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**O'Neal et al.**

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(54) **COMPUTER-IMPLEMENTED CALL FORWARDING OPTIONS AND METHODS THEREFOR IN A UNIFIED MESSAGING SYSTEM**

(75) Inventors: **Stephen C. O'Neal**, San Francisco, CA (US); **John Jiang**, Danville, CA (US)

(73) Assignee: **Microsoft Corporation**, Redmond, WA (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(51) **Int. Cl.**<sup>7</sup> ..... **H04M 3/42; H04M 7/00**

(52) **U.S. Cl.** ..... **379/211.02; 379/201.12; 379/221.01**

(58) **Field of Search** ..... **379/201, 210, 379/211, 212, 219, 220, 221; 709/229; 455/461**

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*Primary Examiner*—Ahmad F. Matar

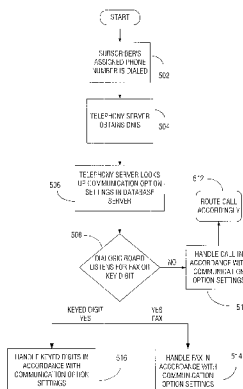
*Assistant Examiner*—Hector Agdeppa

(74) *Attorney, Agent, or Firm*—Senniger, Powers, Leavitt & Roedel

(57) **ABSTRACT**

A computer-implemented method for permitting a subscriber of a call forwarding service to customize call forwarding parameters associated with the call forwarding service. The call forwarding service being configured to permit the subscriber to specify whether a call received at a telephone number associated with a given account of the call forwarding service be forwarded to a forwarding telephone number. The call forwarding parameters includes a call forwarding enable option and the forwarding telephone number. The method includes providing a subscriber communication profile database. The subscriber communication profile database has therein the account pertaining to the subscriber. The account includes the call forwarding parameters for the subscriber. The method further includes visually displaying the call forwarding parameters on a display terminal coupled to a data-centric network, using a computer server coupled to exchange data with the subscriber communication profile database, when the subscriber employs the display terminal to access the account. There is also included receiving from the subscriber via the display terminal a first change to the call forwarding parameters. The first change to the call forwarding parameters pertains to at least one of the call forwarding enable option and the forwarding telephone number. Further, there is included updating the first change to the account in the subscriber communication profile database, wherein subsequent calls to the given account are handled in accordance with parameters present in the subscriber communication profile database after the update.

