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(54) **GUIDED NATURAL LANGUAGE INTERFACE SYSTEM AND METHOD**

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G10F 17/27 (2006.01)
(52) **U.S. Cl.** **704/9**
(58) **Field of Classification Search** 704/9, 704/257, 270.1; 707/3
See application file for complete search history.

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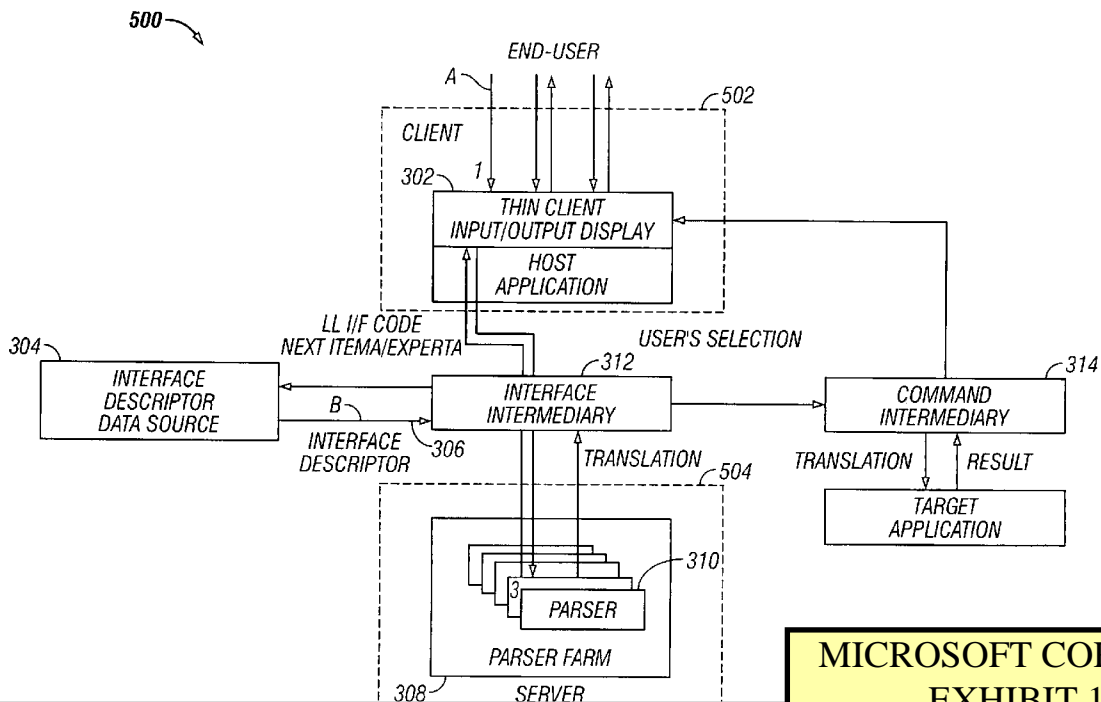|					
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(57) **ABSTRACT**

A method for a guided natural language interface includes inputting to a thin client a query, communicating to an interface intermediary, communicating to an interface descriptor data source, generating an interface descriptor, communicating the interface descriptor to the interface intermediary, communicating the interface descriptor to a parser farm, requesting an appropriate parser corresponding to the interface descriptor, assigning an appropriate parser, parsing, communicating a translation from the step of parsing, to the interface intermediary, and communicating the translation to the thin client. The thin client can be geographically remote from any or all of the steps other than the step of inputting, such that the method is performed over a disparate enterprise, such as a network, for example, the Internet.

