

MEDICAMENT ORDER-PICKING DEVICE

5 The invention relates to a drug picking device having at least one shelf device and at least one movable shelf operating means for storing drug packs and for removing stored drug packs.

Automated or at least partially automated drug picking devices are known from the prior art and are used in pharmacies
10 in order to be able to store drug packs in a space-saving manner. The drug packs are stored in the known drug picking devices suitable for pharmacies in a chaotic or sorted manner, whereby an unnecessary empty volume due to the chaotic storage can be avoided and the number of stored drug packs can be
15 increased considerably.

While the type of storage of the drug packs appears to be largely optimized, the structural design of the shelf device of a drug picking device offers space for optimizing the storage capacity. It is therefore the object of the present invention to
20 provide a drug picking device in which the storage capacity is both optimized and increased.

This object is achieved according to the invention by a drug picking device with the features according to claim 1.

The drug picking device according to the invention has at
25 least one shelf device and at least one movable shelf operating means for storing drug packs and for removing stored drug packs. The at least one shelf device comprises at least one pair of vertical struts having two vertical struts, each of which is designed to extend in an elongated manner, a rear wall which is
30 connected to the pair of vertical struts and on which the two vertical struts are arranged parallel to and at a distance from one another, at least one pair of side wall elements having two side wall elements which are each designed plate-shaped and which are each releasably connected to an associated vertical

strut, and at least one storage floor which has four side edges which run straight and is arranged between the side wall elements. Each of the two vertical struts has a plurality of storage floor supports which are designed one behind the other
5 in the longitudinal direction of the corresponding vertical strut, each of the two side wall elements having a plurality of storage floor receptacles which are designed one behind the other in the longitudinal direction of the corresponding side wall element. Furthermore, the at least one storage floor has
10 two corner portions that are designed to run in a rounded or beveled manner. Two oppositely arranged side edges of the at least one storage floor are arranged to be supported at least in portions on corresponding storage floor receptacles of the two side wall elements, wherein corresponding storage floor supports
15 of the two vertical struts are designed to support the two corner portions of the at least one storage floor in a carrying manner, which corner portions are designed to run in a rounded or beveled manner.

Advantageous and expedient embodiments and developments of
20 the invention are disclosed in the corresponding dependent claims.

The invention provides a drug picking device which is distinguished by a simple construction. Due to the fact that corresponding storage floor supports of the two vertical struts
25 support the two corner portions of the at least one storage floor in a carrying manner, which corner portions are designed to run in a rounded or beveled manner, in such a way that the side edge of the at least one storage floor, which side edge runs between the corner portions which run in a rounded or
30 beveled manner, can be arranged in a very small distance from the rear wall, the space in a horizontal plane between the two vertical supports up to the rear wall is optimally used to store a maximum of drug packs, so that the storage capacity is advantageously increased compared to known drug picking devices.

An optimal use of space is provided in an embodiment of the invention in that the corresponding storage floor supports of the two vertical struts are designed to support the two corner portions of the at least one storage floor in a carrying manner, 5 which corner portions are designed to run in a rounded or beveled manner, in such a way that the side edge of the at least one storage floor, which side edge runs between the corner portions which run in a rounded or beveled manner, is arranged to rest flush against the rear wall.

10 For optimal use of space, the invention also provides in an embodiment that a corresponding vertical strut is designed having a central portion to which a corresponding side wall element is releasably fastened and from which a first support wing and a second support wing extend mirror-symmetrically to 15 one another, and wherein the plurality of storage floor supports are designed on the first support wing and the second support wing. A corresponding vertical strut thus assumes a plurality of functions, a corresponding vertical strut being used, among other things, to releasably fasten a side wall element, to 20 support corner portions of the storage floor, and to attach the rear wall, and also contributes to the stability of the shelf device.

To increase the functionality of a corresponding vertical strut and thus for optimal use of space, a further embodiment of 25 the invention provides that the first support wing and the second support wing each have a connection portion which is connected to the rear wall and a support portion which carries an associated corner portion of the storage floor, which corner portion is designed to run in a rounded or beveled manner.

