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(54) **A cooking appliance including a plinth and a drawer**

Kochanwendung mit einem Sockel und einer Schublade

Appareil de cuisson comportant une plinthe et un tiroir

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Description

[0001] The present invention relates to a cooking appliance including a plinth and a drawer according to the preamble of claim 1. Further, the present invention relates to a system for said cooking appliance according to the preamble of claim 9.

[0002] A usual cooking appliance includes a plinth and a drawer. The plinth forms the basement of the cooking appliance. A corpus of the cooking appliance is arranged above the plinth in a predetermined position. The drawer is arranged in a lower portion of the corpus and arranged above the plinth. A cooking hob is often arranged on the top of the corpus. An oven cavity is typically arranged in a central portion of the corpus, i.e. between the cooking hob and the drawer.

[0003] However, the position of the corpus relative to the plinth is defined, so that the user cannot change said position. Further, the drawer requires two different drawer rails for the left hand side and right hand side, which increase the complexity of the cooking appliance.

[0004] US 3,402,281 discloses a freestanding domestic cooking range. The cooking range includes a corpus and a plinth, wherein the corpus is arranged above the plinth. A drawer is arranged in a lower portion of the corpus and above the plinth. Side liners of the corpus are formed with bottom flanges contacting the plinth. The bottom flanges are formed with a plurality of openings aligned with complementary openings formed in a top section of the plinth. The cooking range includes a pair of elongated drawer rails for moving the drawer into and out of the corpus. Also in this case, the position of the corpus relative to the plinth is defined, that the user cannot change said position. It is an object of the present invention to provide a cooking appliance, wherein the position of the plinth in view of the corpus can be changed by the user and the complexity is reduced.

[0005] The object of the present invention is achieved by the cooking appliance according to claim 1.

[0006] According to the present invention the plinth is selectively connected or connectable to the corpus either at a predetermined front position in view of the corpus or at a predetermined back position in view of the corpus, each of the drawer rails is symmetric in respect of an axis and/or plane perpendicular to the longitudinal axis of said drawer rail, and the drawer rails are connected or connectable to a front wall of the plinth in the front position in view of the corpus and to a rear wall of the plinth in the back position in view of the corpus.

[0007] The main idea of the present invention is that the plinth is connectable to the corpus at two different predetermined positions on the one hand and the symmetric drawer rails on the one hand. The user can select and easily change the position of the plinth at the corpus, wherein the symmetric drawer rails allows a simple structure of the components by low complexity.

[0008] Preferably, the drawer rails are connected or connectable to the plinth by screws. Screws are easy to

handle by the user.

[0009] Further, the drawer rails are connected or connectable to a front wall of the plinth in the front position and to a rear wall of the plinth in the back position, so that the position of drawer rails can be adapted to the position of the corpus.

[0010] In particular, the drawer rails of the pair of drawer rails are identical to each other.

[0011] Moreover, the corpus may comprise set of screw holes for connecting the plinth at the front position in view of the corpus and another set of screw holes for connecting the plinth (14) at the back position in view of the corpus.

[0012] Preferably, the drawer rail comprises a fixation flange in each end portion, wherein the fixation flange in the front end portion is provided for fixing a front wheel and the identical fixation flange in the rear end portion is provided as a wheel stop for a rear wheel mounted at the rear portion of the drawer.

[0013] Further, the drawer rail may comprise two clamp fixations corresponding to one fixation flange in each case.

[0014] Moreover, the drawer rail may comprise an entry flange at each portion.

[0015] For example, the entry flange is a prolongation of a vertical part of the drawer rail, wherein the entry flanges are inclined outwardly.

[0016] The object of the present invention is further achieved by the system for the cooking appliance mentioned above according to claim 9.

[0017] According to the present invention the drawer rail is symmetric in respect of an axis and/or plane perpendicular to the longitudinal axis of said drawer rail.

[0018] Preferably, the drawer rail comprises a fixation flange in each end portion, wherein the fixation flange in the front end portion is provided for fixing a front wheel and the identical fixation flange in the rear end portion is provided as a wheel stop for a rear wheel mounted at the rear portion of the drawer.

[0019] Further, the drawer rail may comprise two clamp fixations corresponding to one fixation flange in each case.

[0020] In particular, the drawer rail may comprise an entry flange at each portion.

[0021] For example, the entry flange is a prolongation of a vertical part of the drawer rail, wherein the entry flanges are inclined outwardly.

[0022] Novel and inventive features of the present invention are set forth in the appended claims.

[0023] The present invention will be described in further detail with reference to the drawings, in which

FIG 1 illustrates a perspective view of a cooking appliance with a plinth in a front position according to a preferred embodiment of the present invention,

FIG 2 illustrates a perspective view of the cooking

- appliance with the plinth in a back position according to the preferred embodiment of the present invention,
- FIG 3 illustrates a perspective view of the plinth according to the preferred embodiment of the present invention,
- FIG 4 illustrates a perspective view at a lower portion of a corpus of the cooking appliance according to the preferred embodiment of the present invention,
- FIG 5 illustrates a perspective view of the plinth with drawer rails installed for the front position according to the preferred embodiment of the present invention,
- FIG 6 illustrates a perspective front view of the plinth with a drawer for the front position according to the preferred embodiment of the present invention,
- FIG 7 illustrates a perspective front view of the plinth with drawer rails installed for the back position according to the preferred embodiment of the present invention,
- FIG 8 illustrates a perspective rear view of the plinth with drawer rails installed for the back position according to the preferred embodiment of the present invention,
- FIG 9 illustrates a perspective rear view of the plinth with the drawer for the front position according to the preferred embodiment of the present invention,
- FIG 10 illustrates a perspective view at an inner side of the drawer rail according to the preferred embodiment of the present invention,
- FIG 11 illustrates a perspective view at an outer side of a portion of the drawer rail according to the preferred embodiment of the present invention,
- FIG 12 illustrates a front view of two symmetric drawer rails according to the preferred embodiment of the present invention, and
- FIG 13 illustrates a left view of the two symmetric drawer rails according to the preferred embodiment of the present invention.

[0024] FIG 1 illustrates a perspective view of a cooking appliance 10 with a plinth 14 in a front position according to a preferred embodiment of the present invention. The

cooking appliance 10 is a freestanding cooking appliance.

[0025] The cooking appliance 10 includes a corpus 12, a plinth 14 and a drawer 16. Further, the cooking appliance 10 includes a cooking hob 22 and an oven cavity 24. The plinth 14 forms the basement of the cooking appliance 10. The corpus 12 is arranged above the plinth 14. The drawer 16 is arranged in a lower portion of the corpus 12. The drawer 16 is arranged directly above the plinth 12. The cooking hob 22 is arranged on the top of the corpus 12. The oven cavity 24 is arranged in a central portion of the corpus 12, i.e. between the cooking hob 22 and the drawer 16.

[0026] In the delivery condition of the cooking appliance 10 the plinth 12 has a predetermined front position. In this example, a front edge of the plinth 14 in the first position is about 24 mm behind a front edge of the corpus 12. The cooking appliance can be reconstructed by the user, so that the plinth 14 is a back position by the user.

[0027] FIG 2 illustrates a perspective view of the cooking appliance 10 with the plinth 12 in a back position according to the preferred embodiment of the present invention. In this example, a front edge of the plinth 14 in the back position is about 94 mm behind a front edge of the corpus 12. The back position of the plinth 14 allows the use of a wooden plinth bar without cutting or sewing it, for example.

[0028] The plinth 14 comprises two lateral flanges 18 for connecting said plinth 14 to the corpus 12. Further, the cooking appliance 10 comprises two lateral drawer rails 20, on which the drawer 16 is moveable. The drawer rails 20 are fixed on the plinth 12.

[0029] FIG 3 illustrates a perspective view of the plinth 14 according to the preferred embodiment of the present invention. The plinth 14 comprises a front wall, two side walls and a rear wall.

[0030] The flange 18 forms the top part of each side wall of the plinth 14. Two screws 26 are inserted in corresponding screw holes of each flange 18. The four screws 26 are provided for fixing the plinth 14 at the corpus 12.

[0031] The front wall and the rear wall of the plinth 14 comprise two cut-outs 28 in each case. Said cut-outs 28 are formed in vertical flanges of the front wall and rear wall, respectively. The cut-outs 28 are provided for fastening the drawer rails 20.

[0032] Further, each side wall of the plinth 14 comprises a hook 30. The hooks 30 are arranged on horizontal portions of said side walls. The hooks 30 are further arranged beside and outside of the flanges 18. The hooks 30 correspond with slots 32 and 34 at the bottom of the corpus 12.

