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(54) Playpen frame

(57) A playpen frame has a post (1), a corner connector (2) disposed on the post (1) to receive two rods (11), and the corner connector (2) has an upper chamber (22). A music disk (3) is inserted in the upper chamber (22). The corner connector (2) further has two lateral

slots (21). The upper chamber (22) has at least a periphery recess (221) and a bottom groove (222). The music disk (3) has an upper button (31) and at least a periphery block (32) inserted in the periphery recess (221). A rib plate (23) is connected to the corner connector (2).

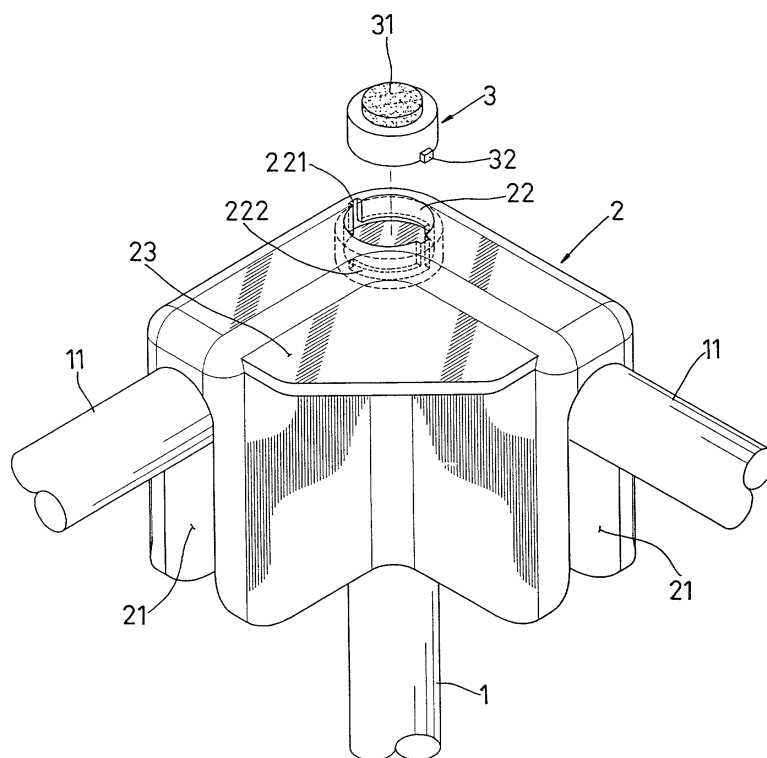


FIG.1

Description

BACKGROUND OF THE INVENTION

[0001] The present invention relates to a playpen frame. More particularly, the present invention relates to a playpen frame which can produce music.

[0002] A conventional playpen has a plurality of railings. However, the conventional playpen cannot produce music nor light.

SUMMARY OF THE INVENTION

[0003] An object of the present invention is to provide a playpen frame which can produce music.

[0004] Another object of the present invention is to provide a playpen frame which can produce light.

BRIEF DESCRIPTION OF THE DRAWINGS

[0005]

FIG. 1 is a perspective view of a playpen frame of a first preferred embodiment in accordance with the present invention;

FIG. 2 is a perspective view of a playpen frame of a second preferred embodiment in accordance with the present invention;

FIG. 3 is a perspective view of a playpen frame of a third preferred embodiment in accordance with the present invention;

FIG. 4 is a perspective view of a playpen frame of a fourth preferred embodiment in accordance with the present invention; and

FIG. 5 is a perspective view of a playpen frame of a fifth preferred embodiment in accordance with the present invention.

DETAILED DESCRIPTION OF THE INVENTION

[0006] Referring to FIG. 1, a first playpen frame comprises a post 1, a corner connector 2 disposed on the post 1 to receive two rods 11, and the corner connector 2 has an upper chamber 22.

[0007] A music disk 3 is inserted in the upper chamber 22.

