(57) Abstract: Systems and methods of performing single sign-on authentication from multiple platforms when establishing a connection to a database are described. An application can securely access a database based on user credentials provided during a prior authentication. In an embodiment, single sign-on is accomplished by relying on existing and emerging authentication, security service, security mechanism, and wire protocols, enabling the creation of drivers to accommodate various platforms and databases. In another embodiment, a pure type 4 Java Driver is used, eliminating dependencies on native operating functionality.

Published:
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
**INTERNATIONAL SEARCH REPORT**

A. **CLASSIFICATION OF SUBJECT MATTER**

IPC 7 G06F1/00

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)

IPC 7 G06F H04L

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)

EPO-Internal, WPI Data, IBM-TDB, PAJ

C. **DOCUMENTS CONSIDERED TO BE RELEVANT**

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abstract  
column 5, line 30 - column 7, line 10  
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| A        | "JDBC Guide: Getting Started"  
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X Further documents are listed in the continuation of box C.  
X Patent family members are listed in annex.

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**Date of the actual completion of the international search**

7 March 2005

**Date of mailing of the international search report**

18/03/2005

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