[0033] FIG 4 illustrates a perspective view at a lower portion of the corpus 12 of the cooking appliance 10 according to the preferred embodiment of the present invention. The corpus 12 includes two side panels 36.

[0034] The slots 32 and 34 are arranged in horizontal portions of the side panels 36. The one pair of slots 32

is provided for the front position of the plinth 14. The other pair of slots 34 is provided for the back position of the plinth 14.

[0035] The side panels 36 comprise screw holes 38 and 40. Said screw holes 38 and 40 correspond with the screws 26 of the plinth 14. Four screw holes 38 are provided for the front position of the plinth 14. Four other screw holes 40 are provided for the back position of the plinth 14. The screw holes 38 and 40 are arranged in inner vertical flanges at the bottom of the side panels 36.

[0036] FIG 5 illustrates a perspective view of the plinth 14 with a pair of drawer rails 20 installed for the front position according to the preferred embodiment of the present invention.

[0037] The drawer rails 20 are arranged above the cut-outs 28 and substantially above the side walls of the plinth 14. The drawer rails 20 are arranged between the two flanges 18. The drawer rails 20 are arranged in parallel to the flanges 18. The drawer rails 20 are fixed by four screws 42 at the front wall of the plinth 14. The drawer rails 20 protrude behind the rear wall of the plinth 14. Each drawer rail 20 comprises a front wheel 44 in its front portion.

[0038] FIG 6 illustrates a perspective front view of the plinth 14 with the drawer 16 for the front position according to the preferred embodiment of the present invention. In FIG 6 the drawer 16 is set on the plinth 14 according to FIG 5.

[0039] FIG 7 illustrates a perspective front view of the plinth 14 with drawer rails 20 installed for the back position according to the preferred embodiment of the present invention.

[0040] The drawer rails 20 are arranged above the cut-outs 28 and substantially above the side walls of the plinth 14. The drawer rails 20 are arranged between the two flanges 18. The drawer rails 20 are arranged in parallel to the flanges 18. The drawer rails 20 are fixed by four screws 42 at the rear wall of the plinth 14 in the same way as in FIG 5, in which the drawer rails 20 are fixed by the four screws 42 at the front wall of the plinth 14. The drawer rails 20 protrude in front of the front wall of the plinth 14. Each drawer rail 20 comprises a front wheel 44 in its front portion.

[0041] FIG 8 illustrates a perspective rear view of the plinth 14 with drawer rails 20 installed for the back position according to the preferred embodiment of the present invention. FIG 8 clarifies that the drawer rails 20 are fixed by four screws 42 at the rear wall of the plinth 14 in the same way as in FIG 5. For the front position the four screws 42 fixed at the front wall of the plinth 14, while the four screws 42 for the back position are fixed at the rear wall of the plinth 14.

[0042] FIG 9 illustrates a perspective rear view of the plinth 14 with the drawer 16 for the front position according to the preferred embodiment of the present invention. FIG 9 shows that the drawer 16 comprises a pair of rear wheels 46. The rear wheels 46 are provided for rolling on the drawer rail 20. While the rear wheels 46 are fas-

tened at the rear portion of the drawer 16, the front wheels 44 are fastened at the front portion of the drawer rail 20.

[0043] FIG 10 illustrates a perspective view at an inner side of the drawer rail 20 according to the preferred embodiment of the present invention.

[0044] The drawer rail 20 comprises a fixation flange 48 in each end portion. The fixation flange 48 has two different functions. The front wheel 44 is fixable at the fixation flange 48 by using an axle 50. Further, the fixation flange 48 acts as a wheel stop for the rear wheels 46. The front portion and the rear portion of the drawer wheel 20 are symmetric. Thus, the same drawer wheel 20 can be used for the left hand side and right hand side.

[0045] In FIG 10 the front wheel 44 is fixed at the fixation flange 48 at the right hand side, while the other fixation flange 48 at the left hand side acts as the wheel stop for the rear wheel 46 at the drawer 16. Thus, the drawer rail 20 in FIG 10 is provided for the right side of the cooking appliance 10. The same drawer rail 20 can be used for the left side of the cooking appliance 10, when the front wheel 44 is removed from the fixation flange 48 on the right hand side and fixed at the fixation flange 48 on the left hand side. Thus, a set of two identical drawer rails 20 can be used as a pair of drawer rail 20 for the left hand side and right hand side.

[0046] Further, an entry flange 60 is arranged at both end portions of the drawer rail 20. The entry flanges 60 are prolongations of a vertical part of the drawer rail 20. The entry flanges 60 are inclined outwardly. The insertion of the drawer into the drawer rail 20 is simplified by the entry flanges 60.

[0047] FIG 11 illustrates a perspective view at an outer side of a portion of the drawer rail 20 according to the preferred embodiment of the present invention. An axle screw 58 is provided for fixing the axle 50. The axle screw 58 is inserted from the outer side of the drawer rail 20, while the axle is inserted from the inner side of the drawer rail 20.

[0048] FIG 12 illustrates a front view of two symmetric drawer rails 20 according to the preferred embodiment of the present invention. FIG 13 illustrates a left view of said two symmetric drawer rails 20 according to the preferred embodiment of the present invention.

[0049] A symmetry axis 52 characterizes the symmetry between the both drawer rails 20 in FIG 12. A symmetry axis 54 characterizes the symmetry between the front portion and rear portion of each drawer rail 20 in FIG 12.

[0050] Further, the drawer rail 20 comprises two clamp fixations 56. Each clamp fixation 56 corresponds with one of the fixation flanges 48. The clamp fixation 56 retains the rear wheel 46 of the drawer 16, when the corresponding fixation flange 48 acts as wheel stop. The entry flange 60 is arranged at both end portions of the drawer rail 20. The entry flanges 60 are inclined outwardly.

[0051] The change of the position of the plinth 14 can be performed by the user. In the delivery condition of the cooking appliance 10 the plinth 12 has the front position

shown in FIG 1. Sometimes, the user wants to have the back position shown in FIG 2. In order to change the position, the user has to remove the drawer 16 out of the drawer rails 20. Then, the screws 42 have to be disconnected from the front wall of the plinth 14, and the drawer rail 20 can be removed. Next, the screws 26 connecting the corpus 12 to the plinth 14 are removed, so that the corpus 12 and the plinth 14 can be disjoint. Then, the plinth 14 is placed at the corpus 12 in the back position. As next, the screws 26 connecting the corpus 12 to the plinth 14 are reinserted again. Then, the drawer rails 20 are inserted, and the screws 42 are screwed into the front wall of the plinth 14. At last, the drawer is reinserted again.

[0052] Although an illustrative embodiment of the present invention has been described herein with reference to the accompanying drawings, it is to be understood that the present invention is not limited to that precise embodiment, and that various other changes and modifications may be affected within the scope of the invention as defined by the appended claims.

List of reference numerals

[0053]

10	cooking appliance
12	corpus
14	plinth
16	drawer
18	flange
20	drawer rail
22	cooking hob
24	oven cavity
26	screw
28	cut-out
30	hook
32	slot
34	slot
36	side panel
38	screw holes
40	screw holes
42	screw
44	front wheel
46	rear wheel
48	fixation flange
50	axle
52	symmetry axis
54	symmetry axis
56	clamp fixation
58	axle screw
60	entry flange

Claims

1. A cooking appliance (10) including a plinth (14) and a drawer (16), wherein:

- the cooking appliance (10) includes a corpus (12) arranged or arrangeable above the plinth (14),
- the drawer (16) is arranged or arrangeable in a lower portion of the corpus (12) and above the plinth (14),
- the plinth (14) is connected or connectable to the corpus (12) by a set of screws (26) and a corresponding set of screw holes (38, 40), and
- the cooking appliance (10) includes a pair of elongated drawer rails (20) for moving the drawer (16) into and out of the corpus (12),

characterized in, that

the plinth (14) is selectively connected or connectable to the corpus (12) either at a predetermined front position in view of the corpus or at a predetermined back position in view of the corpus, each of the drawer rails (20) is symmetric in respect of an axis and/or plane perpendicular to the longitudinal axis of said drawer rail (20), and the drawer rails (20) are connected or connectable to a front wall of the plinth (14) in the front position in view of the corpus and to a rear wall of the plinth (14) in the back position in view of the corpus.