[0008] The corner connector 2 further has two lateral slots 21.

[0009] The upper chamber 22 has at least a periphery recess 221 and a bottom groove 222.

[0010] The music disk 3 has an upper button 31 and at least a periphery block 32 inserted in the periphery recess 221.

[0011] A rib plate 23 is connected to the corner connector 2.

[0012] Referring to FIG. 2, a second playpen frame comprises a post 1a, a corner connector 2a disposed on the post 1a to receive two rods 11a, and a rib plate

23a connected to the corner connector 2a.

[0013] The rib plate 23a has an upper chamber 22a and a protruded flange 231a.

[0014] A music disk 3a is inserted in the upper chamber 22a.

[0015] The corner connector 2a further has two lateral slots 21a.

[0016] The upper chamber 22a has at least a periphery recess 221a and a bottom groove 222a.

[0017] The music disk 3a has an upper button 31a and at least a periphery block 32a inserted in the periphery recess 221a.

[0018] Referring to FIG. 3, a third playpen frame comprises a post 1b, a corner connector 2b disposed on the post 1b to receive two rods 11b, and the corner connector 2b has an upper chamber 22b.

[0019] A music disk 3b is inserted in the upper chamber 22b.

[0020] The corner connector 2b further has two lateral slots 21b.

[0021] The upper chamber 22b has at least a periphery recess 221b and a bottom groove 222b.

[0022] The music disk 3b has a plurality of lamps 33b, an upper button 31b, and at least a periphery block 32b inserted in the periphery recess 221b.

[0023] A rib plate 23b is connected to the corner connector 2b.

[0024] Referring to FIG. 4, a fourth playpen frame comprises a post 1c, a corner connector 2c disposed on the post 1c to receive two rods 11c, and the corner connector 2c has an upper chamber 22c.

[0025] A music disk 3c is inserted in the upper chamber 22c. The corner connector 2c further has two lateral slots 21c.

[0026] The upper chamber 22c has at least a periphery recess 221c and a bottom groove 222c.

[0027] The music disk 3c has at least a periphery block 32c inserted in the periphery recess 221c.

[0028] A rib plate 23c is connected to the corner connector 2c.

[0029] A toy device 34c is disposed on the music disk 3c.

[0030] Referring to FIG. 5, a fifth playpen frame comprises a post 1d, a corner connector 2d disposed on the post 1d to receive two rods 11d, and a rib plate 23d connected to the corner connector 2d.

[0031] The rib plate 23d has an upper chamber 22d and a protruded flange 231d.

[0032] A music disk 3d is inserted in the upper chamber 22d. The corner connector 2d further has two lateral slots 21d.

[0033] The upper chamber 22d has at least a periphery recess 221d and a bottom groove 222d.

[0034] The music disk 3d has at least a periphery block 32d inserted in the periphery recess 221d.

[0035] A toy device 34d is disposed on the music disk 3d.

Claims

1. A playpen frame comprising two rods and a post,
characterized in that:

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a corner connector is disposed on the post to
receive the rods,
the corner connector has an upper chamber,
and
a music disk is inserted in the upper chamber.

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2. The playpen frame as claimed in claim 1, wherein
a rib plate is connected to the corner connector.

3. The playpen frame as claimed in claim 1, wherein 15
the corner connector further has two lateral slots.

4. The playpen frame as claimed in claim 1, wherein
the upper chamber has at least a periphery recess
and a bottom groove, and the music disk has at 20
least a periphery block inserted in the periphery re-
cess.