30 In an embodiment of the invention, a compact arrangement in which the connection portion is designed to lie between the support portion and the central portion is particularly space-saving.

To connect a corresponding vertical strut to the rear wall, it is advantageous in a further embodiment of the invention if the connection portion is arranged to run parallel to the rear wall and rests against the rear wall, and the support portion
5 extends at an acute angle relative to the connection portion in a direction pointing away from the rear wall.

For a space-saving arrangement and for optimum storage space, the invention provides in a further embodiment that the corresponding corner portion of the storage floor, which corner
10 portion is designed to run in a beveled manner, extends at an acute angle relative to the side edge of the storage floor, which side edge lies between the two corner portions and is arranged to rest flush against the rear wall in a direction pointing away from the rear wall.

15 For the secure support of the storage floor, it is advantageous if the acute angle of a corresponding corner portion which is designed to run in a beveled manner is greater than the acute angle of a corresponding support portion.

To increase the compactness and optimal use of space, it is
20 also provided in an embodiment of the invention that a corresponding storage floor support of the plurality of storage floor supports is designed as an incision in the corresponding support portion, and wherein the corner portion which is designed to run in a rounded or beveled manner is arranged in an
25 inserted manner in the incision.

With regard to an optimal use of space and a further increase in compactness, the invention provides in an embodiment that a side edge of the corresponding side wall element is releasably connected to an associated vertical strut, and a side
30 edge of the corresponding side wall element, which side edge is opposite the associated vertical strut, is designed having a first bearing portion and a second bearing portion, wherein the first bearing portion and the second bearing portion extend from the corresponding side edge in opposite directions and parallel

to the rear wall, and wherein the plurality of storage floor receptacles are designed as slots in the first bearing portion and the second bearing portion.

It also helps to increase the compactness if the storage floor is only supported at certain points, whereby the invention provides in a further embodiment that at least one portion of a first side edge of the storage floor, which portion extends from one of the corner portions which run in a rounded or beveled manner in a direction pointing away from the rear wall, is arranged to be supported in a bearing manner on the first bearing portion, and wherein at least one portion of a second side edge of the storage floor, which storage floor extends from the other of the corner portions which run in a rounded or beveled manner, in a direction pointing away from the rear wall, is arranged to be supported in a bearing manner on the second bearing portion.

The drug picking device according to the invention is advantageously of modular design, for which purpose a first row of shelves is provided in an embodiment of the invention, in which embodiment a plurality of shelf devices are arranged adjacently.

To ensure the stability of the first row of shelves, the invention provides in an embodiment that at least one longitudinal strut is provided which extends transversely to the vertical struts of the first row of shelves and which is releasably connected to the vertical struts of the first row of shelves.

An additional possibility for modular expansion of the drug picking device is provided in an embodiment of the invention by a second row of shelves, in which second row of shelves a plurality of shelf devices are arranged adjacently and which is arranged opposite to the first row of shelves, wherein the first row of shelves and the second row of shelves are arranged at a distance from one another and form an alley for moving the shelf

operating means movable in front of the first row of shelves and the second row of shelves.

To ensure the stability of the second row of shelves, it is also provided in an embodiment of the invention that at least
5 one longitudinal strut is provided which extends transversely to the vertical struts of the second row of shelves and which is releasably connected to the vertical struts of the second row of shelves.

To create a frame-like structure with high stability for two
10 rows of shelves, the invention provides in a further embodiment that at least one cross strut is provided, which cross strut releasably connects one of the two vertical struts of the first row of shelves and one of the two vertical struts of the second row of shelves to one another.

15 Finally, the invention provides in a further embodiment that a corresponding pair of side wall elements and a corresponding pair of vertical struts of two adjacently arranged shelf devices have a vertical strut used jointly by the two adjacently arranged shelf devices and a side wall element used jointly by
20 the two adjacently arranged shelf devices. Thus, due to the use of a jointly used side wall element and a jointly used vertical strut, only three vertical struts and three side wall elements are required for two shelf devices arranged next to one another, whereby the number of components and thus the costs are
25 advantageously reduced.