2. The cooking appliance according to claim 1, **characterized in, that** the drawer rails (20) are connected or connectable to the plinth (14) by screws (42).
3. The cooking appliance according to claim 1 or 2, **characterized in, that** the drawer rails (20) of the pair of drawer rails (20) are identical to each other.
4. The cooking appliance according to any one of the preceding claims, **characterized in, that** the corpus (12) comprises set of screw holes (38) for connecting the plinth (14) at the front position in view of the corpus and another set of screw holes (40) for connecting the plinth (14) at the back position in view of the corpus.
5. The cooking appliance according to any one of the preceding claims, **characterized in, that** the drawer rail (20) comprises a fixation flange (48) in each end portion, wherein the fixation flange (48) in the front end portion is provided for fixing a front wheel (44) and the identical fixation flange (48) in the rear end portion is provided as a wheel stop for a rear wheel (46) mounted at the rear portion of the drawer (16).
6. The cooking appliance according to claim 5, **characterized in, that**

the drawer rail (20) comprises two clamp fixations (56) corresponding to one fixation flange (48) in each case.

7. The cooking appliance according to any one of the preceding claims,
characterized in, that
the drawer rail (20) comprises an entry flange at each portion.
8. The cooking appliance according to claim 7,
characterized in, that
the entry flanges (60) are prolongation of a vertical part of the drawer rail (20), wherein the entry flanges (60) are inclined outwardly.
9. A system (12, 14, 16, 20) for a cooking appliance (10) according to any one of the preceding claims, wherein said system includes a corpus (12), a plinth (14) and a drawer (16), wherein the corpus (12) is arranged or arrangeable above the plinth (14), and wherein the drawer is arranged or arrangeable in a lower portion of the corpus (12) and above the plinth (14), and wherein the plinth (14) is connected or connectable to the corpus (12) by a set of screws (26) and a corresponding set of screw holes (38, 40), and wherein the system comprises a pair of elongated drawer rails (20) for moving the drawer (16) into and out of the corpus (12),
characterized in, that
the plinth (14) is selectively connected or connectable to the corpus (12) either at a predetermined front position in view of the corpus or at a predetermined back position in view of the corpus, wherein each of the drawer rails (20) is symmetric in respect of an axis and/or plane perpendicular to the longitudinal axis of said drawer rail (20), and wherein the drawer rails (20) are connected or connectable to a front wall of the plinth (14) in the front position in view of the corpus and to a rear wall of the plinth (14) in the back position in view of the corpus.
10. The system according to claim 9,
characterized in, that
the drawer rail (20) comprises a fixation flange (48) in each end portion, wherein the fixation flange (48) in the front end portion is provided for fixing a front wheel (44) and the identical fixation flange (48) in the rear end portion is provided as a wheel stop for a rear wheel (46) mounted at the rear portion of the drawer (16).
11. The system according to claim 9 or 10,
characterized in, that
the drawer rail (20) comprises two clamp fixations (56) corresponding to one fixation flange (48) in each case.

12. The system according to any one of the claims 9 to 11,
characterized in, that
the drawer rail (20) comprises an entry flange at each portion.

13. The system according to claim 12,
characterized in, that
the entry flanges (60) are prolongation of a vertical part of the drawer rail (20), wherein the entry flanges (60) are inclined outwardly.

Patentansprüche

1. Kochanwendung (10) mit einem Sockel (14) und einer Schublade (16), wobei:
 - die Kochanwendung (10) einen Körper (12) einschließt, der über dem Sockel (14) angeordnet oder anordenbar ist,
 - die Schublade (16) in einem unteren Abschnitt des Körpers (12) und über dem Sockel (14) angeordnet oder anordenbar ist,
 - der Sockel (14) mittels eines Satzes von Schrauben (26) und eines entsprechenden Satzes von Schraubenlöchern (38, 40) mit dem Körper (12) verbunden oder verbindbar ist, und
 - die Kochanwendung (10) ein Paar längliche Schubladenschienen (20) einschließt, um die Schublade (16) in den Körper (12) hinein und aus diesem heraus zu bewegen,

dadurch gekennzeichnet, dass

der Sockel (14) mit dem Körper entweder an der vorbestimmten vorderen Position in Hinsicht auf den Körper (12) oder an einer vorbestimmten Rückseitenposition in Hinsicht auf den Körper selektiv verbunden oder verbindbar ist, wobei jede der Schubladenschienen (20) in Bezug auf eine Achse und/oder Ebene, die senkrecht zu der Längsachse der Schubladenschiene (20) verläuft, symmetrisch ist, und wobei die Schubladenschienen (20) mit einer Vorderwand des Sockels (14) in der vorderen Position in Hinsicht auf den Körper und an einer hinteren Wand des Sockels (14) in der Rückseitenposition in Hinsicht auf den Körper verbunden oder verbindbar sind.

2. Kochanwendung nach Anspruch 1,
dadurch gekennzeichnet, dass
die Schubladenschienen (20) mit Schrauben (42) mit dem Sockel (14) verbunden oder verbindbar sind.
3. Kochanwendung nach Anspruch 1 oder 2,
dadurch gekennzeichnet, dass
die Schubladenschienen (20) des Paares von Schubladenschienen (20) miteinander identisch sind.

4. Kochanwendung nach einem der vorhergehenden Ansprüche,
dadurch gekennzeichnet, dass
 der Körper (12) einen Satz von Schraubenlöchern (38) zum Verbinden des Sockels (14) an der vorderen Position in Hinsicht auf den Körper umfasst und einen weiteren Satz von Schraubenlöchern (40) zum Verbinden des Sockels (14) an der Rückseitenposition in Hinsicht auf den Körper umfasst.
5. Kochanwendung nach einem der vorhergehenden Ansprüche,
dadurch gekennzeichnet, dass
 die Schubladenschiene (20) einen Befestigungsflansch (48) in jedem Endabschnitt umfasst, wobei der Befestigungsflansch (48) in dem vorderen Endabschnitt zum Befestigen eines vorderen Rades (44) bereitgestellt wird und der identische Befestigungsflansch (48) in dem hinteren Endabschnitt als Radanschlag für ein hinteres Rad (46) bereitgestellt wird, das an dem hinteren Abschnitt der Schublade (16) angebracht ist.
6. Kochanwendung nach Anspruch 5,
dadurch gekennzeichnet, dass
 die Schubladenschiene (20) zwei Klemmbefestigungen (56) umfasst, die in jedem Fall einem Befestigungsflansch (48) entsprechen.
7. Kochanwendung nach einem der vorhergehenden Ansprüche,
dadurch gekennzeichnet, dass
 die Schubladenschiene (20) einen Eintrittsflansch an jedem Abschnitt umfasst.
8. Kochanwendung nach Anspruch 7,
dadurch gekennzeichnet, dass
 die Eintrittsflansche (60) Verlängerungen eines vertikalen Teils der Schubladenschiene (20) sind, wobei die Eintrittsflansche (60) auswärts geneigt sind.
9. System (12, 14, 16, 20) für eine Kochanwendung (10) nach einem der vorhergehenden Ansprüche, wobei das System einen Körper (12), einen Sockel (14) und eine Schublade (16) einschließt, wobei der Körper (12) über dem Sockel (14) angeordnet ist oder anordenbar ist, und wobei die Schublade in einem unteren Abschnitt des Körpers (12) und über dem Sockel (14) angeordnet oder anordenbar ist, und wobei der Sockel (14) über einen Satz von Schrauben (26) und einen entsprechenden Satz von Schraubenlöchern (38, 40) mit dem Körper (12) verbunden ist oder verbindbar ist, und wobei das System ein Paar länglicher Schubladenschienen (20) aufweist, um die Schublade (16) in den Körper (12) hinein und aus diesem heraus zu bewegen,
dadurch gekennzeichnet, dass
 der Sockel (14) mit dem Körper (12) entweder an

der vorbestimmten vorderen Position in Hinsicht auf den Körper oder an einer vorbestimmten Rückseitenposition in Hinsicht auf den Körper selektiv verbunden oder verbindbar ist, wobei jede der Schubladenschienen (20) in Bezug auf eine Achse und/oder Ebene, die senkrecht zu der Längsachse der Schubladenschiene (20) verläuft, symmetrisch ist, und wobei die Schubladenschienen (20) mit einer Vorderwand des Sockels (14) in der vorderen Position in Hinsicht auf den Körper und an einer hinteren Wand des Sockels (14) in der Rückseitenposition in Hinsicht auf den Körper verbunden oder verbindbar sind.