5. The playpen frame as claimed in claim 1, wherein
a toy device is disposed on the music disk. 25

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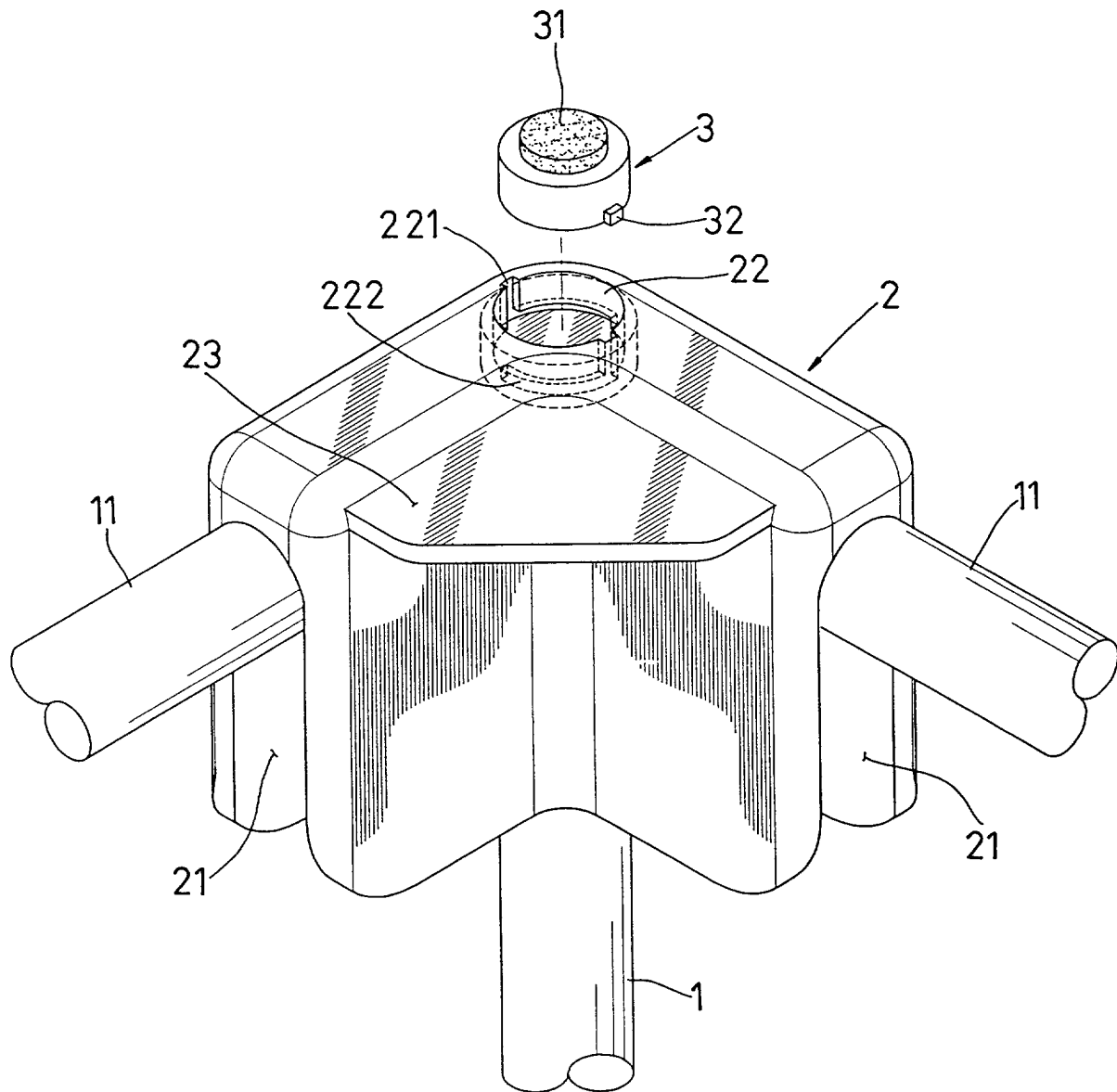