It is self-evident that the features mentioned above and yet to be described below can be used not only in the combination described but also in other combinations or in isolation without departing from the scope of the present invention. The scope of
30 the invention is defined only by the claims.

Other specifics, features and advantages of the invention will emerge from the following description in context with the drawing, in which a preferred embodiment of the invention is presented.

In the drawings:

Fig. 1 is a perspective view of a drug picking device,

Fig. 2 is a perspective view of a shelf device according to the invention,

5 Fig. 3 is a further perspective view of the shelf device according to the invention,

Fig. 4 is an enlarged illustration of a head region of the shelf device according to the invention,

Fig. 5 is an enlarged perspective view of an upper region of 10 the shelf device according to the invention,

Fig. 6 is a perspective view of individual parts of the shelf device according to the invention,

Fig. 7 is a plan view of the shelf device according to the invention with two enlarged detailed illustrations,

15 Fig. 8 is a perspective view of a vertical strut of the shelf device according to the invention,

Fig. 9 is another perspective view of the vertical strut of the shelf device according to the invention,

Fig. 10 is a perspective detailed view of a side wall 20 element of the shelf device according to the invention,

Fig. 11 is a further perspective detailed view of the side wall element having a storage floor supported thereon, and

Fig. 12 is a sectional detailed view of the side wall element.

25 Fig. 1 shows a drug picking device 1 having a first row of shelves 2 and a second row of shelves 3, the second row of shelves 3 being arranged opposite to the first row of shelves 2 in the embodiment shown. The interior of the drug-picking device 1 is normally covered by a plurality of rear walls 4 and ceiling 30 walls 5, some of the rear walls 4 and ceiling walls 5 being masked out in Fig. 1 in order to allow at least a partial view into the interior of the drug picking device 1. In front of the first row of shelves 2, a movable shelf operating means is arranged, which shelf operating means is designed for storing

drug packs and for removing stored drug packs. The drug packs are either stored in the first and/or second row of shelves 2, 3 or are stored there. The first row of shelves 2 and the second row of shelves 3 are arranged at a distance from one another in the illustrated embodiment and form an alley for moving the shelf operating means 6 movable in front of the first row of shelves 2 and the second row of shelves 3. Even if two rows of shelves are shown in the illustrated embodiment, a drug picking device can also have only a single row of shelves. In the embodiment shown, both the first row of shelves 2 and the second row of shelves 3 have a plurality of shelf devices 7 which are all constructed substantially identically. In the first row of shelves 2, a plurality of shelf devices 7 are arranged adjacently, a plurality of shelf devices 7 also being arranged next to one another in the second row of shelves 3. Even if a corresponding row of shelves has a plurality of shelf devices in the embodiment shown, it should be noted that a row of shelves can also have only a single shelf device.

Fig. 2 to 11 show more details of a corresponding shelf device 7 of the drug picking device 1. Fig. 2 and 3 show two shelf devices 7 arranged opposite to one another, one of the two shelf devices 7 belonging to the first row of shelves 2, whereas the other of the two shelf devices 7 belongs to the second row of shelves 3. For the sake of clarity, Fig. 2 and 3 do not show any further shelf devices in the rows of shelves 2 and 3. Fig. 5 is an enlarged perspective view of an upper region of a shelf device 7, all shelf devices 7 of a corresponding row of shelves 2, 3 of the drug picking device 1 being constructed substantially identically, so that only the features of a single shelf device 7 are described below. Looking at Fig. 5 and Fig. 6 together, showing a perspective view of individual parts of the shelf device 7, it can be seen that the shelf device 7 has a pair of vertical struts 8 having two vertical struts 8a and 8b. The two vertical struts 8a and 8b are each designed to extend in

an elongated manner, the vertical struts 8a and 8b being designed to be identical to one another in the embodiment shown, although this is not absolutely necessary. Furthermore, the shelf device 7 has a pair of side wall elements 9 having two
5 side wall elements 9a and 9b. The side wall elements 9a and 9b delimit the shelf device 7 and ensure that stored drug packs cannot fall out of the shelf device 7 to the side. The side wall elements 9a and 9b are each designed to be plate-shaped and thin-walled and are each releasably connected to an associated
10 vertical strut 8a or 8b. In this context, "associated" means that the side wall element 9a is releasably connected to the vertical strut 8a, whereas the side wall element 9b is releasably connected to the vertical strut 8b. A rear wall 4 is also assigned to the shelf device 7, which rear wall either
15 covers only one shelf device 7 or a plurality of adjacently arranged shelf devices 7 relative to the outside.