10. System nach Anspruch 9,
dadurch gekennzeichnet, dass
 die Schubladenschiene (20) einen Befestigungsflansch (48) in jedem Endabschnitt umfasst, wobei der Befestigungsflansch (48) in dem vorderen Endabschnitt zum Befestigen eines vorderen Rades (44) bereitgestellt wird und der identische Befestigungsflansch (48) in dem hinteren Endabschnitt als Radanschlag für ein hinteres Rad (46) bereitgestellt wird, das an dem hinteren Abschnitt der Schublade (16) angebracht ist.
11. System nach Anspruch 9 oder 10,
dadurch gekennzeichnet, dass
 die Schubladenschiene (20) zwei Klemmbefestigungen (56) umfasst, die in jedem Fall einem Befestigungsflansch (48) entsprechen.
12. System nach einem der Ansprüche 9 bis 11,
dadurch gekennzeichnet, dass
 die Schubladenschiene (20) an jedem Abschnitt einen Eintrittsflansch umfasst.
13. System nach Anspruch 12,
dadurch gekennzeichnet, dass
 die Eintrittsflansche (60) Verlängerungen eines vertikalen Teils der Schubladenschiene (20) sind, wobei die Eintrittsflansche (60) auswärts geneigt sind.

Revendications

1. Appareil de cuisson (10) comprenant une plinthe (14) et un tiroir (16), dans lequel:
- l'appareil de cuisson (10) comprend un corps (12) agencé ou pouvant être agencé au-dessus de la plinthe (14),
 - le tiroir (16) est agencé ou peut être agencé dans une partie inférieure du corps (12) et au-dessus de la plinthe (14),
 - la plinthe (14) est connectée ou connectable au corps (12) à l'aide d'un ensemble de vis (26) et d'un ensemble correspondant de trous de vis

(38, 40), et

- l'appareil de cuisson (10) comprend une paire de rails de tiroir allongés (20) pour déplacer le tiroir (16) dans le et hors du corps (12),

caractérisé en ce que la plinthe (14) est connectée ou connectable de façon sélective au corps (12) soit à une position avant prédéterminée par rapport au corps, soit à une position arrière prédéterminée par rapport au corps, chacun des rails de tiroir (20) est symétrique par rapport à un axe et/ou un plan perpendiculaire à l'axe longitudinal dudit rail de tiroir (20), et les rails de tiroir (20) sont connectés ou connectables à une paroi avant de la plinthe (14) dans la position avant par rapport au corps et à une paroi arrière de la plinthe (14) dans la position arrière par rapport au corps.

2. Appareil de cuisson selon la revendication 1, **caractérisé en ce que** les rails de tiroir (20) sont connectés ou connectables à la plinthe (14) à l'aide de vis (42).
3. Appareil de cuisson selon la revendication 1 ou 2, **caractérisé en ce que** les rails de tiroir (20) de la paire de rails de tiroir (20) sont identiques l'un à l'autre.
4. Appareil de cuisson selon l'une quelconque des revendications précédentes, **caractérisé en ce que** le corps (12) comprend un ensemble de trous de vis (38) pour connecter la plinthe (14) à la position avant par rapport au corps et un autre ensemble de trous de vis (40) pour connecter la plinthe (14) à la position arrière par rapport au corps.
5. Appareil de cuisson selon l'une quelconque des revendications précédentes, **caractérisé en ce que** le rail de tiroir (20) comprend une bride de fixation (48) dans chaque partie d'extrémité, dans lequel la bride de fixation (48) dans la partie d'extrémité avant est prévue pour fixer une roue avant (44) et la bride de fixation identique (48) dans la partie d'extrémité arrière est prévue comme un arrêt de roue pour une roue arrière (46) montée à la partie arrière du tiroir (16).
6. Appareil de cuisson selon la revendication 5, **caractérisé en ce que** le rail de tiroir (20) comprend deux fixations de serrage (56) correspondant à une bride de fixation (48) dans chaque cas.
7. Appareil de cuisson selon l'une quelconque des revendications précédentes, **caractérisé en ce que** le rail de tiroir (20) comprend une aile d'entrée à chaque partie.
8. Appareil de cuisson selon la revendication 7, **caractérisé en ce que** les ailes d'entrée (60) sont une

prolongation d'une partie verticale du rail de tiroir (20), dans lequel les ailes d'entrée (60) sont inclinées vers l'extérieur.

9. Système (12, 14, 16, 20) pour un appareil de cuisson (10) selon l'une quelconque des revendications précédentes, dans lequel ledit système comprend un corps (12), une plinthe (14) et un tiroir (16), dans lequel le corps (12) est agencé ou peut être agencé au-dessus de la plinthe (14), et dans lequel le tiroir est agencé ou peut être agencé dans une partie inférieure du corps (12) et au-dessus de la plinthe (14), et dans lequel la plinthe (14) est connectée ou connectable au corps (12) à l'aide d'un ensemble de vis (26) et d'un ensemble correspondant de trous de vis (38, 40), et dans lequel le système comprend une paire de rails de tiroir allongés (20) pour déplacer le tiroir (16) dans le et hors du corps (12), **caractérisé en ce que** la plinthe (14) est connectée ou connectable de façon sélective au corps (12) soit à une position avant prédéterminée par rapport au corps, soit à une position arrière prédéterminée par rapport au corps, dans lequel chacun des rails de tiroir (20) est symétrique par rapport à un axe et/ou un plan perpendiculaire à l'axe longitudinal dudit rail de tiroir (20), et dans lequel les rails de tiroir (20) sont connectés ou connectables à une paroi avant de la plinthe (14) dans la position avant par rapport au corps et à une paroi arrière de la plinthe (14) dans la position arrière par rapport au corps.
10. Système selon la revendication 9, **caractérisé en ce que** le rail de tiroir (20) comprend une bride de fixation (48) dans chaque partie d'extrémité, dans lequel la bride de fixation (48) dans la partie d'extrémité avant est prévue pour fixer une roue avant (44) et la bride de fixation identique (48) dans la partie d'extrémité arrière est prévue comme un arrêt de roue pour une roue arrière (46) montée à la partie arrière du tiroir (16).
11. Système selon la revendication 9 ou 10, **caractérisé en ce que** le rail de tiroir (20) comprend deux fixations de serrage (56) correspondant à une bride de fixation (48) dans chaque cas.
12. Système selon l'une quelconque des revendications 9 à 11, **caractérisé en ce que** le rail de tiroir (20) comprend une aile d'entrée à chaque partie.
13. Système selon la revendication 12, **caractérisé en ce que** les ailes d'entrée (60) sont une prolongation d'une partie verticale du rail de tiroir (20), dans lequel les ailes d'entrée (60) sont inclinées vers l'extérieur.

