US006052472A

United States Patent [19]

Lo

[11] **Patent Number: 6,052,472**

[45] **Date of Patent: Apr. 18, 2000**

[54] **MULTI-FUNCTIONAL AUDIO AND VIDEO CONTROL BOX**

[76] Inventor: **Michael Lo**, 17F, No. 167, Sec. 2, Hsin-Hai Rd., Taipei, Taiwan

[21] Appl. No.: **08/893,137**

[22] Filed: **Jul. 15, 1997**

[51] **Int. Cl.**[7] **H02B 1/00**; H04R 25/00

[52] **U.S. Cl.** **381/123**; 381/85; 381/124; 381/150; 181/148; 181/199

[58] **Field of Search** ..... 381/123, 124, 381/386, 81, 80, 85, 150, 306, 333, 388, FOR 125, 165; 181/198, 199, 148; 361/683

[56] **References Cited**

U.S. PATENT DOCUMENTS

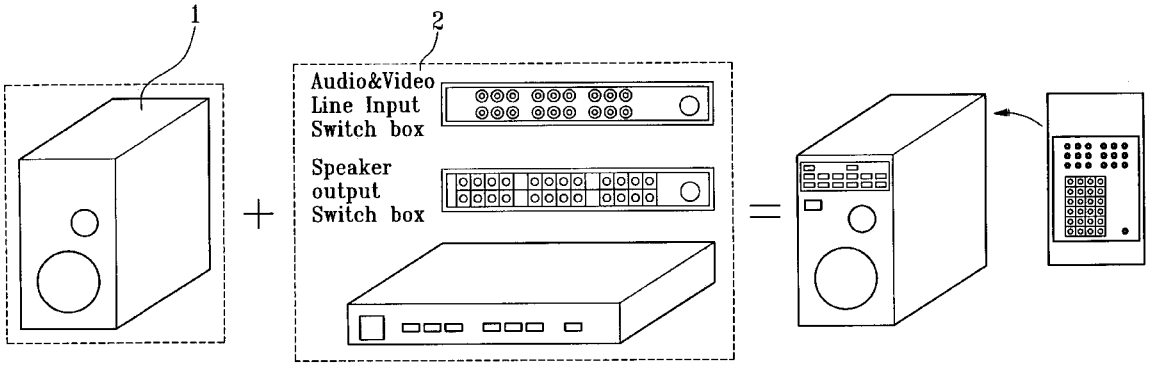
D. 341,128	11/1993	Rozier	D13/164
4,187,395	2/1980	Hewson, Jr.	181/48
5,130,662	7/1992	Jorgensen et al.	381/81
5,255,322	10/1993	Farinelli et al.	381/81
5,297,211	3/1994	Noro	381/81
5,479,516	12/1995	Damato et al.	381/81
5,761,320	6/1998	Farinelli et al.	381/81
5,937,074	8/1999	Carver	181/199

FOREIGN PATENT DOCUMENTS

1-164200	6/1989	Japan	H04R 1/02
2-274019	11/1990	Japan	381/81

Primary Examiner—Vivian Chang
Assistant Examiner—Xu Mei
Attorney, Agent, or Firm—Rosenberg, Klein & Lee

[57] **ABSTRACT**

The subject invention relates to a type of multi-functional audio & video control box, comprising such components as an antimagnetic speaker box and several sets of audio/video selector whereby an audio/video connection switch box and an audio input/output speaker switch functions are completely integrated inside an antimagnetic speaker box, so as to very efficiently save space, with possible designing and combination of easily operated switches.

10 Claims, 9 Drawing Sheets