Correspondingly, the rear wall 4 is connected to the pair of vertical struts 8, the two vertical struts 8a and 8b being arranged in parallel on the rear wall 4 at a distance from one
20 another. The rear wall 4 can be releasably connected to the pair of vertical struts 8, for example via a screw connection, it also being conceivable that, alternatively or additionally, the rear wall 4 is glued to the pair of vertical struts 8. The side wall elements 9a and 9b are each releasably connected to the
25 vertical strut 8a, 8b which is assigned to them on a side of the vertical struts 8a, 8b facing away from the rear wall 4. In the case of the present shelf device 7, the drug packs are stored on storage floors 10, only a single storage floor 10 being shown as an example in Fig. 5 and 6. However, as can be seen from Fig. 1,
30 a plurality of storage floors 10 can be provided for each row of shelves 7, the storage floors 10 being arranged one above the other and being at a distance from one another. Such a storage floor 10 has four side edges 10a, 10b, 10c and 10d which run straight. As can be seen from Fig. 5 and 7, the storage floor 10

is arranged between the two side wall elements 9a and 9b. The storage floor 10 is not only supported by the side wall elements 9a and 9b in this case. Rather, the storage floor 10 is supported both by the vertical struts 8a and 8b and by the side wall elements 9a and 9b. For this purpose, the vertical struts 8a and 8b each have a plurality of storage floor supports 8c which are designed one behind the other in the longitudinal direction of the corresponding vertical strut 8a, 8b. Likewise, the two side wall elements 9a, 9b each have a plurality of storage floor receptacles 9c which are designed one behind the other in the longitudinal direction of the corresponding side wall element 9a, 9b.

It is characteristic of the storage floor 10 of the shelf device 7 of the present invention that the storage floor 10 does not have four pointed corners, but that the storage floor 10 instead has two corner portions 10e and 10f which are designed to run in a rounded or beveled manner. In the embodiment shown, the corner portions 10e and 10f are designed to run in a beveled manner, a rounded design of the corner portions also being conceivable as an alternative. As can also be seen from Fig. 5 and 7, the two oppositely arranged side edges 10b and 10d of the storage floor 10 are arranged to be supported at least in portions on corresponding storage floor receptacles 9c of the two side wall elements 9a, 9b, the storage floor 10 in particular being stored in the region of the corner portions which are not rounded and not beveled. In contrast, the corresponding storage floor supports 8c of the two vertical struts 8a and 8b support the two corner portions 10e and 10f of the storage floor 10, which corner portions are designed to run in a beveled manner, in such a way that the side edge 10a of the storage floor 10 running between the corner portions 10e and 10f which run in a beveled manner is arranged to rest flush against the rear wall 4, as can be seen in particular from Fig. 7. In this case, the storage floor supports 8c only support the corner

portions 10e and 10f of the storage floor 10, which corner portions are designed to run in a beveled manner.

