ATTN: Office of Petitions

By internet: EFS-Web

Any questions concerning this matter may be directed to the undersigned at (571) 272-3230.



Shirene Willis Brantley
Attorney Advisor
Office of Petitions

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Robust Voice Browser System and Voice Activated Device
Controller
EXAMINER: Vijay B. Chawan
GROUP ART UNIT: 2658
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic system (EFS-Web) to the USPTO on the date shown below:

Dated: July 13, 2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33,830

COMMISSIONER FOR PATENTS
OFFICE OF INITIAL PATENT EXAMINATION
CUSTOMER SERVICE CENTER
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

PETITION TO EXPEDITE UNDER 37 CFR 1.181

Sir/Madam:

Applicants request that the Petition to Add Unintentionally Delayed Domestic Benefit and associated documents filed May 18, 2017, be expedited. Enclosed is payment in the amount of \$200 for this petition as set forth in 37 CFR § 1.17(f).

Page 1 of 2

Application No. 15/269,776

Atty. Dkt. No. 10115-05709 US

Respectfully submitted,

Dated: July 13th, 2017

By: /Reena Kuyper/

Reena Kuyper, Reg. No. 33830

Of

PATENT LAW WORKS LLP

201 South Main Street, Suite 250

Salt Lake City, UT 84111

Tel.: (650) 537-4509

Fax: (801) 355-0160

Email: rkuyper@patentlawworks.net

Electronic Patent Application Fee Transmittal

Application Number:	15269776			
Filing Date:	19-Sep-2016			
Title of Invention:	Robust voice browser system and voice activated device controller			
First Named Inventor/Applicant Name:	Alexander Kurganov			
Filer:	Reena Kuyper/Jodee Butler			
Attorney Docket Number:	10115-05709 US			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
PETITION FEE - 37 CFR 1.17(F)(GROUP I)	2462	1	200	200
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				200

Electronic Acknowledgement Receipt

EFS ID:	29780287
Application Number:	15269776
International Application Number:	
Confirmation Number:	2723
Title of Invention:	Robust voice browser system and voice activated device controller
First Named Inventor/Applicant Name:	Alexander Kurganov
Customer Number:	93219
Filer:	Reena Kuyper
Filer Authorized By:	
Attorney Docket Number:	10115-05709 US
Receipt Date:	13-JUL-2017
Filing Date:	19-SEP-2016
Time Stamp:	19:25:30
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$200
RAM confirmation Number	071417INTEFSW19311800
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:



File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Petition for review by the Office of Petitions	20170713_05709US_PetitionTo Expedite.pdf	73965 1a925984fa20256ed17229f33402ac7c79b87aa4	no	2

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30621 613aa0dc6fa646c1fc97dae540bd4c2d32dd2b3f	no	2
---	----------------------	--------------	---	----	---

Warnings:

Information:

Total Files Size (in bytes):	104586
-------------------------------------	--------

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Robust Voice Browser System and Voice Activated Device
Controller
EXAMINER: Vijay B. Chawan
GROUP ART UNIT: 2658
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION

Pursuant to 240 OG 45 and the Legal Framework For EFS-Web, I hereby certify that this follow-on correspondence is being officially submitted through the USPTO EFS-Web system from the Eastern Time Zone of the United States on the local date shown below:

Dated: May 18, 2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33,830

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

PETITION TO ACCEPT AN UNINTENTIONALLY DELAYED DOMESTIC BENEFIT

CLAIM UNDER 37 CFR 1.78(C)

Sir/Madam:

The applicant requests addition of a priority claim under 35 U.S.C. 119(e) for the benefit of prior-filed applications. The entire delay between the date the claim was due under 37 CFR 1.78(a)(4) and the date this claim is being re-filed is unintentional.