FIG.1

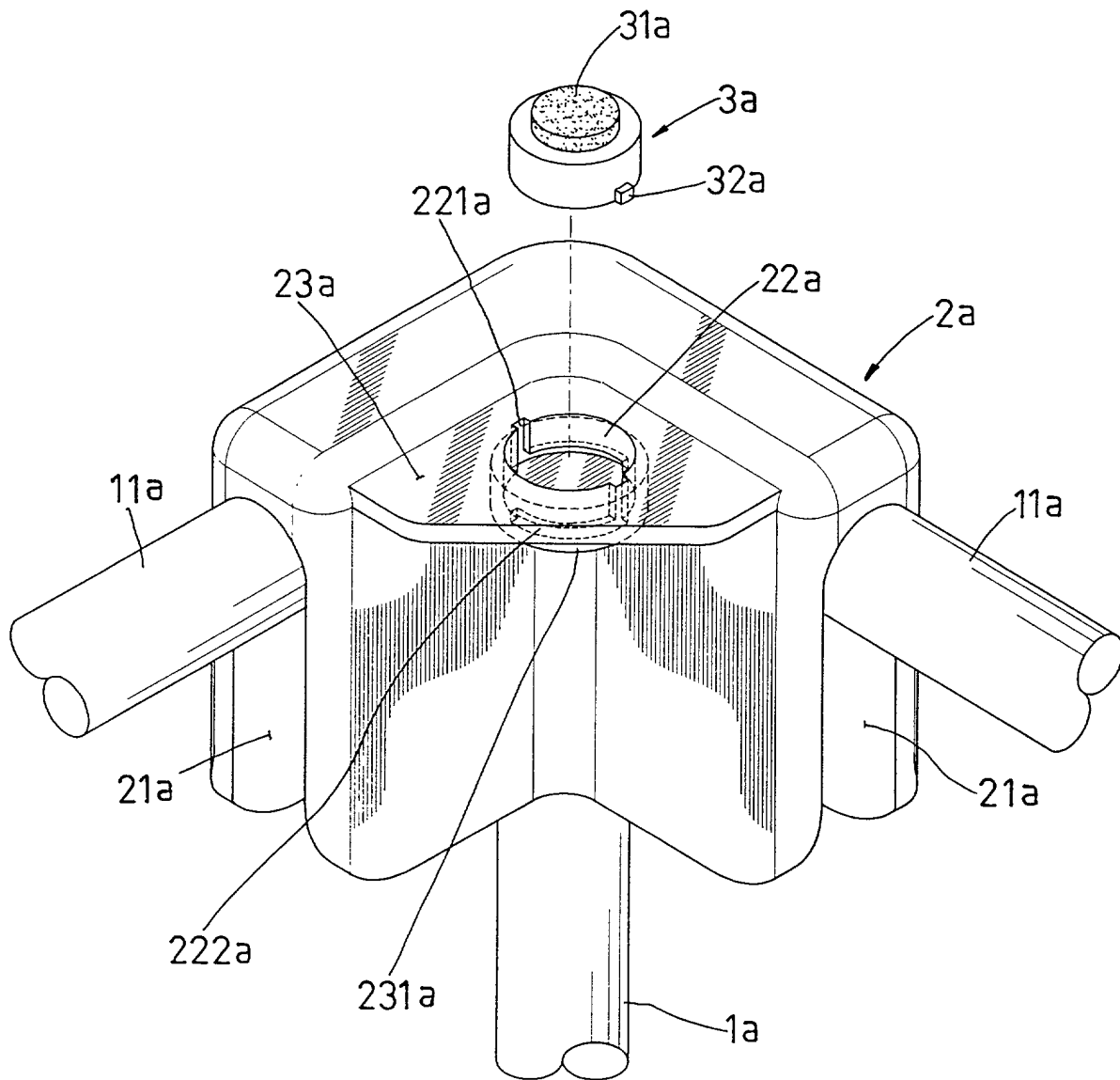