**35 Claims, 7 Drawing Sheets**



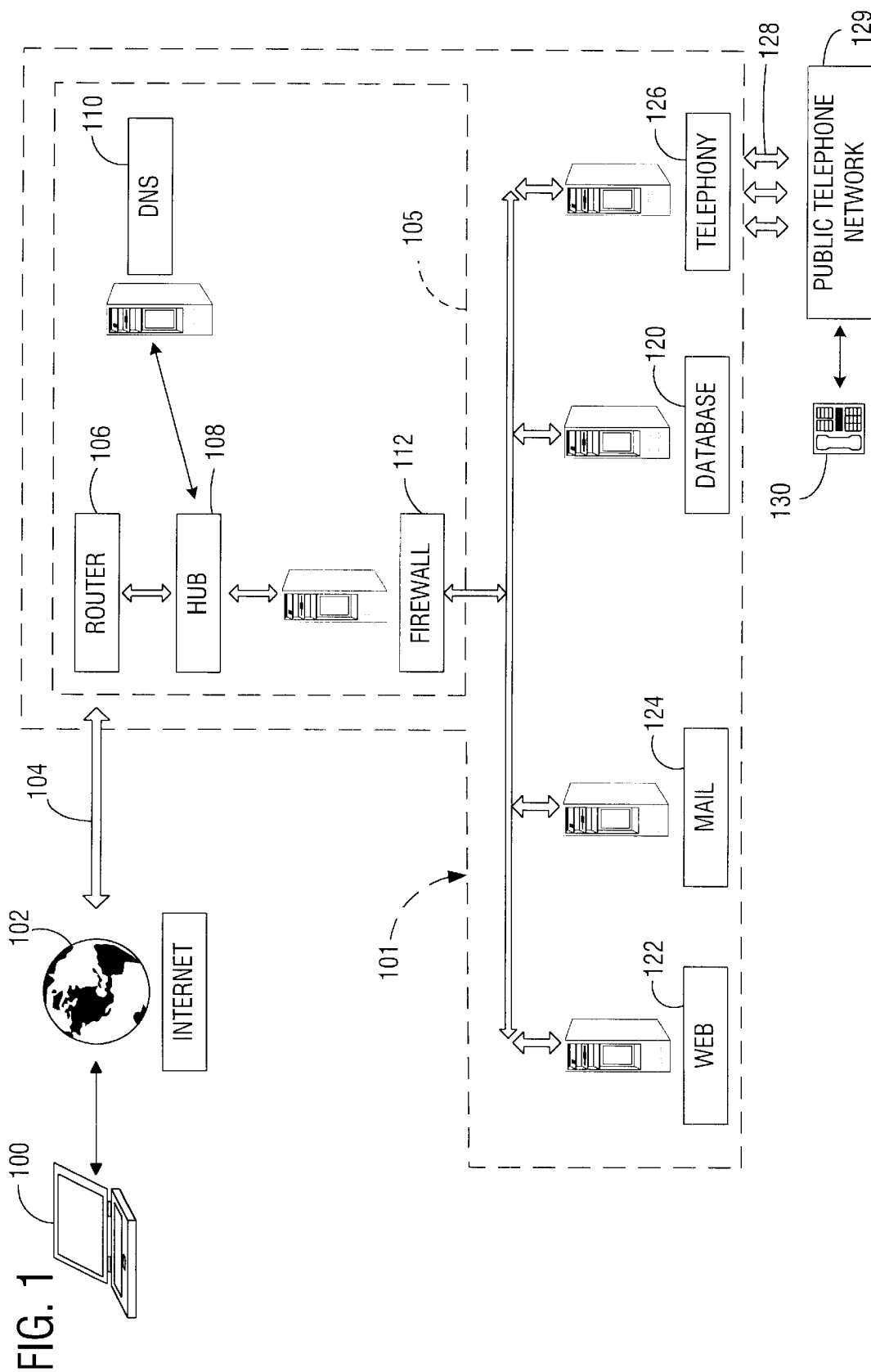


FIG. 1

FIG. 2

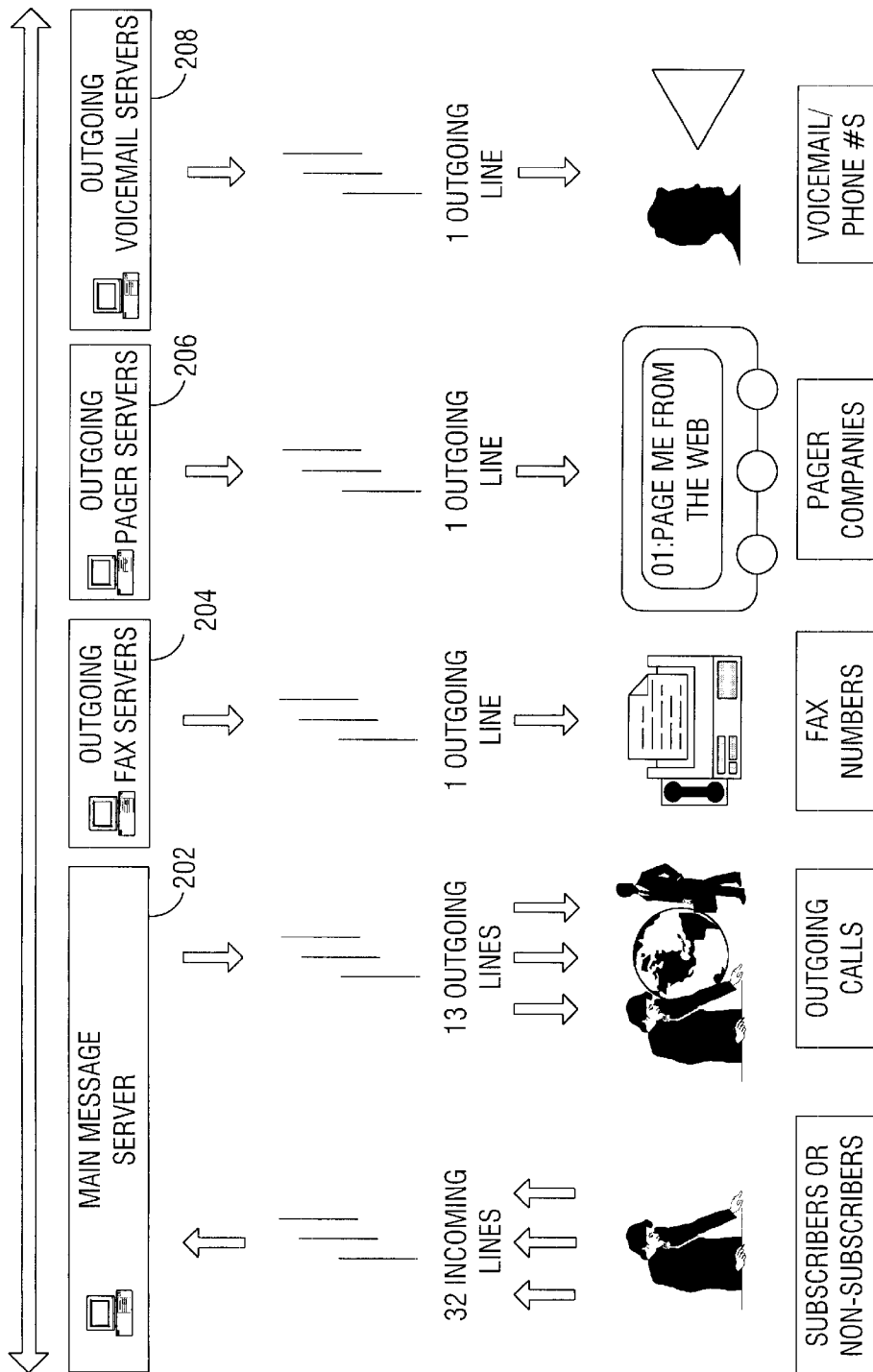


FIG. 3

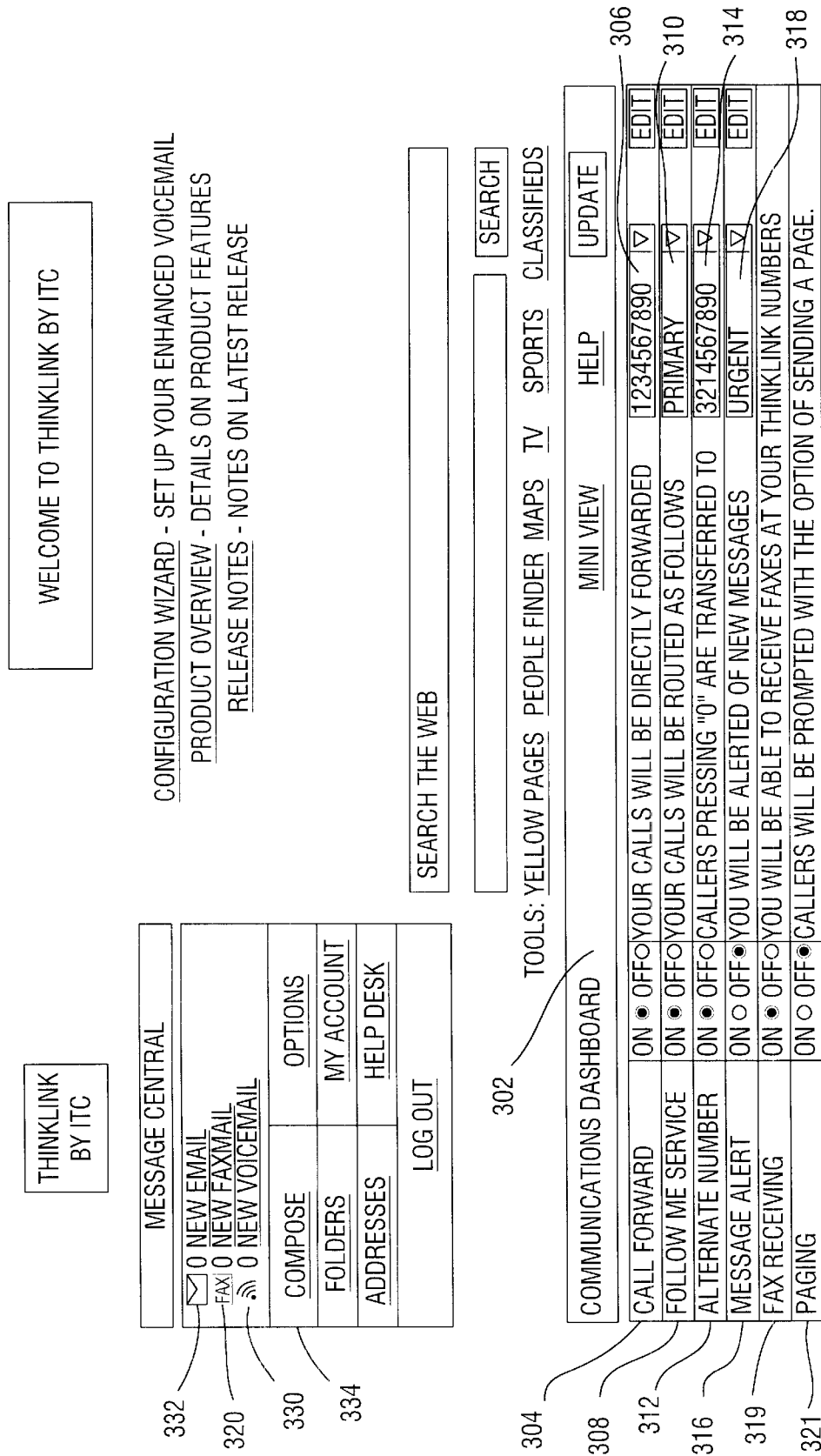


FIG. 4

<input type="checkbox"/> FAX		<b>OPTIONS</b>		<b>HELP</b>	
<b>ADVANCED COMMUNICATION SETTINGS</b>					
HOME COMPOSE FOLDERS ADDRESSES OPTIONS MY ACCOUNTS HELP DESK LOG OUT	<b>CALL FORWARD</b>	SECONDARY ON <input checked="" type="radio"/> OFF <input type="radio"/>	<b>SAVE AND CLOSE</b>	ON <input checked="" type="radio"/> OFF <input type="radio"/>	<b>HELP</b>
	FORWARD CALL TO	(123)456-7890 (H) (CELL) (W) (1) (2)	<b>FAX RECEIVING</b>	FORWARD FAXES TO	(HOME FAX) (WORK FAX)
