



(19) **United States**

(12) **Patent Application Publication**  
**SCOTT et al.**

(10) **Pub. No.: US 2011/0029862 A1**

(43) **Pub. Date: Feb. 3, 2011**

(54) **SYSTEM AND METHOD FOR CONTEXT  
BASED PREDICTIVE TEXT ENTRY  
ASSISTANCE**

**Publication Classification**

(51) **Int. Cl.**  
**G06F 17/21** (2006.01)  
**G06F 3/048** (2006.01)  
(52) **U.S. Cl.** ..... **715/261; 715/773**

(75) Inventors: **Sherryl Lee Lorraine SCOTT,**  
Waterloo (CA); **Vadim FUX,**  
Waterloo (CA); **Jason Tyler**  
**GRIFFIN,** Waterloo (CA)

(57) **ABSTRACT**

A device is provided for executing a method for providing context based predictive text entry. The device has a processor and a keyboard, a display screen, and a storage device connected to the processor. The method comprises receiving an input from the keyboard, the input comprising a character of a string; gathering relevant contextual data based on the input; retrieving any relevant stored data from the storage device based on the input; generating at least one context based prediction based on the received input, the contextual data, and any relevant stored data; displaying at least one option for completing the string on the display screen based on the at least one prediction; and completing the string if one of the options displayed on the display screen is selected by way of a further input.

Correspondence Address:  
**OGILVY RENAULT LLP**  
**1, Place Ville Marie, SUITE 2500**  
**MONTREAL, QC H3B 1R1 (CA)**

(73) Assignee: **RESEARCH IN MOTION  
LIMITED,** Waterloo (CA)

(21) Appl. No.: **12/512,354**

(22) Filed: **Jul. 30, 2009**