FIG.2

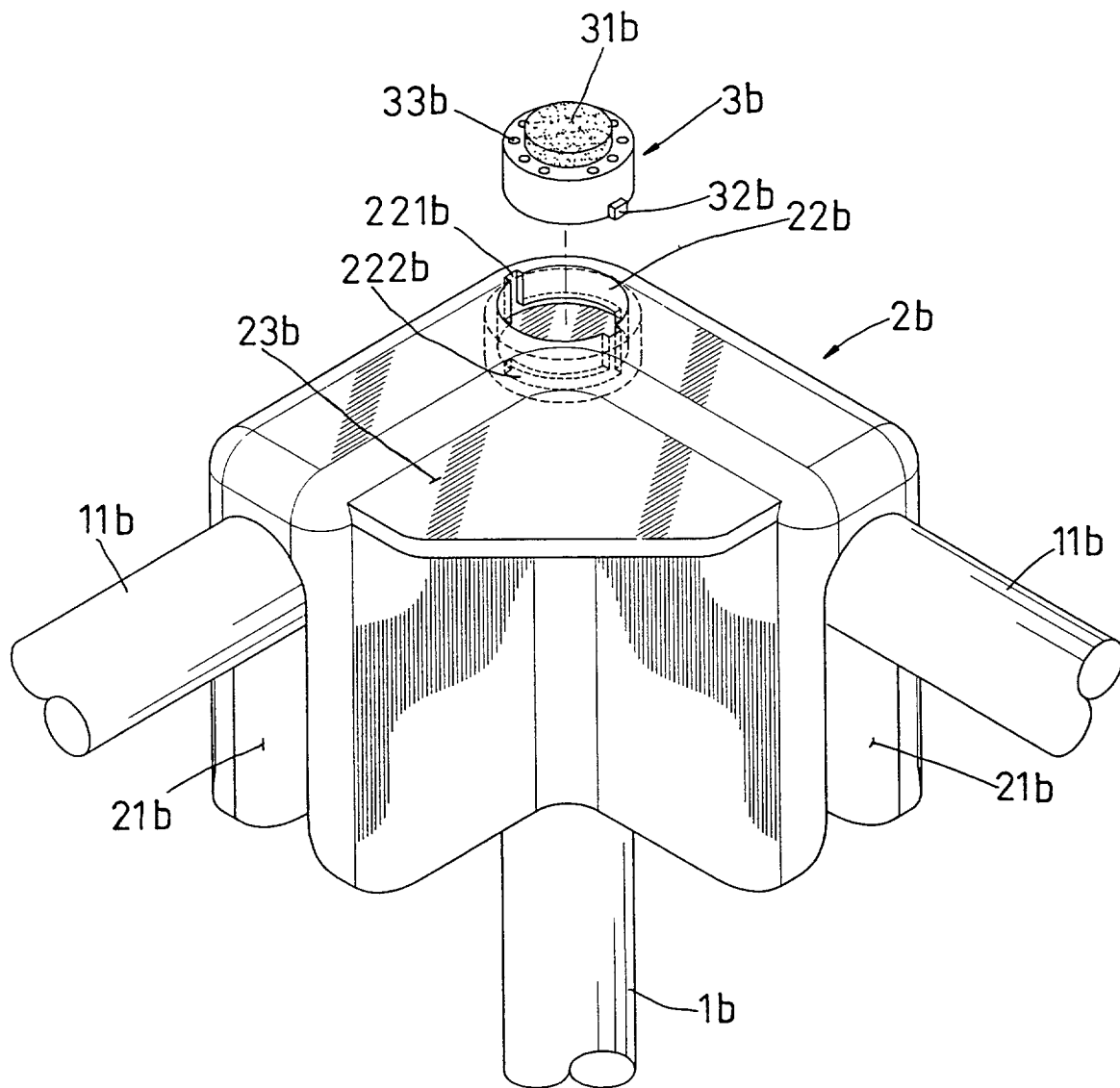
