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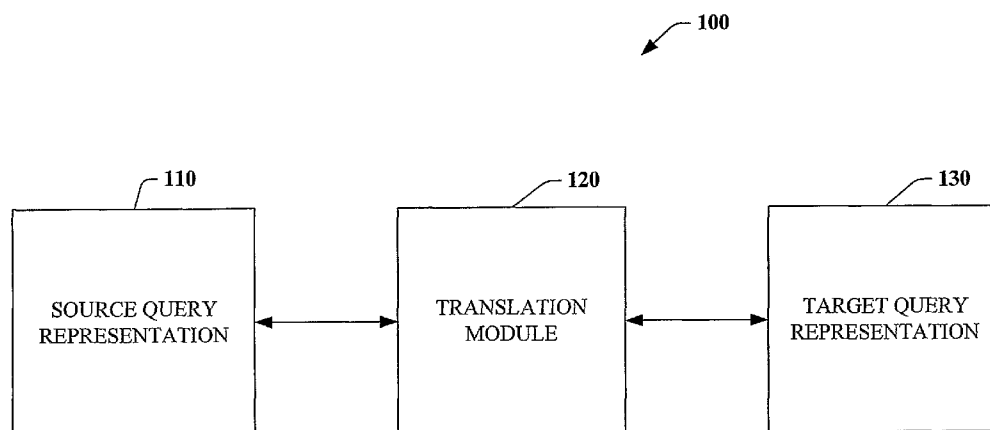
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
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[Continued on next page]

(54) Title: INTELLIGENT SQL GENERATION FOR PERSISTENT OBJECT RETRIEVAL



(57) Abstract: A system for converting a query from a representation in a first computing language (Figure 1, 110) to an equivalent query in a representation in a second computing language that is different from the first computing language (Figure 1, 130), comprises a query module that accepts a query in an object-oriented representation for translation to an equivalent query in a target query language. The system also includes a translation module (Figure 1, 120) that uses the object-oriented representation of the query to create a first version of the query in an idealized version of a target query language and uses the first version of the query to create a second version of the query in an implemented version of the target query language (Figure 1). Methods of using the system are also provided.

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC: **G06F 17/30**( 2006.01)

USPC: 707/100,101,102,103R

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## B. FIELDS SEARCHED

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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)  
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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US Pub. 2004/0230584 (NOURI) 18 November 2004 (18.11.2004), Figures 2, 5, and 6, pages 1-3, and page 6.	1-20
A	US Pub. 2006/0200438 (SCHLOMING) 7 September 2006 (07.09.2006).	1-20
A	US 7,185,016 (RASMUSSEN) 27 February 2007 (27.02.2007).	1-20



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