Looking at Fig. 5 to 9 together, it can be seen that a corresponding vertical strut 8a, 8b is designed having a central portion 11. The central portion 11 is designed as a U-shaped hollow profile rail viewed in cross section. The central portion 11 is used to releasably fasten one of the two side wall elements 9a, 9b, a plurality of receiving recesses 20 being designed for this purpose in the leg connecting the two legs of the U-shaped hollow profile rail, which receiving recesses will be discussed in more detail later. A first support wing 12a and a second support wing 12b extend from the central portion 11. More precisely, the first support wing 12a extends from a free end of the two legs of the U-shaped profile rail, and the second support wing 12b extends from the other free end of the leg of the U-shaped profile rail. Furthermore, the first support wing 12a and the second support wing 12b extend mirror-symmetrically to one another in relation to a plane which runs perpendicular to the rear wall 4. The storage floor supports 8c are designed on the first support wing 12a and on the second support wing 12b. The first support wing 12a has a connection portion 14, which connection portion is connected to the rear wall 4, and a support portion 15, which support portion carries the associated corner portion 10e or 10f of the storage floor 10, which corner portion is designed to run in a beveled manner. The second support wing 12b also comprises a connection portion 14 which is connected to the rear wall 4, and a support portion 15 which carries the associated corner portion 10e or 10f of the storage floor 10, which corner portion is designed to run in a beveled manner. In both the first support wing 12a and the second support wing 12b, the connection portion 14 is designed to lie between the support portion 15 and the central portion 11. In this case, a corresponding support portion 15 extends obliquely

in a direction pointing away from the connection portion 14 and in a direction pointing towards the central portion 11.

In particular, it can be seen from Fig. 7 that the connection portion 14 is arranged to run parallel to the rear wall 4 and rests against the rear wall 4. In contrast, the support portion 15 extends at an acute angle 16 relative to the connection portion 14 in a direction pointing away from the rear wall 4. It can also be seen from Fig. 7 that the corresponding corner portion 10e or 10f of the storage floor 4, which corner portion is designed to run in a beveled manner, extends at an acute angle 17 relative to the side edge 10a of the storage floor 10, which side edge lies between the two corner portions 10e, 10f and is arranged to rest flush against the rear wall 4 in a direction pointing away from the rear wall 4. The acute angle 17 of a corresponding corner portion 10e, 10f which is designed to run in a beveled manner is larger than the acute angle 16 of a corresponding support portion 15. As can be seen from Fig. 8 and 9, the corresponding storage floor supports 8c are designed as an incision 18 in the corresponding support portion 15, so that the corner portion 10e or 10f, which corner portion is designed to run in a beveled manner, is arranged in an inserted manner in the incision 18. The corner portions 10e, 10f of the storage floor 10, which corner portions are designed to run in a beveled manner, together with the storage floor supports 8c, which storage floor supports are each configured as incision 18, and the alignment of the corresponding support portions 15, which alignment runs obliquely, allow the storage floor 10 to be easily pushed into the associated support portions 15, so that the storage floor 10 rests flush with its side edge 10a against the rear wall 4. In this case, the corner portions 10e, 10f which are designed to run in a beveled manner and the obliquely arranged support portions 15 equal a sufficient tolerance compensation so that the storage floor 10 is held securely and stably in a supported manner.

As already mentioned above, a side edge of the corresponding side wall element 9a or 9b is releasably connected to an associated vertical strut 8a or 8b. For this purpose, a plurality of suspension hooks 19 arranged at a distance from one another are designed on the side edge of the corresponding side wall element 9a, 9b. These suspension hooks 19, which can be seen for example from Fig. 10, are inserted into associated receiving recesses 20 (see, for example, Fig. 8), which receiving recesses are formed on the central portion 11 of a corresponding vertical strut 8a, 8b when the side wall elements 9a, 9b are assembled. To support the storage floor 10, a side edge of the corresponding side wall element 9a, 9b, which side edge is opposite the associated vertical strut 8a, 8b, is designed having a first bearing portion 21a and a second bearing portion 21b. The first bearing portion 21a and the second bearing portion 21b extend from the corresponding side edge of the corresponding side wall element 9a, 9b in opposite directions and parallel to the rear wall 4, as shown for example in Fig. 7. The bearing portions 21a, 21b are designed in the region of the corners of the side edges 10b and 10c or 10d and 10c. With reference to Fig. 7, the bearing portion 21b of the side wall element 9a supports a portion of the side edge 10d and the bearing portion 21a of the side wall element 9b supports a portion of the side edge 10b, whereas the bearing portion 21a of the side wall element 9a and the bearing portion 21b of the side wall element 9b do not support any portions of any side edges of the storage floor 10. Rather, the bearing portion 21a of the side wall element 9a and the bearing portion 21b of the side wall element 9b serve to support portions of storage floors of adjacent rows of shelves. As can be seen, for example, from Fig. 10 and 11, the storage floor receptacles 9c are designed as slots 22 in the first bearing portion 21a and the second bearing portion 21b. Consequently, at least one portion of the side edge 10b of the storage floor 10, which portion extends from the