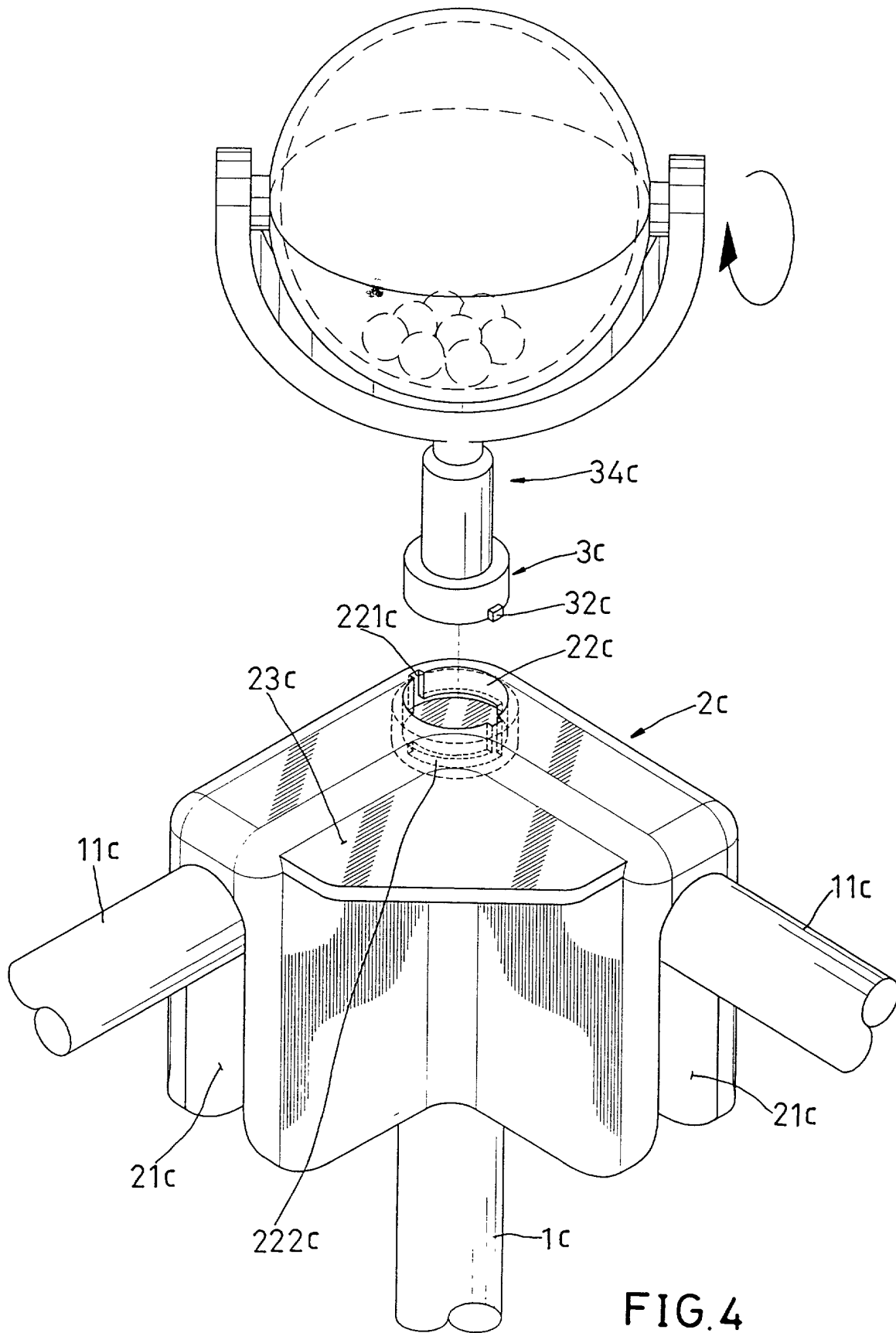