(continued)

Page 1 of 4

Application No. 15/269,776

Atty. Dkt. No. 10115-05709 US

PETITION TO ACCEPT AN UNINTENTIONALLY DELAYED DOMESTIC BENEFIT

CLAIM UNDER 37 CFR 1.78(C)

Please note the following facts:

- The present continuation application, 15/269,776, filed on September 19, 2016, accurately disclosed the correct priority data under the Cross-Reference to Related Applications section (first page of the continuation specification, *Exhibit A*). The original Application Data Sheet (*Exhibit B*) inadvertently listed an inaccurate priority chain in the Domestic Benefit/National Stage Information section.
- In a first Request for Corrected Filing Receipt filed on September 20th, 2016, (*Exhibit B1*) Applicant noted that the box requesting no publication of the application was inadvertently checked in the original Application data sheet, and submitted a first Substitute Application Data Sheet (*Exhibit B2*) with that box unchecked.
- In a second Request for Corrected Filing Receipt filed on September 21, 2016, (*Exhibit B3*) Applicant noted that the original Application Data Sheet (*Exhibit B*) inadvertently indicated a priority chain that was inconsistent with the priority chain in the continuation specification, and submitted a second Substitute Application Data Sheet noting the correct priority chain (*Exhibit C*).
- No response to the first and second Requests were received from the U.S. Patent and Trademark Office. A filing receipt was issued on October 10, 2016, indicating no priority chain and acknowledging a non-publication request. Therefore, on February 10, 2017, after telephone conversations with the U.S.

Patent Office's Application's Assistant Unit (February 9, 2017), Applicant submitted a revised third Request for Corrected Filing Receipt with a third Substitute Application Data Sheet showing the updated domestic priority data by underlining (*Exhibit D*).

- The first and second Request for Corrected Filing Receipt remain unanswered, yet the Patent Office has responded to the follow-up third Request for Corrected Filing Receipt, indicating that it was filed after the 4 months window allotted for correcting the priority chain; therefore, the Patent Office has denied (*Exhibit E*) the follow-up request on that basis. In view of the fact that the first and second Requests for Corrected Filing Receipt were filed within one and two days of the original continuation application and there is still no response from the Patent Office to those Requests, the Patent Office should consider the Requests filed to date timely and correct the filing receipt.

Nonetheless, Applicant is submitting the third Request for Corrected Filing Receipt and Substitute Application Data Sheet with a petition and requests that a corrected filing receipt be issued as the first and second Requests for Corrected Filing Receipt were timely filed on September 20 & 21, 2016, for which a response from the U.S. Patent Office was never received. In addition, the erroneous filing receipt issued on October 10, 2016 is submitted with this petition, with mark-ups to indicate the proper chain of priority (*Exhibit F*).

(continued)

PETITION TO ACCEPT AN UNINTENTIONALLY DELAYED DOMESTIC BENEFIT

CLAIM UNDER 37 CFR 1.78(C)

Applicant also hereby encloses the necessary fee set forth in § 1.17(m) and requests an Updated Filing Receipt be issued.

Respectfully submitted,

Dated: May 18, 2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33,830
Of
PATENT LAW WORKS LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111
Tel.: (650) 537-4509
Fax: (801) 355-0160
Email: rkuyper@patentlawworks.net

RBK:jab

Exhibit A

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

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application is a continuation of Application Serial No. 13/462,819, entitled "Robust Voice Browser System and Voice Activated Device Controller," filed May 3, 2012, which is a continuation of Application Serial No. 12/973,475, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed December 20, 2010, which is a continuation of Application Serial No. 12/030,556, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 13, 2008, now U.S. Patent No. 7,881,941, which is a continuation application of Application Serial No. 11/409,703, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 24, 2006, now US Patent No. 7,386,455, which is a continuation application of Application Serial No. 10/821,690, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 9, 2004, now US Patent No. 7,076,431, which is a continuation application of Application Serial No. 09/776,996, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 5, 2001, now US Patent No. 6,721,705, which claims priority to U.S. Provisional Application Serial No. 60/180,344, entitled "Voice Activated Information Retrieval System," filed February 4, 2000 and U.S. Provisional Application No. 60/233,068, filed September 15, 2000, entitled "Robust Voice Browser System and Voice Activated Device Controller, all assigned to the assignee of the present application. The subject matter in the above-identified co-pending and commonly owned applications is incorporated herein by reference.