FIG 1

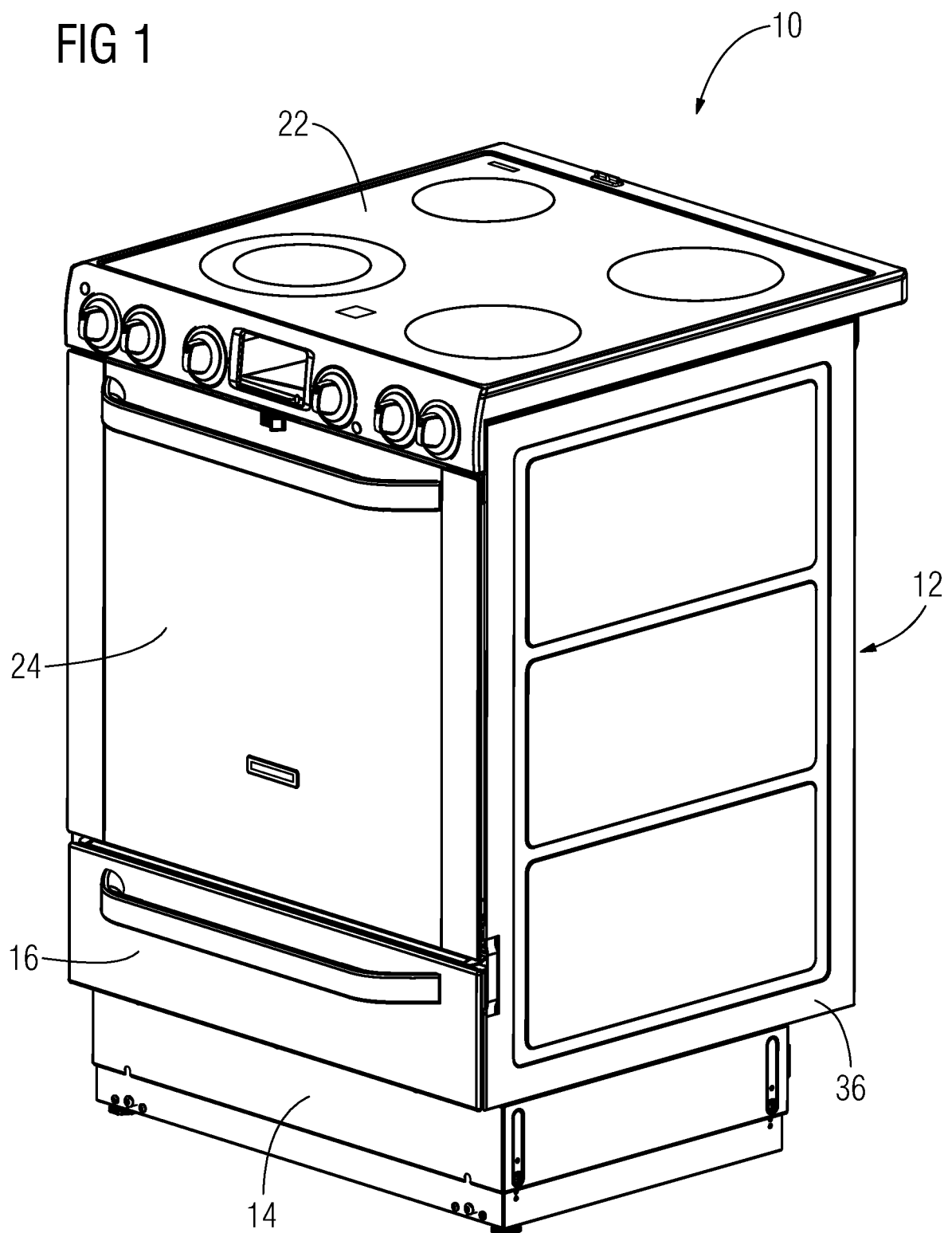


FIG 2

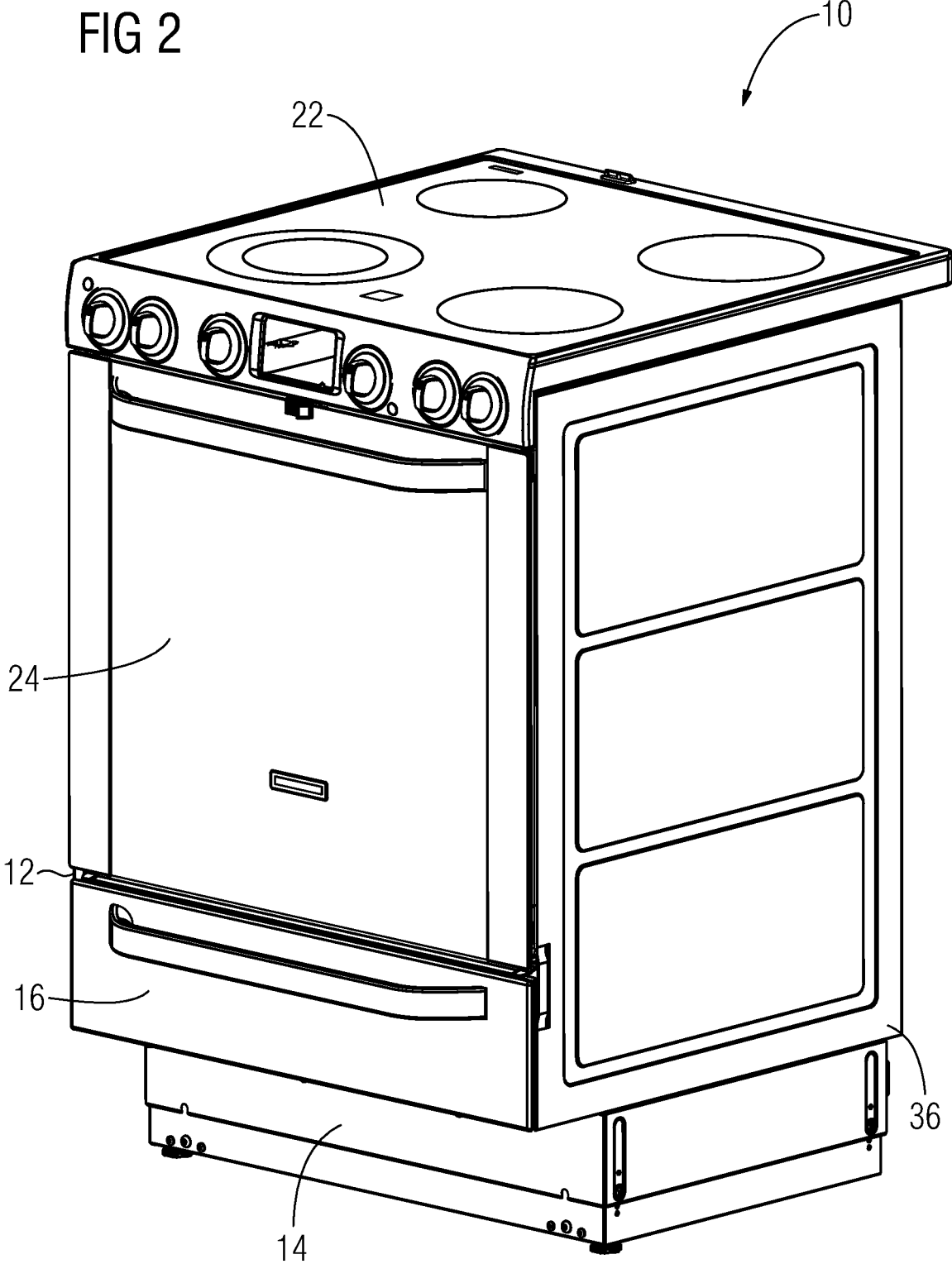


FIG 3

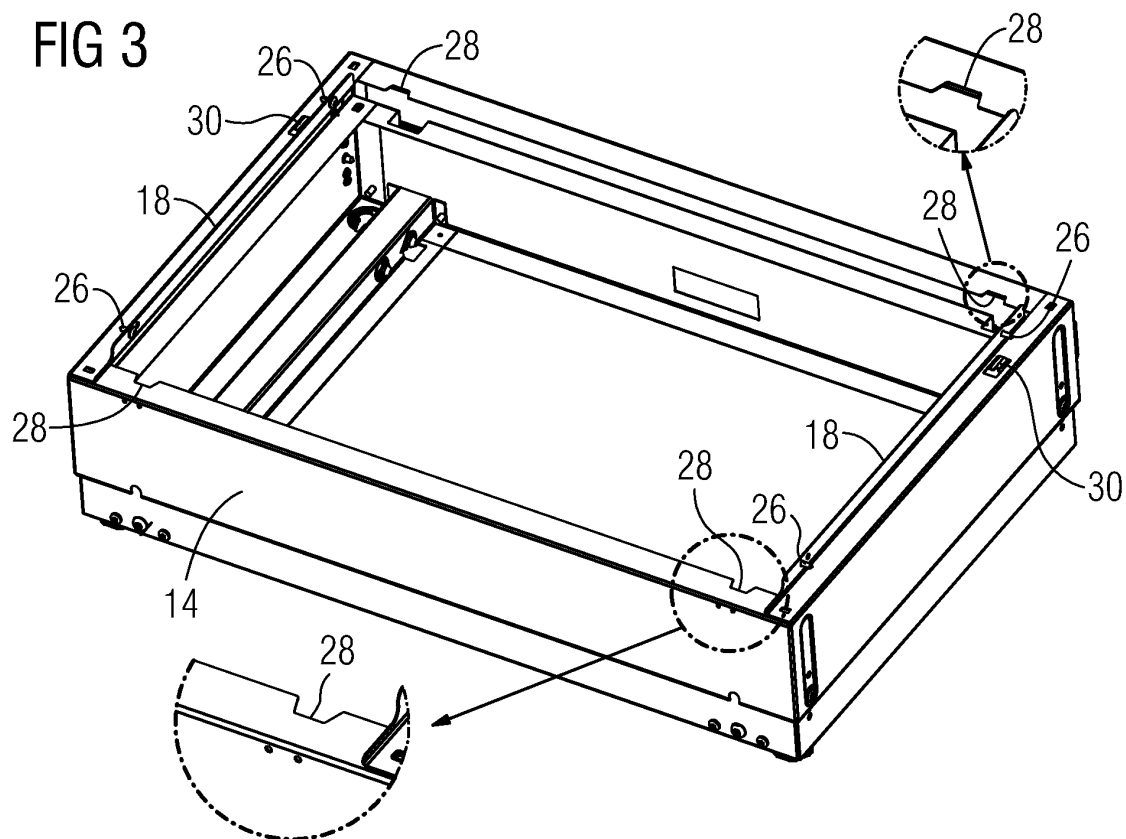


FIG 4

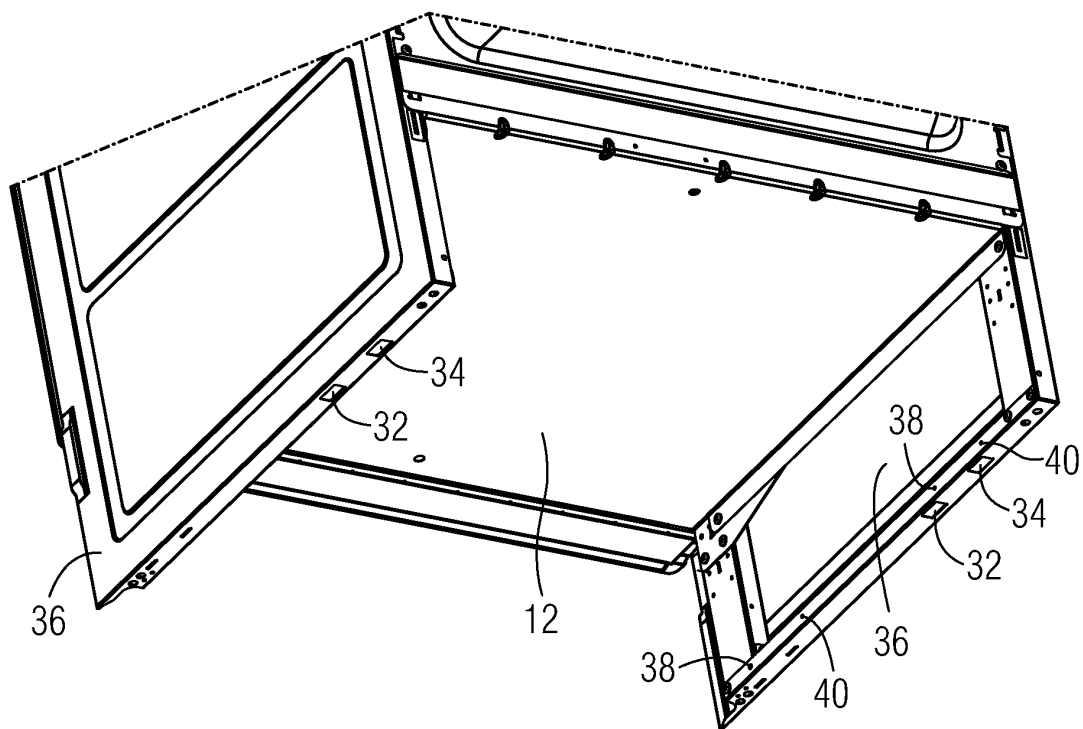


FIG 5

