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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**

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(\*) 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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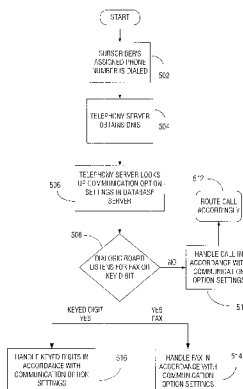
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(57) **ABSTRACT**

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**



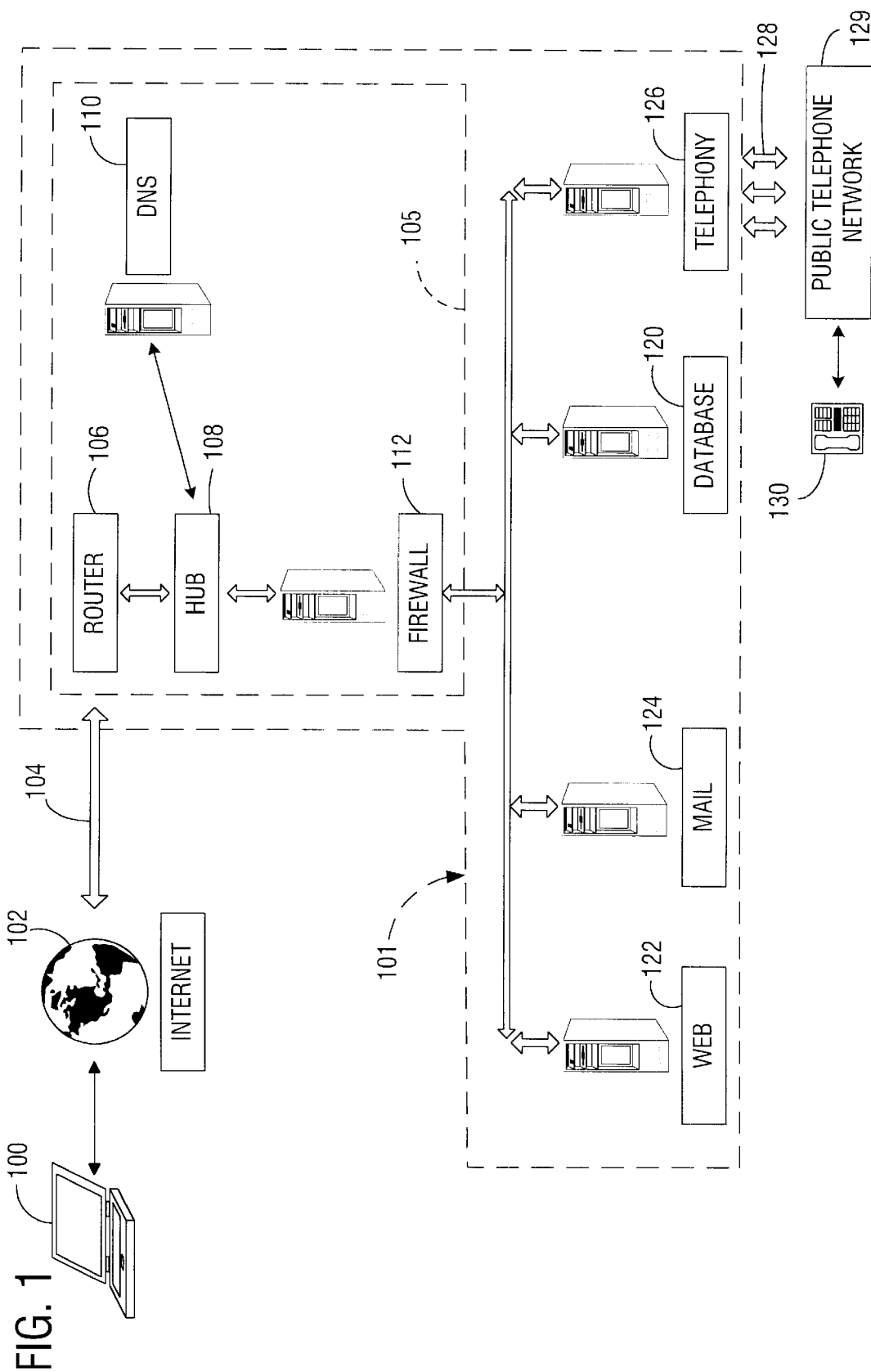


FIG. 1

FIG. 2

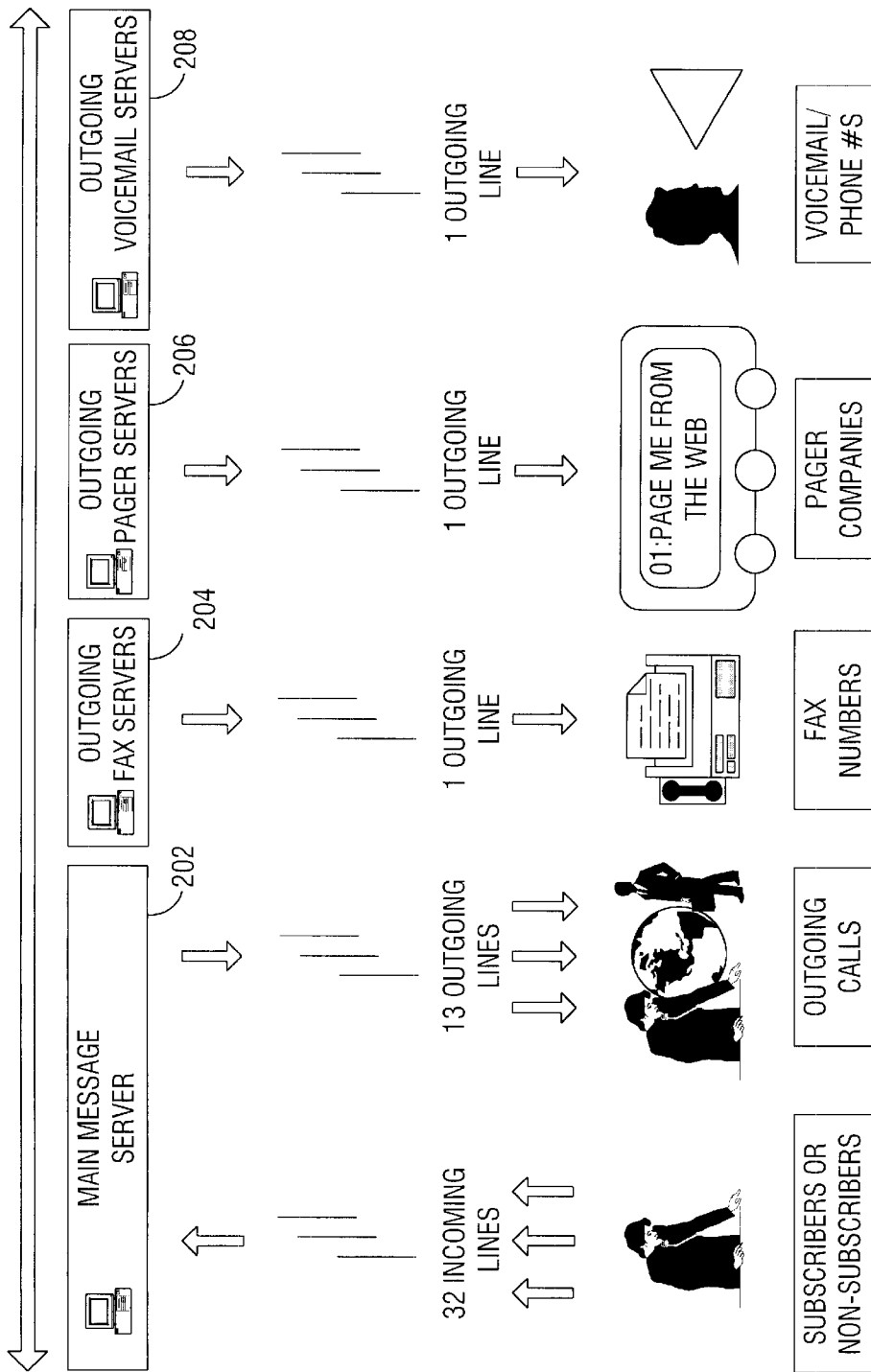


FIG. 3

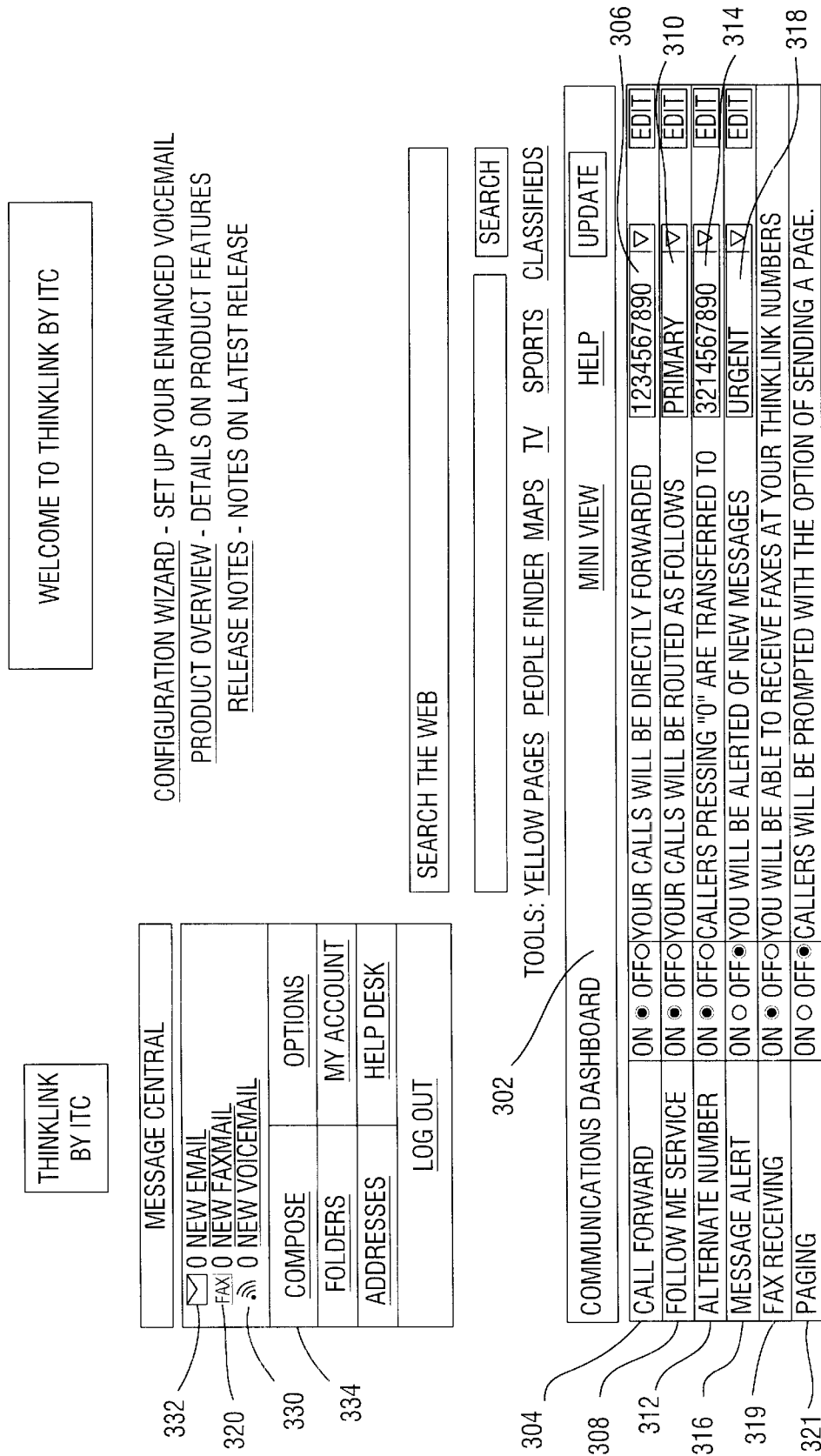


FIG. 4

<input type="checkbox"/> FAX		<b>OPTIONS</b>		<b>HELP</b>	
<b>ADVANCED COMMUNICATION SETTINGS</b>					
HOME	COMPOSE	FOLDERS	ADDRESSES	OPTIONS	MY ACCOUNTS