Exhibit B

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

<input type="checkbox"/>	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
--------------------------	---

Inventor Information:

Inventor 1 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Alexander		Kurganov	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Buffalo Grove	State/Province	IL	Country of Residence
				US
Mailing Address of Inventor:				
Address 1	c/o Parus Holdings, Inc.			
Address 2	3000 Lakeside Drive, Suite 110S			
City	Bannockburn	State/Province	IL	
Postal Code	60015	Country	US	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. Add				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).			
<input type="checkbox"/> An Address is being provided for the correspondence information of this application.			
Customer Number	93219		
Email Address	docketing@patentlawworks.net	Add Email	Remove Email

Application Information:

Title of the Invention	Personal Voice-Based Information Retrieval System		
Attorney Docket Number	10115-05709 US	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

Request Early Publication (Fee required at time of Request 37 CFR 1.219)

Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer number will be used for the Representative information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	93219		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation of	12787801	2010-05-26

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US		
		Application Number			
Title of Invention	Personal Voice-Based Information Retrieval System				
Prior Application Status	Abandoned		Remove		
Application Number	Continuity Type		Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)	
12787801	Continuation of		11771773	2007-06-29	
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
11771773	Continuation of	09777406	2001-02-26	7516190	2009-04-07
Prior Application Status	Expired		Remove		
Application Number	Continuity Type		Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)	
09777406	Claims benefit of provisional		60180343	2000-02-04	
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.					

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Remove			
Application Number	Country ^j	Filing Date (YYYY-MM-DD)	Access Code ^k (if applicable)
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.			
Applicant 1			
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.			
<input type="button" value="Clear"/>			
<input checked="" type="radio"/> Assignee	<input type="radio"/> Legal Representative under 35 U.S.C. 117	<input type="radio"/> Joint Inventor	
<input type="radio"/> Person to whom the inventor is obligated to assign.		<input type="radio"/> Person who shows sufficient proprietary interest	
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:			
Name of the Deceased or Legally Incapacitated Inventor: <input type="text"/>			
If the Applicant is an Organization check here. <input checked="" type="checkbox"/>			
Organization Name	Parus Holdings, Inc.		
Mailing Address Information For Applicant:			
Address 1	3000 Lakeside Drive, Suite 110S		
Address 2			
City	Bannockburn	State/Province	IL
Country	US	Postal Code	60015
Phone Number		Fax Number	
Email Address			
Additional Applicant Data may be generated within this form by selecting the Add button.			

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US	
		Application Number		
Title of Invention	Personal Voice-Based Information Retrieval System			

Assignee 1				
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.				
If the Assignee or Non-Applicant Assignee is an Organization check here. <input type="checkbox"/>				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information For Assignee including Non-Applicant Assignee:				
Address 1				
Address 2				
City		State/Province		
Country ⁱ	Postal Code			
Phone Number		Fax Number		
Email Address				
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.				

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Reena Kuyper/		Date (YYYY-MM-DD)	2016-09-19
First Name	Reena	Last Name	Kuyper	Registration Number
				33830

Additional Signature may be generated within this form by selecting the Add button.

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the international Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Exhibit B1

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Robust Voice Browser System and Voice Activated Device
Controller
EXAMINER: Not Yet Known
GROUP ART UNIT: Not Yet Known
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION

Pursuant to 240 OG 45 and the Legal Framework For EFS-Web, I hereby certify that this follow-on correspondence is being officially submitted through the USPTO EFS-Web system from the Eastern Time Zone of the United States on the local date shown below:

Dated: 09/20/2016 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33830

COMMISSIONER FOR PATENTS
OFFICE OF INITIAL PATENT EXAMINATION
CUSTOMER SERVICE CENTER
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Sir/Madam:

A Substitute Application Data Sheet is attached which corrects the following error:

- Removes the check box for Request Not to Publish as seen on page 2.

Enclosed please find the following supporting document:

- Substitute Application Data Sheet (clean) with Request Not to Publish unchecked

Page 1 of 2

Application No. 15/269,776

Atty. Dkt. No. 10115-05709 US

REQUEST FOR CORRECTED FILING RECEIPT CONT.

There are no other differences from the substitute and the first Application Data Sheet filed on September 19, 2016.

Please issue a corrected Filing Receipt rectifying these errors.