corner portion 10f which runs in a beveled manner in a direction pointing away from the rear wall 4, is arranged to be supported in a bearing manner on the first bearing portion 21a, whereas at least one portion of the side edge 10d of the storage floor 10, which side edge extends from the other corner portion 10e which runs in a beveled manner in a direction pointing away from the rear wall 4, is arranged to be supported in a bearing manner on the second bearing portion 21b.

From the embodiments above, it can be seen that when only one row of shelves is used, one of the two bearing portions 21a or 21b of a side wall element 9a or 9b is not used. Both bearing portions 21a or 21b of a side wall element 9a or 9b are used when a plurality of shelf devices 7 are arranged next to one another and form a row of shelves. Correspondingly, a corresponding pair of side wall elements 9 and a corresponding pair of vertical struts 8 of two adjacently arranged shelf devices 7 have a vertical strut 8a or 8b used jointly by the two adjacently arranged shelf devices 7 and a side wall element 9a or 9b used jointly by the two adjacently arranged shelf devices.

In order to prevent the storage floor 10 from moving out of its supported position in a direction pointing away from the rear wall 4, a retaining projection 23 is designed on the storage floor receptacles 9c in addition to the slot 22, as can be seen in Fig. 11. At one end of a corresponding slot 22, the retaining projection 23 is designed to prevent movement of the storage floor 10 in a direction pointing away from the rear wall 4.

From Fig. 2 and 3, it can also be seen that a longitudinal strut 24 is provided for a shelf device 7, which longitudinal strut extends transversely to the vertical struts 8a, 8b of a pair of vertical struts 8 and which is releasably connected to the vertical struts 8a, 8b. Two longitudinal struts 24 are provided for the two rows of shelves 2 and 3 in Fig. 2 and 3, the longitudinal struts of the first row of shelves 2 and the

second row of shelves 3 being arranged both close to the floor and close to the ceiling. Each longitudinal strut 24 can extend at least over the region of a shelf device 7, the longitudinal strut 24 preferably extending over more than one shelf device 7.

5 Consequently, at least one longitudinal strut 24 is provided which extends transversely to the vertical struts 8a, 8b of the first row of shelves 2 and which is releasably connected to the vertical struts 8a, 8b of the first row of shelves 2. Likewise, at least one longitudinal strut 24 is provided, which

10 longitudinal strut extends transversely to the vertical struts 8a, 8b of the second row of shelves 3 and which is releasably connected to the vertical struts 8a, 8b of the second row of shelves 3. The longitudinal strut 24 ensures an increase in the stability of a corresponding shelf device 7.

15 A cross strut 25 contributes to further increasing the stability of two opposing rows of shelves 7, as can be seen from Fig. 2 to 4. At least one cross strut 25 releasably connects one of the two vertical struts 8a, 8b of the first row of shelves 2 and one of the two vertical struts 8a, 8b of the second row of

20 shelves 3. It is particularly advantageous if two cross struts 25 are provided, one of the two cross struts 25 being arranged near the floor or even supporting the vertical strut 8a, 8b with respect to the floor, and the other of the two cross struts 25 being arranged near the ceiling and thereby providing a support

25 for the ceiling walls 5.

It can also be seen from Fig. 2 to 4 that the side wall elements 9a, 9b are provided with a straight bulge 26 at one longitudinal end. The bulge 26 provides space for a movement rail 27 on which the shelf operating means 6 can move within the

30 drug picking device 1 and in front of a shelf device 7.

Of course, the invention described above is not limited to the described and illustrated embodiment. It can be seen that numerous modifications can be made to the embodiment depicted in the drawing, which are obvious to a person skilled in the art

according to the intended application, without leaving the scope of the invention. The invention includes everything that is contained in the description and/or shown in the drawing, including anything that, deviating from the specific embodiment, is obvious to a person skilled in the art.

