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(54) **SHARED USER INTERFACE SURFACE SYSTEM**

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(52) **U.S. Cl.**
USPC **715/751**; 715/748; 715/761

(58) **Field of Classification Search**
USPC 715/751, 748, 761
See application file for complete search history.

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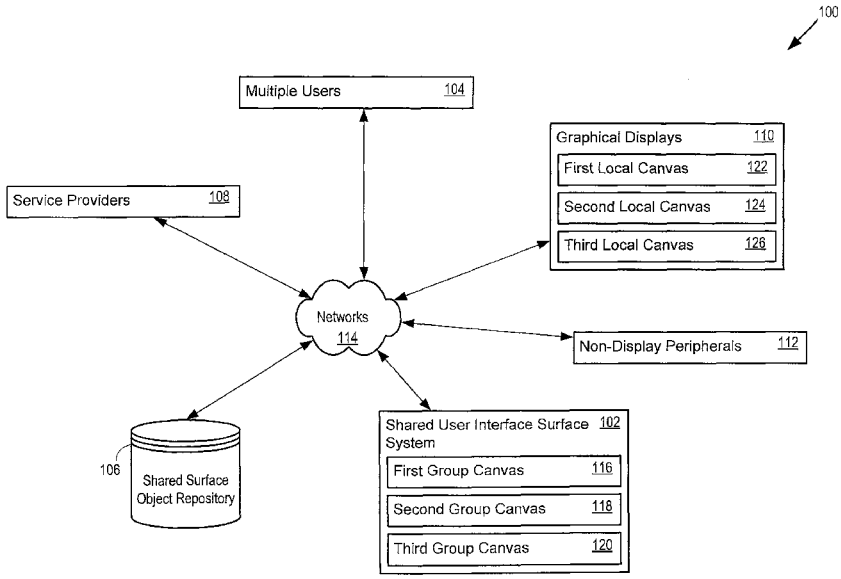
(57) **ABSTRACT**

The shared user interface surface system is a simple and lightweight collaboration tool that is accessible simultaneously by multiple users through multiple sources. The shared user interface surface system provides a way to share a user interface surface and corresponding shared surface object, and coordinates local manipulations of respective local representations of the shared user interface surface and corresponding shared surface object, and updates the respective local representations with a group representation. The system accommodates diverse collaboration requirements including mixed written and spoken languages, utilization of the accessibility layer for physically disabled and disparate computing resources.

31 Claims, 16 Drawing Sheets