LOG OUT	HELP DESK	MY ACCOUNTS	ADDRESSES	FOLDERS	COMPOSE
<b>CALL FORWARD</b>		<b>SECONDARY</b>		<b>ON</b> <input checked="" type="radio"/> <b>OFF</b> <input type="radio"/>	
FORWARD CALL TO (123)456-7890 (H) (CELL) (W) (1) (2)		FOLLOW ME		ON <input checked="" type="radio"/> OFF <input type="radio"/>	
<b>FOLLOW ME</b>		<b>FOLLOW ME CALL ROUTING</b>		<b>PRIMARY</b> <input type="checkbox"/> <b>SECONDARY</b> <input type="checkbox"/>	
PRIMARY		SECONDARY		ON <input checked="" type="radio"/> OFF <input type="radio"/>	
1. (123)456-7890		1. (123)456-7890		"0" FORWARDS TO (321)456-7890 (H) (CELL) (W) (1) (2)	
2. (123)789-4560		2. (123)456-7890		PAGING	
3. (321)456-7890		3. (321)456-7890		ON <input type="radio"/> OFF <input checked="" type="radio"/>	
OVERRIDE		ALTERNATE NUMBER		NUMBER <input type="text"/> PIN <input type="text"/>	
ON <input checked="" type="radio"/> OFF <input type="radio"/>		ON <input checked="" type="radio"/> OFF <input type="radio"/>		(NOTE: YOU MUST ENTER PIN IF REQUIRED BY YOUR PAGER SERVICE)	
"0" FORWARDS TO (321)456-7890 (H) (CELL) (W) (1) (2)		PAGING		[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.)	
ON <input type="radio"/> OFF <input checked="" type="radio"/>		PAGING		(NOTE: YOU MUST ENTER PIN IF REQUIRED BY YOUR PAGER SERVICE)	
ON <input type="radio"/> OFF <input checked="" type="radio"/>		PAGING		(NOTE: YOU MUST ENTER PIN IF REQUIRED BY YOUR PAGER SERVICE)	

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