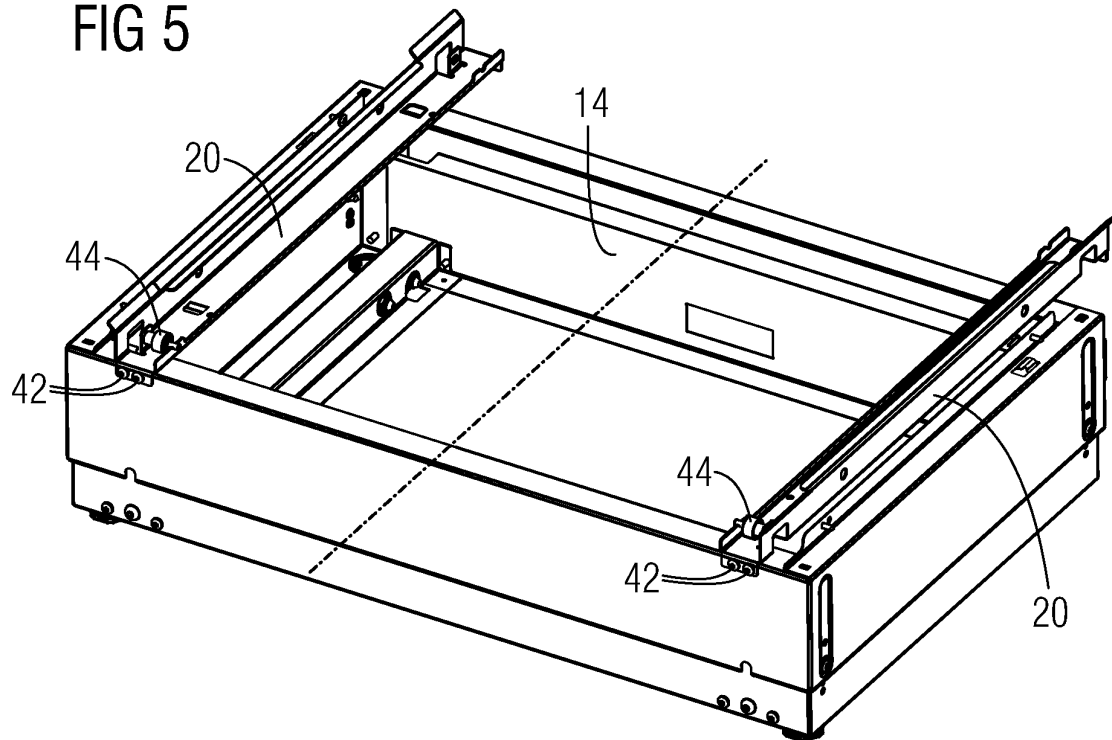


FIG 6

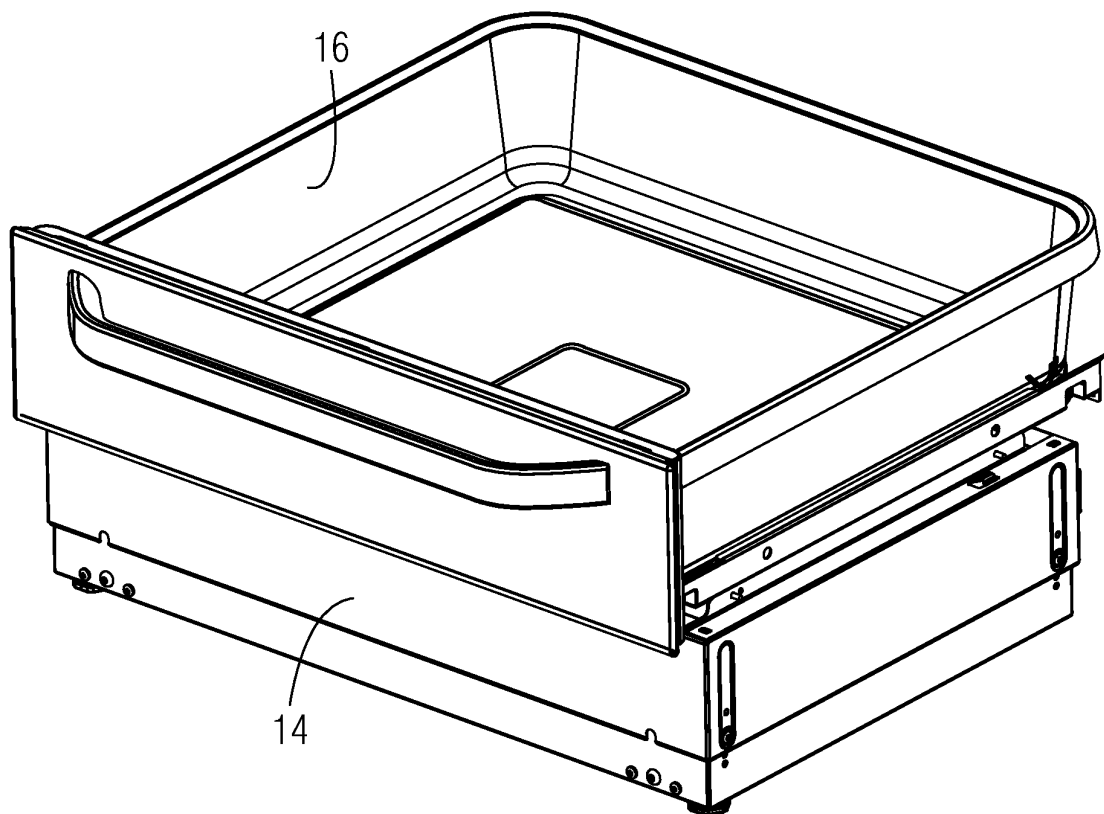


FIG 7

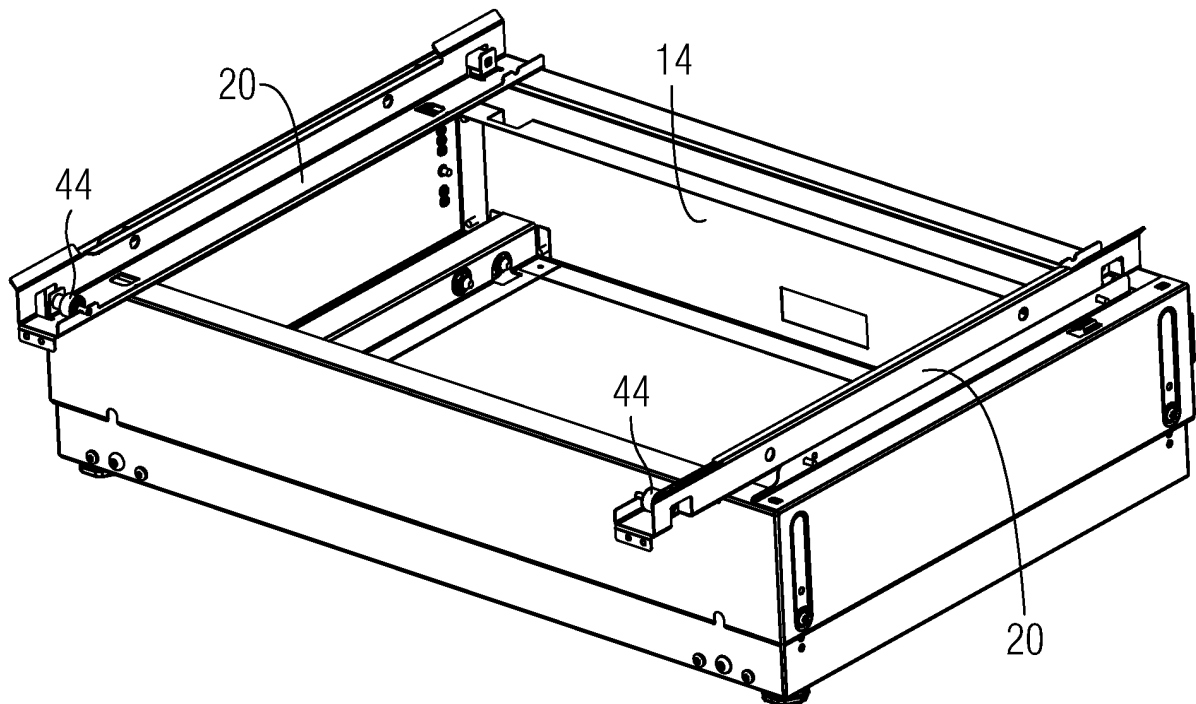


FIG 8

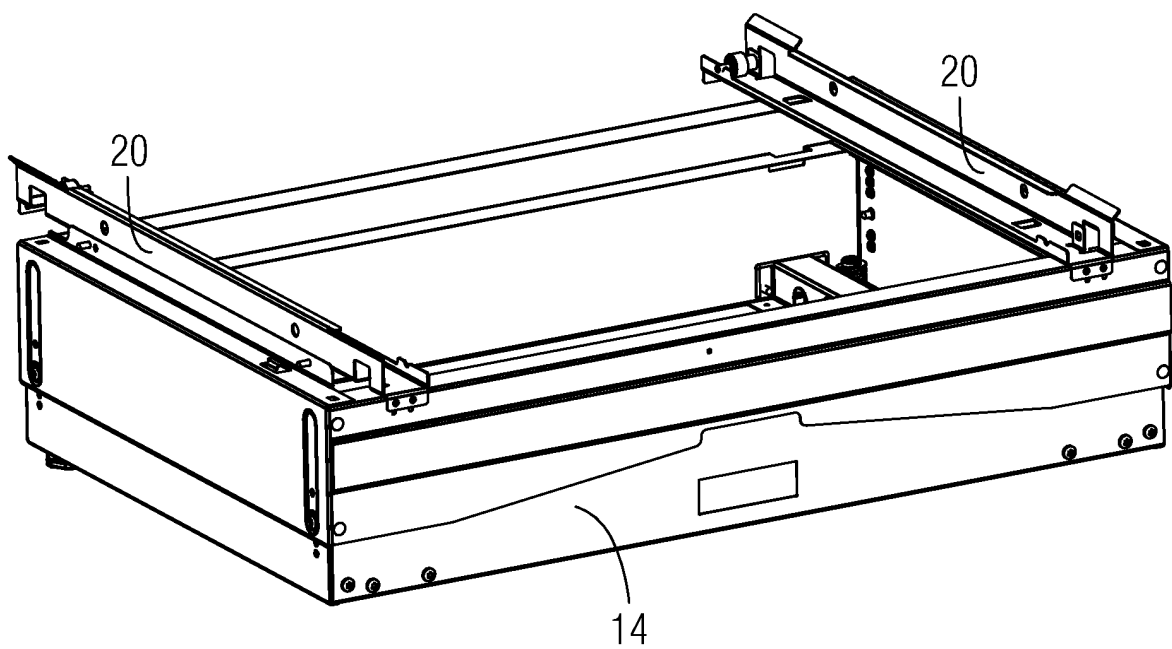


FIG 9