List of reference signs

	1	Drug picking device
	2	First row of shelves
10	3	Second row of shelves
	4	Rear walls
	5	Ceiling walls
	6	Shelf operating means
	7	Shelf device
15	8	Pair of vertical struts
	8a, 8b	Vertical struts
	8c	Storage floor supports
	9	Pair of side wall elements
	9a, 9b	Side wall element
20	9c	Storage floor receptacles
	10	Storage floor
	10a, 10b 10c, 10d	Side edges
	10e, 10f	Rounded or beveled corners
	11	Central portion
25	12a, 12b	First and second support wing
	14	Connection portion
	15	Support portion
	16	Acute angle of support portion
	17	Acute angle of corners
30	18	Incision as a storage floor support
	19	Suspension hook
	20	Receiving recesses
	21a, 21b	First and second bearing portion
	22	Slots

	23	Retaining projection
	24	Longitudinal strut
	25	Cross strut
	26	Straight bulge
5	27	Movement rail

Claims

1. Drug picking device (1), comprising at least one shelf device (7) and at least one movable shelf operating means (6) for storing drug packs and for removing stored drug packs, wherein the at least one shelf device (7) comprises:
- at least one pair of vertical struts (8) having two vertical struts (8a, 8b), each of which is designed to extend in an elongated manner,
 - 10 - a rear wall (4) which is connected to the pair of vertical struts (8) and on which the two vertical struts (8a, 8b) are arranged parallel to and at a distance from one another,
 - at least one pair of side wall elements (9) having two side wall elements (9a, 9b) which are each designed to be plate-shaped and which are each releasably connected to an associated vertical strut (8a, 8b), and
 - 15 - at least one storage floor (10) which has four side edges (10a, 10b, 10c, 10d) which run straight and which is arranged between the side wall elements (9a, 9b),
- 20 wherein each of the two vertical struts (8a, 8b) has a plurality of storage floor supports (8c) which are designed one behind the other in the longitudinal direction of the corresponding vertical strut (8a, 8b),
- 25 wherein each of the two side wall elements (9a, 9b) has a plurality of storage floor receptacles (9c) which are designed one behind the other in the longitudinal direction of the corresponding side wall element (9a, 9b),
- wherein the at least one storage floor (10) has two corner portions (10e, 10f) which are designed to run in a rounded or beveled manner, and
- 30 wherein two oppositely arranged side edges (10b, 10d) of the at least one storage floor (10) are arranged to be supported at

least in portions on corresponding storage floor receptacles (9c) of the two side wall elements (9a, 9b), and

wherein corresponding storage floor supports (8c) of the two vertical struts (8a, 8b) are designed to support the two corner portions (10e, 10f) of the at least one storage floor (10) in a carrying manner, which corner portions are designed to run in a rounded or beveled manner.

2. Drug picking device (1) according to claim 1, wherein the corresponding storage floor supports (8c) of the two vertical struts (8a, 8b) are designed to support the two corner portions (10e, 10f) of the at least one storage floor (10) in a carrying manner, which corner portions are designed to run in a rounded or beveled manner, in such a way that the side edge (10a) of the at least one storage floor (10), which side edge runs between the corner portions (10e, 10f) which run in a rounded or beveled manner, is arranged to rest flush against the rear wall (4).

3. Drug picking device (1) according to either claim 1 or claim 2, wherein a corresponding vertical strut (8a, 8b) is designed having a central portion (11) to which a corresponding side wall element (9a, 9b) is releasably fastened and from which a first support wing (12a) and a second support wing (12b) extend mirror-symmetrically to one another, and wherein the plurality of storage floor supports (8c) are designed on the first support wing (12a) and the second support wing (12b).

4. Drug picking device (1) according to claim 3, wherein the first support wing (12a) and the second support wing (12b) each have a connection portion (14) which is connected to the rear wall (4) and a support portion (15) which has an associated corner portion (10e, 10f) of the storage floor (10), which corner portion is designed to run in a rounded or beveled manner.

