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(54) **DYNAMIC VISUAL CODING OF TEMPORAL, GEOGRAPHY AND ACTIVITY DRIVEN USER INTERFACES**

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CPC **G06F 40/103** (2020.01); **G06F 3/012** (2013.01); **G06F 40/197** (2020.01); **G06T 11/001** (2013.01); **G06V 40/176** (2022.01); **G06F 2203/011** (2013.01); **G06T 2200/24** (2013.01)

(58) **Field of Classification Search**

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See application file for complete search history.

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(57) **ABSTRACT**

Enhancing interactivity of a user with a portion of a web page includes providing visual codes for some items on the web page that are part of the portion of the web page. Each of the visual codes corresponds to temporal, geographical, content, activity, and/or behavior attributes of the at least some items. Enhancing interactivity also includes providing a user-actuatable mechanism on the web page to capture the portion of the web page and to create a visual code shortcut for each of the visual codes corresponding to the portion of the web page and storing the portion of the web page. The portion is stored in a repository that is indexed according to the visual code shortcuts. The portion of the web page may be a news page.

26 Claims, 13 Drawing Sheets