Respectfully submitted,
ALEXANDER KURGANOV

Dated: 09/20/2016 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33830
Attorney for Applicant
PATENT LAW WORKS LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111
Tel.: (650) 537-4509
Fax: (801) 355-0160
Email: rkuyper@patentlawworks.net

Exhibit B2

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US	
		Application Number		
Title of Invention	Personal Voice-Based Information Retrieval System			
<p>The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</p>				

Secrecy Order 37 CFR 5.2:

Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Alexander		Kurganov	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Buffalo Grove	State/Province	IL	Country of Residence
				US
Mailing Address of Inventor:				
Address 1	c/o Parus Holdings, Inc.			
Address 2	3000 Lakeside Drive, Suite 110S			
City	Bannockburn	State/Province	IL	
Postal Code	60015	Country	US	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. Add				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

An Address is being provided for the correspondence information of this application.

Customer Number	93219		
Email Address	docketing@patentlawworks.net	Add Email	Remove Email

Application Information:

Title of the Invention	Personal Voice-Based Information Retrieval System		
Attorney Docket Number	10115-05709 US	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

Request Early Publication (Fee required at time of Request 37 CFR 1.219)

Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer number will be used for the Representative information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	93219		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation of	12787801	2010-05-26

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		

Prior Application Status	Abandoned				Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
12787801	Continuation of	11771773	2007-06-29		
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
11771773	Continuation of	09777406	2001-02-26	7516190	2009-04-07
Prior Application Status	Expired		Remove		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
09777406	Claims benefit of provisional	60180343	2000-02-04		
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.					

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Application Number	Country ^j	Filing Date (YYYY-MM-DD)	Access Code ^k (if applicable)	Remove
Additional Foreign Priority Data may be generated within this form by selecting the Add button.				

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System	

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System		

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Assignee
 Legal Representative under 35 U.S.C. 117
 Joint Inventor

Person to whom the inventor is obligated to assign.
 Person who shows sufficient proprietary interest

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here.

Organization Name: Parus Holdings, Inc.

Mailing Address Information For Applicant:

Address 1	3000 Lakeside Drive, Suite 110S		
Address 2			
City	Bannockburn	State/Province	IL
Country	US	Postal Code	60015
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button.

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US	
		Application Number		
Title of Invention	Personal Voice-Based Information Retrieval System			

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

If the Assignee or Non-Applicant Assignee is an Organization check here.

Prefix	Given Name	Middle Name	Family Name	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1				
Address 2				
City		State/Province		
Country ⁱ		Postal Code		
Phone Number		Fax Number		
Email Address				

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Reena Kuyper/		Date (YYYY-MM-DD)	2016-09-20
First Name	Reena	Last Name	Kuyper	Registration Number
				33830

Additional Signature may be generated within this form by selecting the Add button.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Personal Voice-Based Information Retrieval System	

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

SUBSTITUTE APPLICATION DATA SHEET

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the international Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Exhibit B3

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Robust Voice Browser System and Voice Activated Device
Controller
EXAMINER: Not Yet Assigned
GROUP ART UNIT: Not Yet Assigned
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION

Pursuant to 240 OG 45 and the Legal Framework For EFS-Web, I hereby certify that this follow-on correspondence is being officially submitted through the USPTO EFS-Web system from the Eastern Time Zone of the United States on the local date shown below:

Dated: September 21st, 2016 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33830

COMMISSIONER FOR PATENTS
OFFICE OF INITIAL PATENT EXAMINATION
CUSTOMER SERVICE CENTER
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Sir/Madam:

The priority data as seen in the Domestic Benefit/National Stage Information Section of the original Application Data Sheet filed on September 19, 2016 is inaccurate. Applicant wishes to delete all currently claimed priority data as seen in the original Application Data Sheet and replace it with the priority claims as seen in the Substitute Application Data Sheet and as

disclosed in the Cross-Reference to Related Applications section of the original Specification, which is copied below:

This application is a continuation of Application Serial No. 13/462,819, entitled "Robust Voice Browser System and Voice Activated Device Controller," filed May 3, 2012, which is a continuation of Application Serial No. 12/973,475, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed December 20, 2010, which is a continuation of Application Serial No. 12/030,556, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 13, 2008, now U.S. Patent No. 7,881,941, which is a continuation application of Application Serial No. 11/409,703, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 24, 2006, now US Patent No. 7,386,455, which is a continuation application of Application Serial No. 10/821,690, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 9, 2004, now US Patent No. 7,076,431, which is a continuation application of Application Serial No. 09/776,996, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 5, 2001, now US Patent No. 6,721,705, which claims priority to U.S. Provisional Application Serial No. 60/180,344, entitled "Voice Activated Information Retrieval System," filed February 4, 2000 and U.S. Provisional Application No. 60/233,068, filed September 15, 2000, entitled "Robust Voice Browser System and Voice Activated Device Controller, all assigned to the assignee of the present application. The subject matter in the

above-identified co-pending and commonly owned applications is incorporated herein by reference.

Applicant also wishes to change the title indicated on the Application Data Sheet from “Personal Voice Based Information Retrieval System” to “Robust Voice Browser System and Voice Activated Device Controller.”

The necessary changes are indicated in a Marked-Up Application Data Sheet and a clean Substitute Application Data Sheet.

Please issue a corrected Filing Receipt indicating these changes.

Respectfully submitted,
ALEXANDER KURGANOV

Dated: September 21st, 2016 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33830
Of
PATENT LAW WORKS LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111
Tel.: (650) 537-4509
Fax: (801) 355-0160
Email: rkuyper@patentlawworks.net

Exhibit C

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		
<p>The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</p>			

Secrecy Order 37 CFR 5.2:

Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Alexander		Kurganov	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Buffalo Grove	State/Province	IL	Country of Residence
				US
Mailing Address of Inventor:				
Address 1	c/o Parus Holdings, Inc.			
Address 2	3000 Lakeside Drive, Suite 110S			
City	Bannockburn	State/Province	IL	
Postal Code	60015	Country	US	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. Add				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

An Address is being provided for the correspondence information of this application.

Customer Number	93219
Email Address	docketing@patentlawworks.net Add Email Remove Email

Application Information:

Title of the Invention	Robust Voice Browser System and Voice Activated Device Controller		
Attorney Docket Number	10115-05709 US	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

Request Early Publication (Fee required at time of Request 37 CFR 1.219)

Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer number will be used for the Representative information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	93219		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation of	13462819	2012-05-03

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US		
		Application Number			
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller				
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
13462819	Continuation of	12973475	2010-12-20	8185402	2012-05-22
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
12973475	Continuation of	12030556	2008-02-13	7881941	2011-02-01
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
12030556	Continuation of	11409703	2006-04-24	7386455	2008-06-10
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
11409703	Continuation of	10821690	2004-04-09	7076431	2006-07-11
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
10821690	Continuation of	09776996	2001-02-05	6721705	2004-04-13
Prior Application Status	Expired		Remove		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
09776996	Claims benefit of provisional	60180344	2000-02-04		
Prior Application Status	Expired		Remove		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
09776996	Claims benefit of provisional	60233068	2000-09-15		
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.					

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)¹ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ^j (if applicable)
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

<p>This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.</p> <p><input type="checkbox"/> NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.</p>
--

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller	

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Assignee
 Legal Representative under 35 U.S.C. 117
 Joint Inventor

Person to whom the inventor is obligated to assign.
 Person who shows sufficient proprietary interest

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here.

Organization Name: Parus Holdings, Inc.

Mailing Address Information For Applicant:

Address 1: 3000 Lakeside Drive, Suite 110S

Address 2:

City: Bannockburn State/Province: IL

Country: US Postal Code: 60015

Phone Number: Fax Number:

Email Address:

Additional Applicant Data may be generated within this form by selecting the Add button.

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US	
		Application Number		
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller			

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

If the Assignee or Non-Applicant Assignee is an Organization check here.

Prefix	Given Name	Middle Name	Family Name	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1				
Address 2				
City		State/Province		
Country ¹		Postal Code		
Phone Number		Fax Number		
Email Address				

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Reena Kuyper/		Date (YYYY-MM-DD)	2016-09-21
First Name	Reena	Last Name	Kuyper	Registration Number
				33830

Additional Signature may be generated within this form by selecting the Add button.