	<b>FOLLOW ME</b>	ON <input checked="" type="radio"/> OFF <input type="radio"/>	<b>FAX SENDING</b>	SEND ATTEMPTS	<input type="text" value="1"/>
	<b>FOLLOW ME CALL ROUTING</b>	<input type="text" value="PRIMARY"/>	MESSAGE ALERT	INTERVAL BETWEEN ATTEMPTS (MIN)	<input type="text" value="5"/>
	PRIMARY	SECONDARY	YOU WILL BE PAGED FOR:	URGENT MESSAGES	<input type="text" value="316"/>
	1. (123)456-7890 2. (123)789-4560 3. (321)456-7890	1. (123)456-7890 2. (123)456-7890 3. (321)456-7890	INCLUDES:	<input type="checkbox"/> INBOX	
	OVERRIDE	<input type="text"/>	-NEW VOICEMAIL -NEW FAXES -NEW EMAIL	(IN THE FOLDERS SELECTED AT RIGHT)	
	<b>ALTERNATE NUMBER</b>	ON <input checked="" type="radio"/> OFF <input type="radio"/>	<b>PAGING</b>	ON <input type="radio"/> OFF <input checked="" type="radio"/>	
	"0" FORWARDS TO	(321)456-7890 (H) (CELL) (W) (1) (2)	(NOTE: YOU MUST ENTER PIN IF REQUIRED BY YOUR PAGER SERVICE)	NUMBER	<input type="text"/>
	PIN	<input type="text"/>	[PERSONAL NUMBERS]	(NOTE: WHEN BOTH CALL FORWARD AND FOLLOW ME ARE TURNED ON THE CALLER IS FORWARDED FIRST. IF THERE IS NO ANSWER AT THE FORWARD NUMBER, THE CALLER IS GIVEN THE OPTION TO USE THE FOLLOW ME FEATURE.)	<input type="text"/>

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