FIG. 3



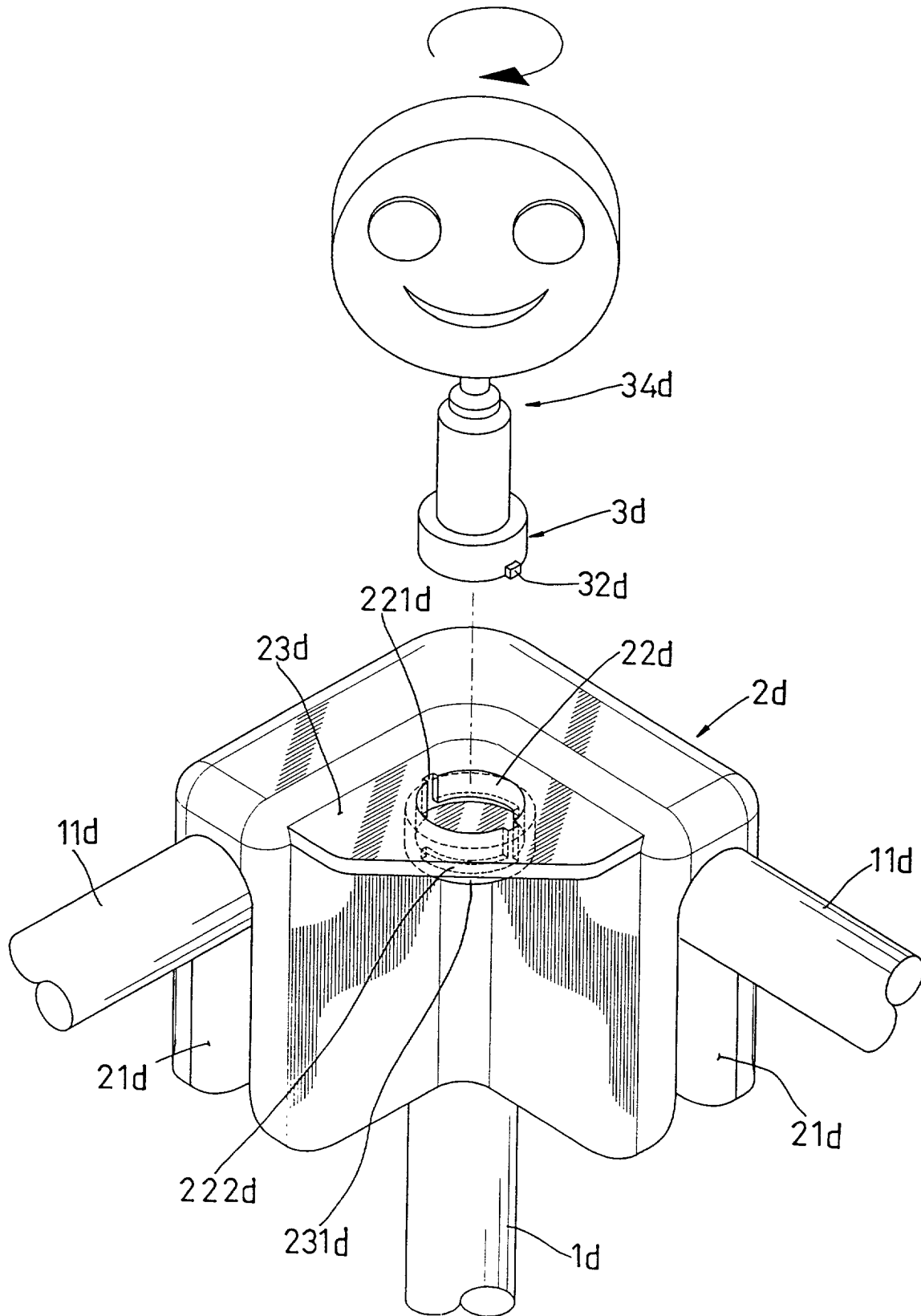


FIG. 5



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 30 1220

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A47D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12 July 2001	Examiner VandeVondele, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 01 30 1220

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82