



(19) **United States**

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

(10) **Pub. No.: US 2001/0017615 A1**

(43) **Pub. Date: Aug. 30, 2001**

(54) **INTELLIGENT TOUCH-TYPE UNIVERSAL
REMOTE CONTROL**

Publication Classification

(51) **Int. Cl.⁷ G09G 5/00**
(52) **U.S. Cl. 345/173**

(76) **Inventors: Chih-Shu Lin, Taipei (TW); Yu-Wu
Fan, Tucheng City (TW); Chia-Hui
Wang, Sanchung City (TW); Chun-Kai
Yang, Taipei (TW); Wei-Chung Hsu,
Panchiao City (TW); Cheng-Wen
Hsiao, Chungho City (TW)**

(57) **ABSTRACT**

An intelligent touch-type universal remote control has a touch-type screen, an infrared transmitter for transmitting remote control codes, an infrared receiver for receiving remote control codes to perform a learning procedure, a basic button set, and a processing unit. The touch-type screen can be activated by operating the basic button set to display a main menu page having a macro button, a previous page button, a next page button, and multiple items, each further corresponding to at least one menu page, for corresponding to various appliances to be controlled, each button being selected simply by touching. The touch-type screen can also be activated by operating the basic button set to display a setting menu screen for setting the universal remote control.

Correspondence Address:
BACON & THOMAS, PLLC
4th Floor
625 Slaters Lane
Alexandria, VA 22314-1176 (US)

(21) **Appl. No.: 09/731,731**

(22) **Filed: Dec. 8, 2000**

(30) **Foreign Application Priority Data**

Dec. 10, 1999 (TW)..... 088121654