33 Claims, 18 Drawing Sheets

FIG. 1

FIG. 2

FIG. 3

FIG. 4

400

402 — INPUTTING TO THIN CLIENT

404 — COMMUNICATING TO INTERFACE INTERMEDIARY

406 — COMMUNICATING TO INTERFACE DESCRIPTOR DATA SOURCE

408 — GENERATING AN INTERFACE DESCRIPTOR

410 — COMMUNICATING TO INTERFACE INTERMEDIARY

412 — COMMUNICATING TO PARSER FARM

414 — IDENTIFYING, LOCATING OR CREATING PARSER

426 — OUTPUTTING BY THIN CLIENT

424 — COMMUNICATING TO COMMAND INTERMEDIARY

422 — PROCESSING TARGET APPLICATION

420 — DELIVERING TRANSLATION TO COMMAND INTERMEDIARY

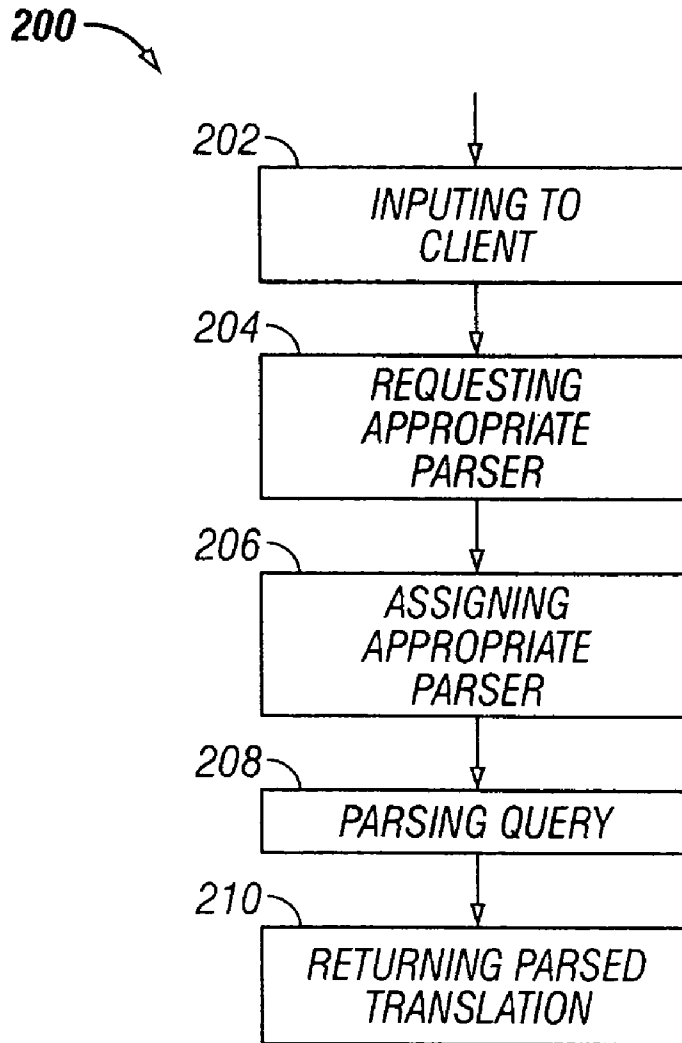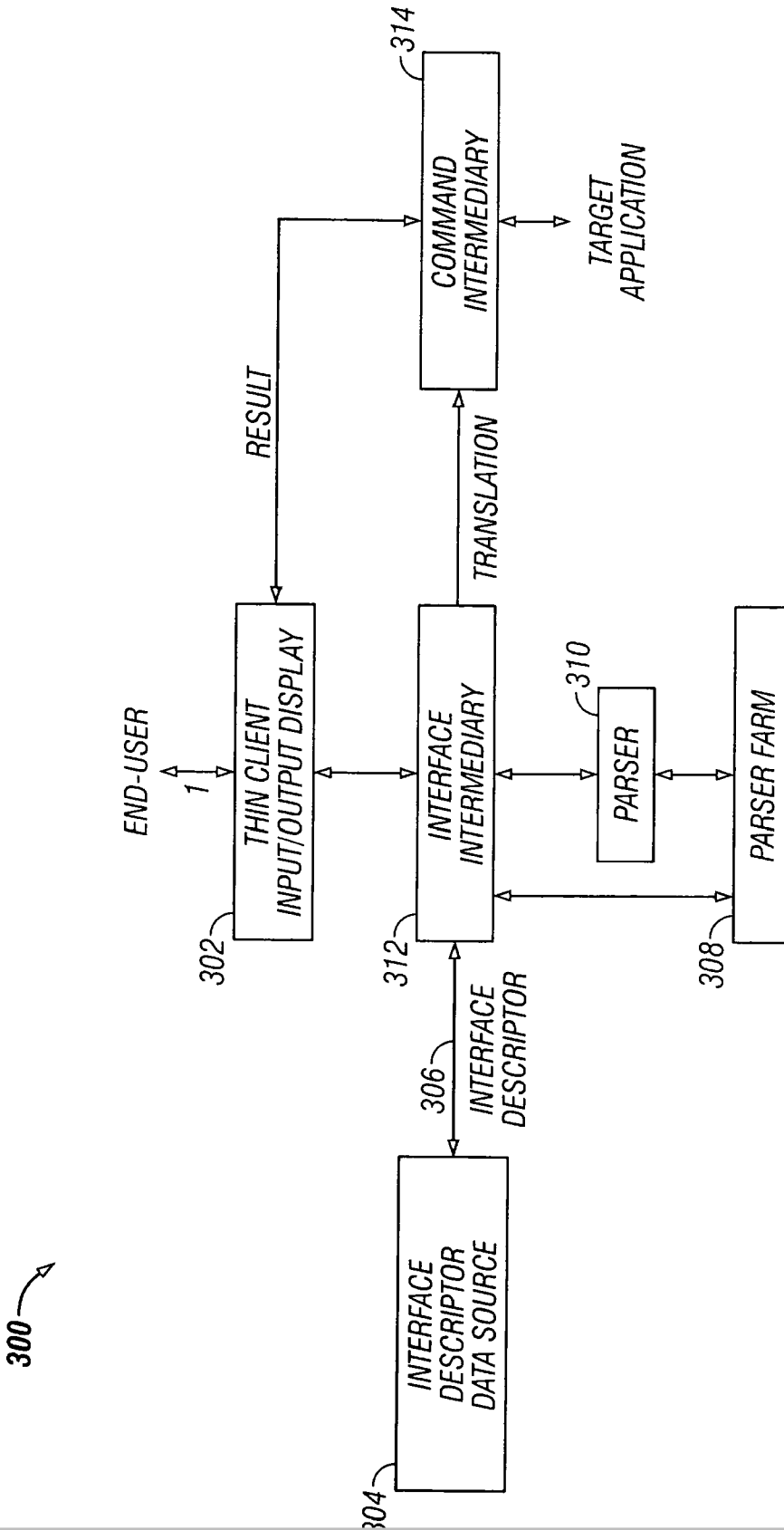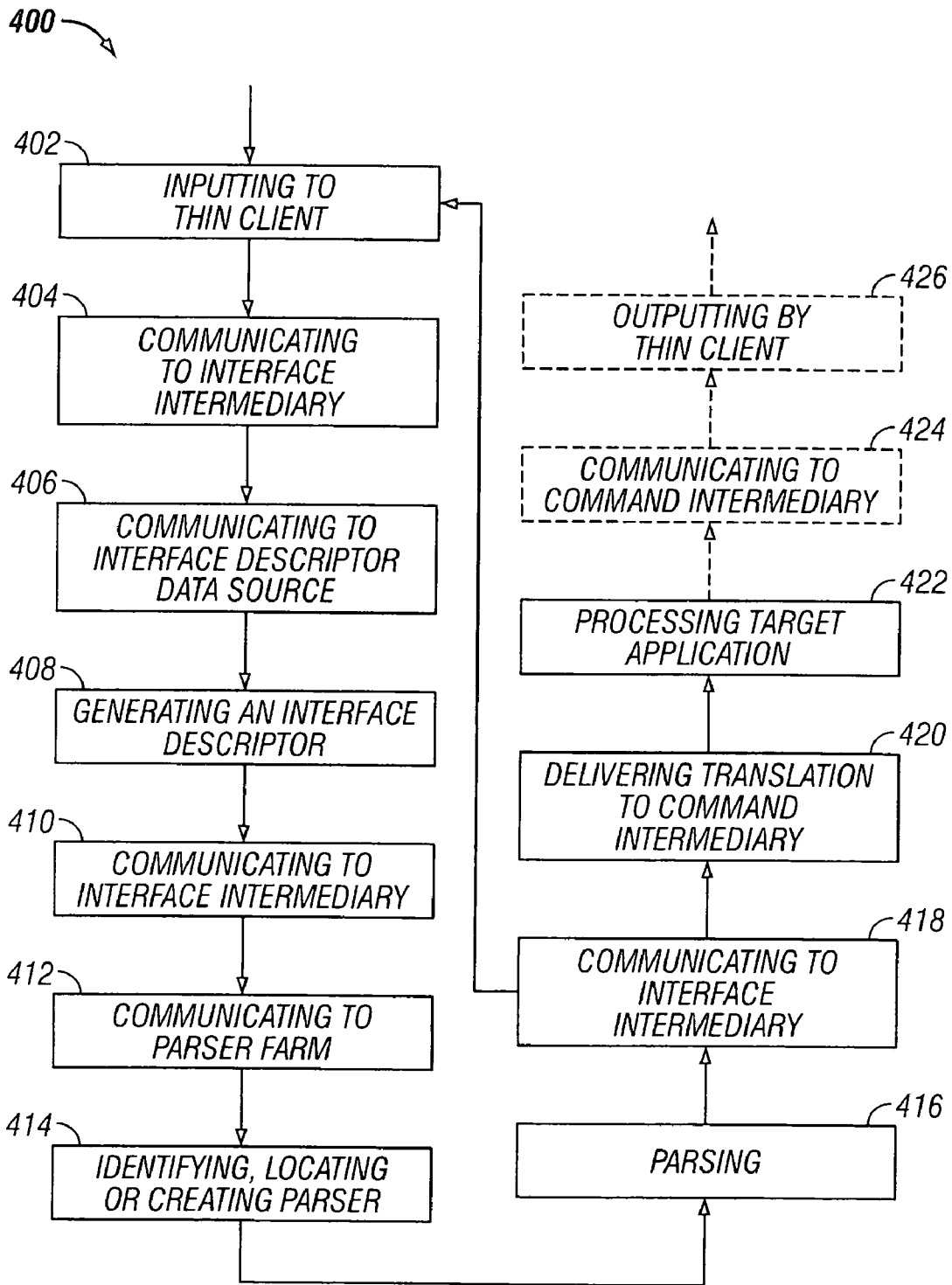418 — COMMUNICATING TO INTERFACE INTERMEDIARY

416 — PARSING

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