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(54) Title: APPARATUS, SYSTEM AND METHOD FOR CONTROLLING MOTORIZED FURNITURE

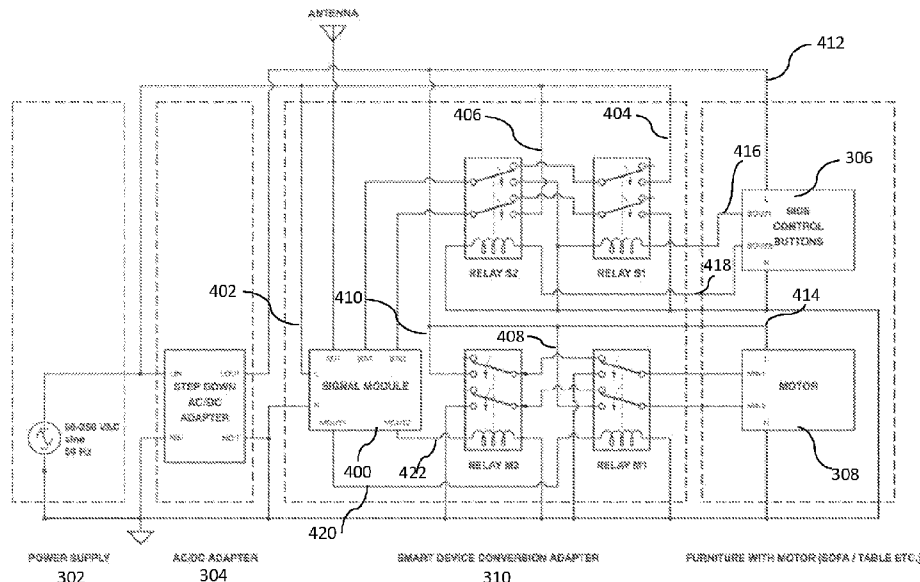


Figure 4

(57) Abstract: An apparatus includes a signal module and an antenna connected to the signal module. The signal module includes a plurality of input ports and a plurality of output ports. The signal module is operable based on an input control signal from either the antenna or a control device to control operation of a motor.



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A. CLASSIFICATION OF SUBJECT MATTER		
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According to International Patent Classification (IPC)		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
H01H, G05B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
FAMPAT: remote, antenna, control, motor, furniture, relay, switch, input, output, adaptor and related terms		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2005-306256 A (KOEI SANGYO ET AL.) 4 November 2005 Page 7, 8, 13, 19, 20, 24, 29, 31, 34, 35 of the machine translation	1-18
A	US 7649727 B2 (ELDERBAUM, D. ET AL.) 19 January 2010 whole document	
A	CN 1992546 A (YANG HUA ET AL.) 4 July 2007 whole document of the machine translation	
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		

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<p>Date of the actual completion of the international search</p> <p>14/08/2023 (day/month/year)</p>	<p>Date of mailing of the international search report</p> <p>18/08/2023 (day/month/year)</p>	
<p>Name and mailing address of the ISA/SG</p> <p>Intellectual Property Office of Singapore  1 Paya Lebar Link, #11-03 PLQ 1, Paya Lebar Quarter Singapore 408533</p> <p>Email: pct@ipos.gov.sg</p>	<p>Authorized officer</p> <p><u>Liu</u> Shuwei (Dr)</p> <p>IPOS Customer Service Tel. No.: (+65) 6339 8616</p>	

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	CN 211786665 U (GUANGDONG COMMUNICATION POLYTECHNIC) 27 October 2020 whole document of the machine translation	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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Note: This Annex lists known patent family members relating to the patent documents cited in this International Search Report. This Authority is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2005-306256 A	04/11/2005	NONE	
US 7649727 B2	19/01/2010	KR 20100081306 A WO 2009/051982 A2 JP 2011503934 A EP 2752992 A1 IL 204715 A CN 102681501 A US 2009/0103228 A1 EP 2201684 A2 CN 101842983 A US 2010/0053838 A1 HK 1198563 A1 IL 224638 A	14/07/2010 23/04/2009 27/01/2011 09/07/2014 30/04/2014 19/09/2012 23/04/2009 30/06/2010 22/09/2010 04/03/2010 15/05/2015 31/10/2013
CN 1992546 A	04/07/2007	NONE	
CN 211786665 U	27/10/2020	NONE	