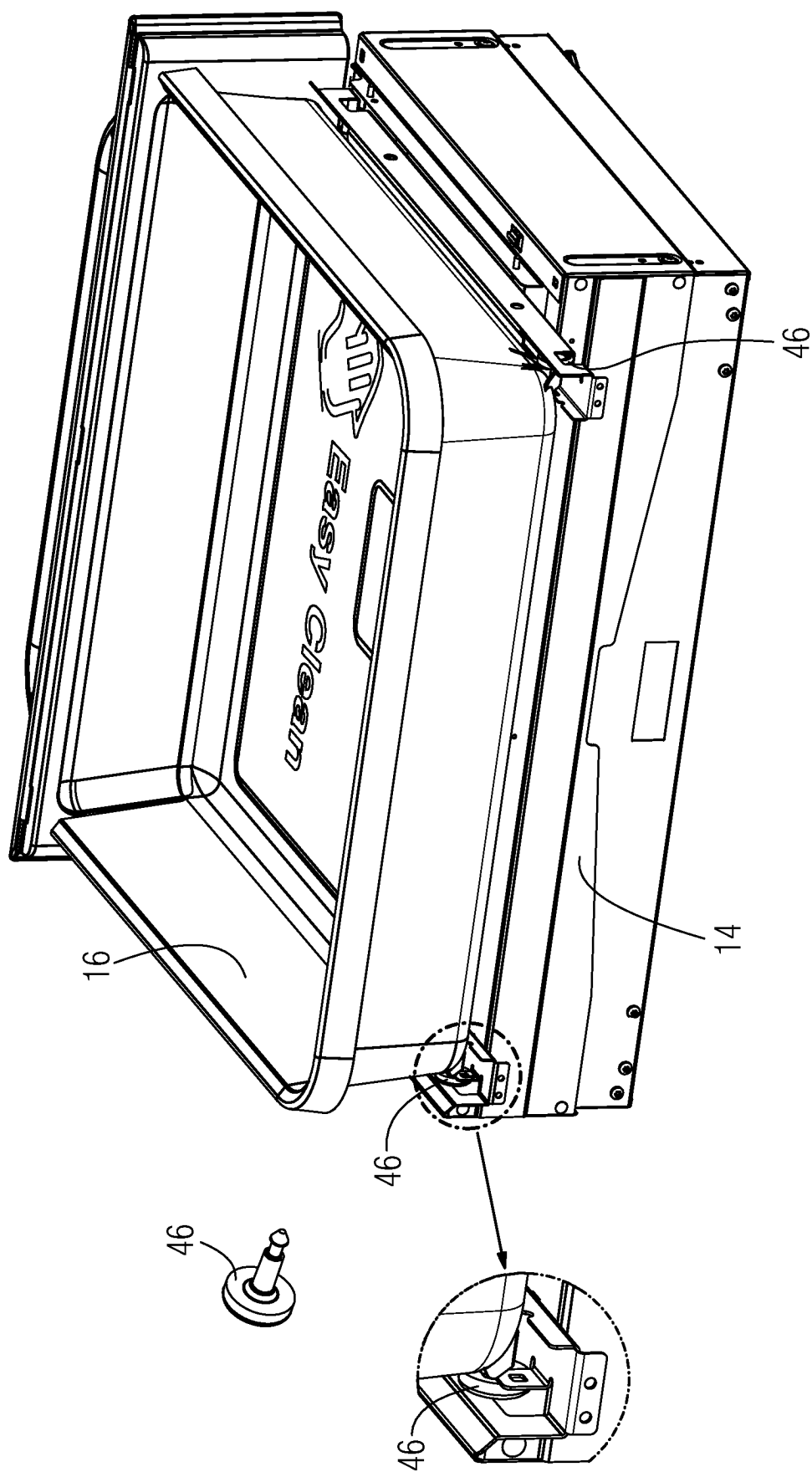


FIG 10

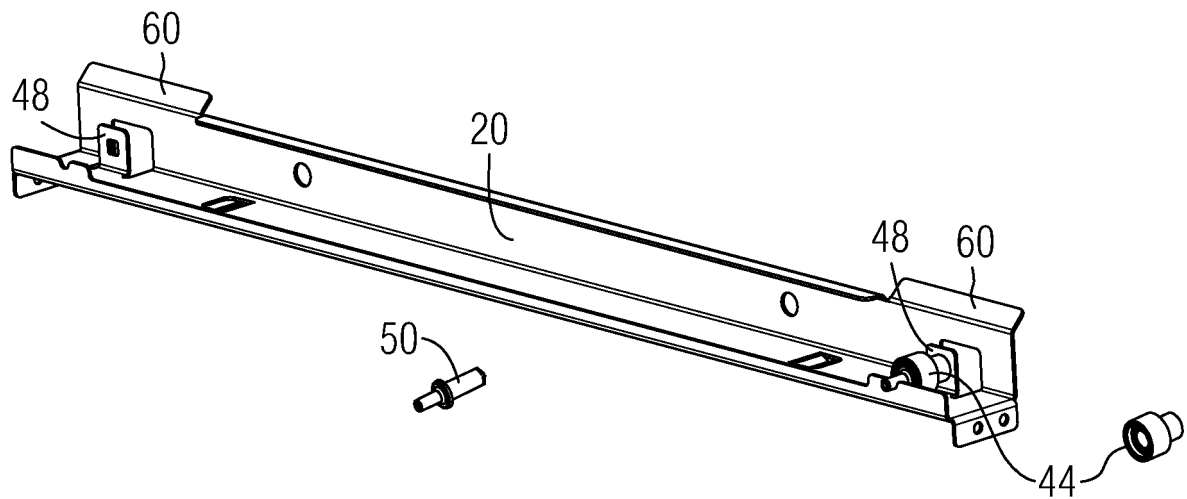


FIG 11

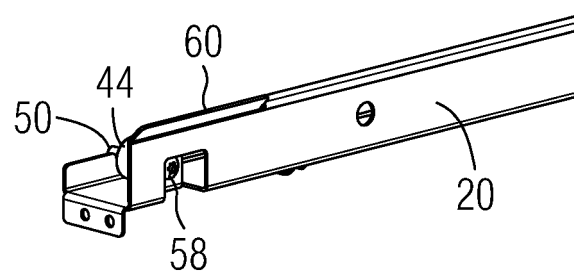


FIG 12

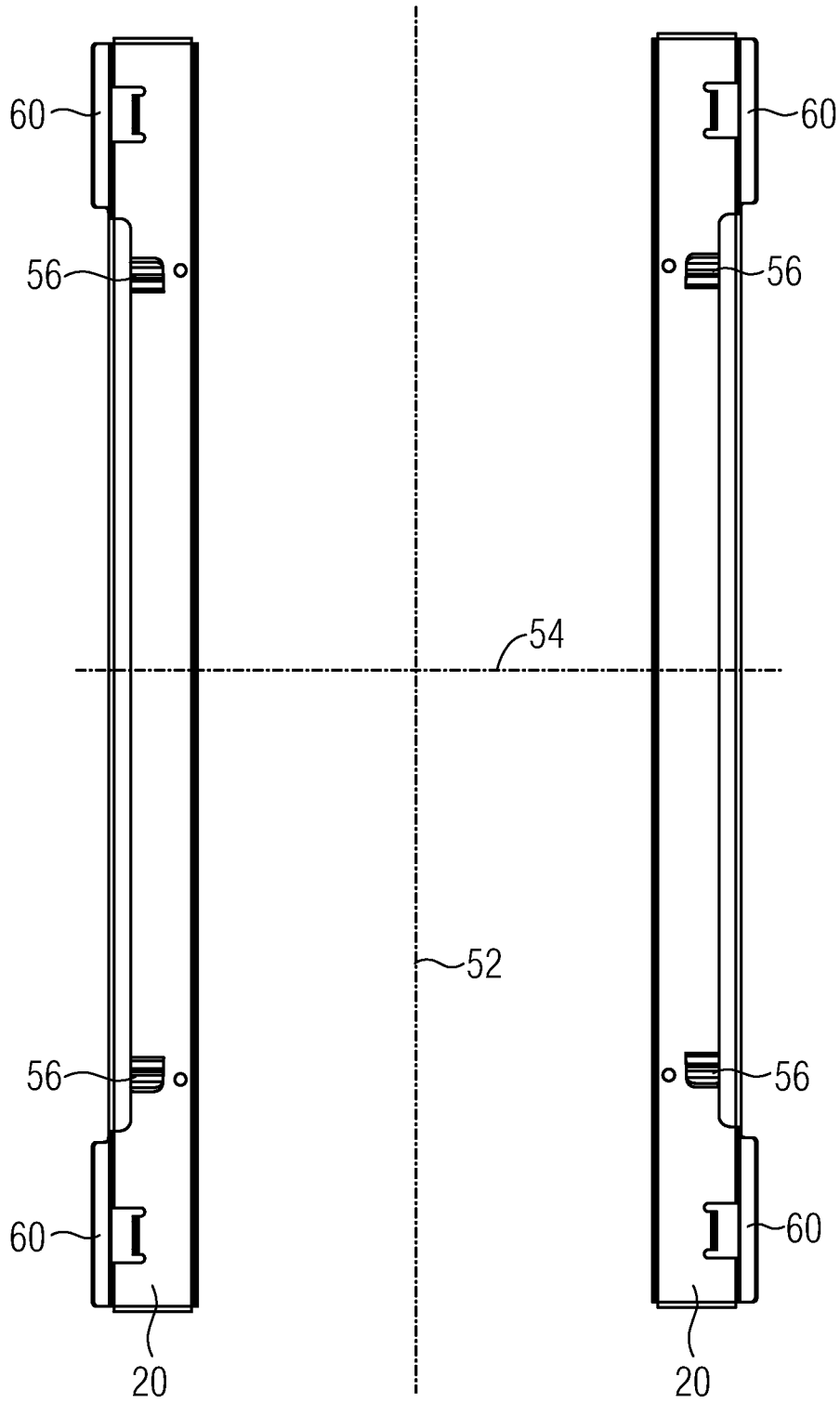
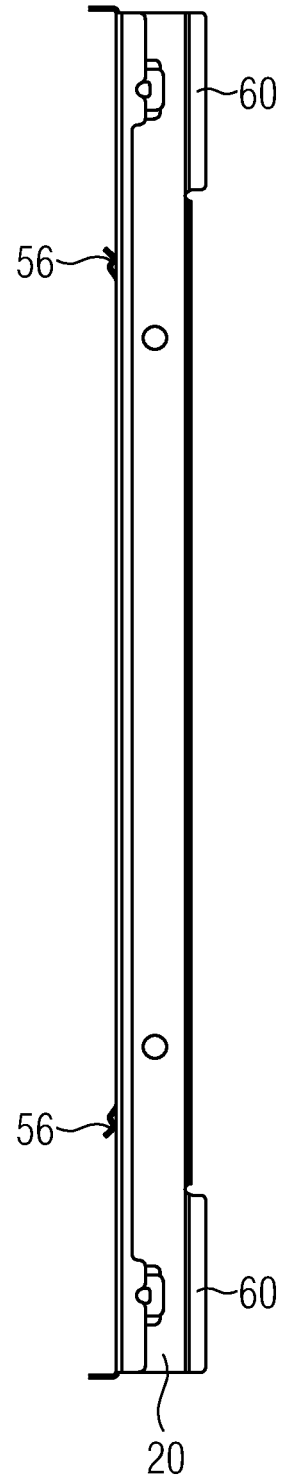


FIG 13



REFERENCES CITED IN THE DESCRIPTION

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Patent documents cited in the description

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