SUBSTITUTE APPLICATION DATA SHEET

PTO/AIA/14 (11-15)

Approved for use through 04/30/2017. OMB 0651-0032

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

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller	

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

SUBSTITUTE APPLICATION DATA SHEET

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the international Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Exhibit D

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

FIRST INVENTOR: Alexander Kurganov
APPLICATION NO: 15/269,776
FILING DATE: September 19, 2016
TITLE: Robust Voice Browser System and Voice Activated Device
Controller
EXAMINER: Vijay B. Chawan
GROUP ART UNIT: 2658
ATTY. DKT. NO: 10115-05709 US
CONFIRMATION NO: 2723

CERTIFICATE OF EFS-WEB TRANSMISSION

Pursuant to 240 OG 45 and the Legal Framework For EFS-Web, I hereby certify that this follow-on correspondence is being officially submitted through the USPTO EFS-Web system from the Eastern Time Zone of the United States on the local date shown below:

Dated: February 10th, 2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33830

COMMISSIONER FOR PATENTS
OFFICE OF INITIAL PATENT EXAMINATION
CUSTOMER SERVICE CENTER
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Sir/Madam:

Further to the Request for Corrected Filing Receipt and Substitute Application Data Sheet filed on September 21, 2016, for which no response has yet been received, and further to subsequent telephone conversations with the U.S. Patent Office's Applications Assistant Unit on February 9, 2017, based on the assumption that the Request filed on September 21, 2016, has not yet been considered, the undersigned respectfully submits that this application is under

Page 1 of 3

Application No. 15/269,776

Atty. Dkt. No. 10115-05709 US

prioritized examination (track 1), and requests a Corrected Filing receipt to reflect the correct chain of priority, submitted again in the attached Request for Corrected Data Sheet (with underlining that indicates the added chain of priority) and accompanied by a copy of the first page of the continuation application filed (with the correct chain of priority noted in the cross-reference to related applications, see attached Exhibit A and below).

This application is a continuation of Application Serial No. 13/462,819, entitled "Robust Voice Browser System and Voice Activated Device Controller," filed May 3, 2012, which is a continuation of Application Serial No. 12/973,475, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed December 20, 2010, which is a continuation of Application Serial No. 12/030,556, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 13, 2008, now U.S. Patent No. 7,881,941, which is a continuation application of Application Serial No. 11/409,703, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 24, 2006, now US Patent No. 7,386,455, which is a continuation application of Application Serial No. 10/821,690, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed April 9, 2004, now US Patent No. 7,076,431, which is a continuation application of Application Serial No. 09/776,996, entitled "Robust Voice Browser System And Voice Activated Device Controller," filed February 5, 2001, now US Patent No. 6,721,705, which claims priority to U.S. Provisional Application Serial No. 60/180,344, entitled "Voice Activated Information Retrieval System," filed February 4, 2000 and U.S. Provisional Application No. 60/233,068, filed September 15, 2000, entitled "Robust Voice Browser System and Voice Activated Device Controller, all assigned to the assignee of the present application. The subject matter in the above-identified co-pending and commonly owned applications is incorporated herein by reference.

This corrected Application Data Sheet submitted again replaces and corrects the priority data noted in the Domestic Benefit/National Stage Information Section of the Substitute Application Data Sheet filed on September 21, 2016, with the proper chain of priority indicated in the cross-reference section indicated above.

The changes are also indicated in a Marked-Up Application Data Sheet submitted herewith. A corrected Filing Receipt indicating the correct chain of priority is respectfully requested.