5. Drug picking device (1) according to claim 4, wherein the connection portion (14) is designed to lie between the support portion (15) and the central portion (11).

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6. Drug picking device (1) according to either claim 4 or claim 5, wherein the connection portion (14) is arranged to run parallel to the rear wall (4) and rests against the rear wall (4), and wherein the support portion (15) extends at an acute angle (16) relative to the connection portion (14) in a direction pointing away from the rear wall (4).

7. Drug picking device (1) according to claim 6, wherein the corresponding corner portion (10e, 10f) of the storage floor (10), which corner portion is designed to run in a beveled manner, extends at an acute angle (17) relative to the side edge (10a) of the storage floor (10), which side edge lies between the two corner portions (10e, 10f) and is arranged to rest flush against the rear wall (4) in a direction pointing away from the rear wall (4).

8. Drug picking device (1) according to claim 7, wherein the acute angle (17) of a corresponding corner portion (10e, 10f) designed to run in a beveled manner is greater than the acute angle (16) of a corresponding support portion (15).

9. Drug picking device (1) according to any of the preceding claims, wherein a corresponding storage floor support (8c) of the plurality of storage floor supports (8c) is designed as an incision (18) in the corresponding support portion (15), and wherein the corner portion (10e, 10f) which is designed to run in a rounded or beveled manner is arranged in an inserted manner in the incision (18).

10. Drug picking device (1) according to any of the preceding claims, wherein one side edge of the corresponding side wall element (9a, 9b) is releasably connected to an associated vertical strut (8a, 8b), and a side edge of the corresponding side wall element (9a, 9b), which side edge is opposite the associated vertical strut (8a, 8b), is designed having a first bearing portion (21a) and a second bearing portion (21b), wherein the first bearing portion (21a) and the second bearing portion (21b) extend from the corresponding side edge in opposite directions and parallel to the rear wall (4), and wherein the plurality of storage floor receptacles (9c) are designed as slots (22) in the first bearing portion (21a) and the second bearing portion (21b).

11. Drug picking device (1) according to claim 10, wherein at least one portion of a first side edge (10b) of the storage floor (10), which portion extends from one of the corner portions (10f) which run in a rounded or beveled manner in a direction pointing away from the rear wall (4), is arranged to be supported in a bearing manner on the first bearing portion (21a), and wherein at least one portion of a second side edge (10d) of the storage floor (10), which portion extends from the other of the corner portions (10e) which run in a rounded or beveled manner in a direction pointing away from the rear wall (4), is arranged to be supported in a bearing manner on the second bearing portion (21b).

12. Drug picking device (1) according to any of the preceding claims, comprising a first row of shelves (2) in which a plurality of shelf devices (7) are arranged adjacently.

13. Drug picking device (1) according to claim 12, wherein at least one longitudinal strut (24) is provided which extends transversely to the vertical struts (8a, 8b) of the first row of

shelves (2) and which is releasably connected to the vertical struts (8a, 8b) of the first row of shelves (2).

14. Drug picking device (1) according to either claim 12 or
5 claim 13, comprising a second row of shelves (3), in which a plurality of shelf devices (7) are arranged adjacently and which is arranged opposite to the first row of shelves (2), wherein the first row of shelves (2) and the second row of shelves (3) are arranged at a distance from one another and form an alley
10 for moving the shelf operating means (6) which is movable in front of the first row of shelves (2) and the second row of shelves (3).

15. Drug picking device (1) according to claim 14, wherein
15 at least one cross strut (25) is provided, which cross strut releasably connects one of the two vertical struts (8a, 8b) of the first row of shelves (2) and one of the two vertical struts (8a, 8b) of the second row of shelves (3) to one another.

20 16. Drug picking device (1) according to any of claims 12 to 15, wherein a corresponding pair of side wall elements (9) and a corresponding pair of vertical struts (8) of two adjacently arranged shelf devices (7) have a vertical strut (8a, 8b) used jointly by the two adjacently arranged shelf devices (7) and a
25 side wall element (9a, 9b) used jointly by the two adjacently arranged shelf devices (7).