United States Patent [19]

Moon

[11] **Patent Number: 4,737,040**

[45] **Date of Patent: Apr. 12, 1988**

[54] **KEYBOARD DEVICE AND METHOD FOR ENTERING JAPANESE LANGUAGE TEXT UTILIZING ROMAJI CHARACTER NOTATION**

[76] Inventor: **Tag Y. Moon,** 1050 Putney Dr., Worthington, Ohio 43085

[21] Appl. No.: **702,417**

[22] Filed: **Feb. 15, 1985**

[51] **Int. Cl.**[4] **B41J 5/10**

[52] **U.S. Cl.** ..... **400/110;** 178/30; 340/365 R; 400/82; 400/100; 400/486; 400/489

[58] **Field of Search** ..... 400/110, 82, 87, 88, 400/91, 482, 486, 489, 100, 101, 102; 178/30; 340/365 R

[56] **References Cited**

U.S. PATENT DOCUMENTS

2,196,987	4/1940	Gaston	400/82
3,305,062	2/1967	Kittredge	400/82 X
4,042,777	8/1977	Bequaert et al.	400/100 X
4,173,753	11/1979	Chou	400/110 X
4,379,288	4/1983	Leung et al.	400/110 X
4,462,703	7/1984	Lee	400/110
4,505,602	3/1985	Wong	400/110
4,531,119	7/1985	Nakayama et al.	400/110 X

FOREIGN PATENT DOCUMENTS

3142138	5/1983	Fed. Rep. of Germany	400/110
58-37726	3/1983	Japan	400/110

OTHER PUBLICATIONS

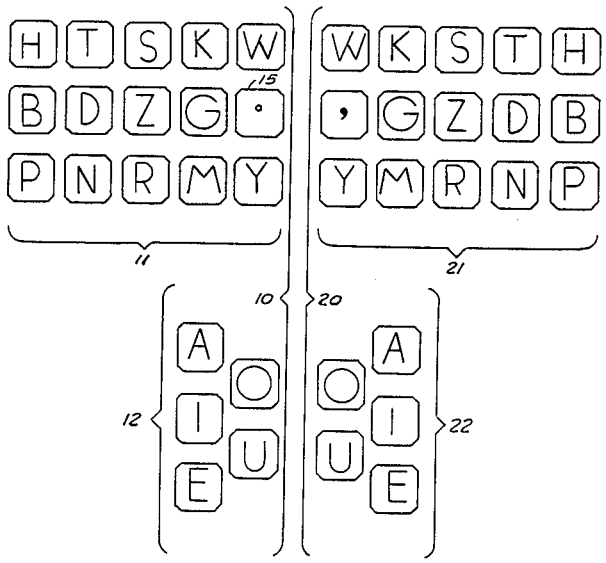
"Automatic Mode Select on the IBM Kanji Keyboard", by Abrahamson et al, *IBM Technical Disclosure Bulletin,* vol. 26, No. 11, pp. 6112–6115, Apr. 1984.

High Technology, Jan. 1983, pp. 22–23.

Primary Examiner—Edgar S. Burr

Assistant Examiner—Moshe I. Cohen

[57] **ABSTRACT**

The present invention is a keyboard device for entering Japanese language text utilizing Romaji character notation and a method for entering the Romaji character notation.

5 Claims, 3 Drawing Sheets