Respectfully submitted,
ALEXANDER KURGANOV

Dated: February 10th, 2017 By: /Reena Kuyper/
Reena Kuyper, Reg. No. 33830
Of
PATENT LAW WORKS LLP
201 South Main Street, Suite 250
Salt Lake City, UT 84111
Tel.: (650) 537-4509
Fax: (801) 355-0160
Email: rkuyper@patentlawworks.net

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1					<input type="button" value="Remove"/>
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Alexander		Kurganov		
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Buffalo Grove	State/Province	IL	Country of Residence	US
Mailing Address of Inventor:					
Address 1	c/o Parus Holdings, Inc.				
Address 2	3000 Lakeside Drive, Suite 110S				
City	Bannockburn	State/Province	IL		
Postal Code	60015	Country	US		
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.					<input type="button" value="Add"/>

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).			
<input type="checkbox"/> An Address is being provided for the correspondence information of this application.			
Customer Number	93219		
Email Address	docketing@patentlawworks.net	<input type="button" value="Add Email"/>	<input type="button" value="Remove Email"/>

Application Information:

Title of the Invention	Robust Voice Browser System and Voice Activated Device Controller		
Attorney Docket Number	10115-05709 US	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

Request Early Publication (Fee required at time of Request 37 CFR 1.219)

Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer number will be used for the Representative Information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	93219		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	<u>Pending</u>	<input type="button" value="Remove"/>	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	<u>Continuation of</u>	<u>13462819</u>	<u>2012-05-03</u>

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US		
		Application Number			
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller				
Prior Application Status	<u>Patented</u>		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>13462819</u>	<u>Continuation of</u>	<u>12973475</u>	<u>2010-12-20</u>	<u>8185402</u>	<u>2012-05-22</u>
Prior Application Status	<u>Patented</u>		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>12973475</u>	<u>Continuation of</u>	<u>12030556</u>	<u>2008-02-13</u>	<u>7881941</u>	<u>2011-02-01</u>
Prior Application Status	<u>Patented</u>		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>12030556</u>	<u>Continuation of</u>	<u>11409703</u>	<u>2006-04-24</u>	<u>7386455</u>	<u>2008-06-10</u>
Prior Application Status	<u>Patented</u>		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>11409703</u>	<u>Continuation of</u>	<u>10821690</u>	<u>2004-04-09</u>	<u>7076431</u>	<u>2006-07-11</u>
Prior Application Status	<u>Patented</u>		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>10821690</u>	<u>Continuation of</u>	<u>09776996</u>	<u>2001-02-05</u>	<u>6721705</u>	<u>2004-04-13</u>
Prior Application Status	<u>Expired</u>		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
<u>09776996</u>	<u>Claims benefit of provisional</u>	<u>60180344</u>	<u>2000-02-04</u>		
Prior Application Status	<u>Expired</u>		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
<u>09776996</u>	<u>Claims benefit of provisional</u>	<u>60233068</u>	<u>2000-09-15</u>		
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.					

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)¹ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ^j (if applicable)
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

<p>This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.</p> <p><input type="checkbox"/> NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.</p>
--

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

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

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	10115-05709 US
	Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.			
Applicant 1			
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.			
<input type="button" value="Clear"/>			
<input checked="" type="radio"/> Assignee	<input type="radio"/> Legal Representative under 35 U.S.C. 117	<input type="radio"/> Joint Inventor	
<input type="radio"/> Person to whom the inventor is obligated to assign.		<input type="radio"/> Person who shows sufficient proprietary interest	
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:			
Name of the Deceased or Legally Incapacitated Inventor: <input type="text"/>			
If the Applicant is an Organization check here. <input checked="" type="checkbox"/>			
Organization Name	Parus Holdings, Inc.		
Mailing Address Information For Applicant:			
Address 1	3000 Lakeside Drive, Suite 110S		
Address 2			
City	Bannockburn	State/Province	IL
Country	US	Postal Code	60015
Phone Number		Fax Number	
Email Address			
Additional Applicant Data may be generated within this form by selecting the Add button.			

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US	
		Application Number		
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller			

Assignee 1				
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.				
If the Assignee or Non-Applicant Assignee is an Organization check here. <input type="checkbox"/>				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information For Assignee including Non-Applicant Assignee:				
Address 1				
Address 2				
City		State/Province		
Country ⁱ		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.				

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Reena Kuyper/		Date (YYYY-MM-DD)	2017-02-10
First Name	Reena	Last Name	Kuyper	Registration Number 33830

Additional Signature may be generated within this form by selecting the Add button.

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

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	10115-05709 US
		Application Number	
Title of Invention	Robust Voice Browser System and Voice Activated Device Controller		

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Exhibit E