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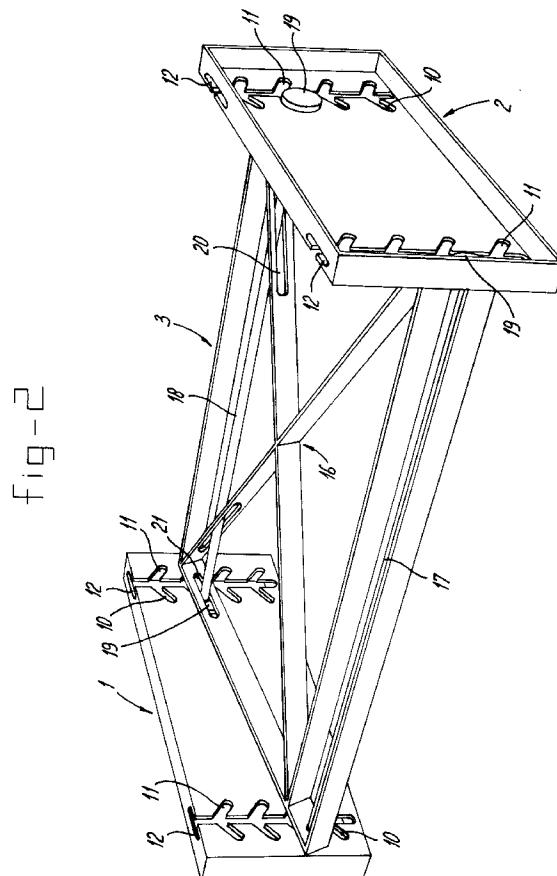
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### (54) Display

(57) An installation for displaying goods and/or keeping goods in readiness comprises at least two stands with transverse elements, such as holders, planks and the like, extending between them, which transverse elements are coupled by means of coupling elements to the stands, which are each provided, on the side facing towards a transverse element, with two parallel series of recesses running some distance apart, each transverse element being provided, on the side facing towards a stand, with supports which hook into the recesses. Each stand has at least one series of recesses connected to one another, such that the relevant support is slidable between the recesses connected to one another.



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## Description

The invention relates to an installation for displaying goods and/or keeping goods in readiness (a display), comprising at least two stands with transverse elements, such as holders, planks and the like, extending between them, which transverse elements are coupled by means of coupling elements to the stands, which are each provided, on the side facing towards a transverse element, with two parallel series of recesses running some distance apart, and each transverse element is provided, on the side facing towards a stand, with supports which hook into the recesses.

A display of this type is known. In the case of the known display, the supports must be inserted in the recesses, after which the relevant transverse element can be placed on the supports. If the arrangement has to be adjusted, for example for products of different dimensions, the supports must be removed and refitted in the desired position.

The adjustment of a complete installation with several transverse elements and stands is consequently labour-intensive. Moreover, it is not possible to arrange the transverse elements at a slope, that is to say facing obliquely downwards and towards the customers in a shop.

The aim of the invention is, therefore, to provide an installation of the abovementioned type which does not have these disadvantages. Said aim is achieved in that each stand has at least one series of recesses which are connected to one another in such a way that the relevant support is slidable between the recesses connected to one another.

When adjusting the location and/or position of a transverse element it is not necessary to remove the relevant supports. Said supports can be slid, with the transverse element, into the desired location and when in this location can be locked in position to prevent further movement.

According to a preferred embodiment, the recesses of each series are connected to one another by means of an essentially vertical slot, the recesses in each series extending transversely with respect to the slot.

If the recesses slope downwards from the point at which they join the slot, the transverse elements can easily be locked in place by bringing the supports into the bottom section of their slot. The supports will be pressed firmly into the end of the slot under the influence of their own weight and/or the weight of the supported goods.

The possibility of adjusting the transverse elements in various positions is even greater if two series of recesses are provided on either side of each slot.

The transverse elements can be assembled with the stands in a simple manner if each slot has an opening at at least one end of the stand and the support can be inserted in the slot at the location of said opening.

Preferably, slot and recess are undercut and each

support has a widened head which can be accommodated in the undercut cavity of slot and recess.

In connection with the stability, each stand can be provided with two parallel slots, each having at least one series of recesses, and each transverse element can have four supports, each of which interacts with its own slot and associated series of recesses.

Since it must be possible to vary the spacing between the supports, depending on the slope at which said transverse element is placed, two supports located on opposite sides of each transverse element are constructed so as to be slidable along said respective sides.

In a practical embodiment, two supports in each case are accommodated on a shaft, the ends of which protrude with respect to two opposing sides of the transverse element, a disc which fits in the undercut cavities of slots and recesses being fitted on each of said ends.

The invention will be explained in more detail below with reference to an illustrative embodiment shown in the figures.

Figure 1 shows a perspective top view of the installation according to the invention, in the disassembled state.

Figure 2 shows the installation according to Figure 1 in the assembled state.

The installation according to the invention as shown in Figures 1 and 2 comprises stands 1, 2 as well as transverse elements 3. In practice, several stands 1, 2 will be stacked on top of one another to form a rack which is, for example, two metres high. Several transverse elements can then be accommodated above one another between the columns consisting of stands 1, 2.

Each stand 1, 2 comprises a wall 4 provided all round with a top flange 5, side flanges 6, 7 and bottom flange 8. The walls 4 are provided with two slots 9, each slot being provided on either side with recesses 10, 11 which slope downwards. The slots 9 open into the top flange 5 by means of opening 12.

Each transverse element is provided with a frame, which is indicated in its entirety by 13, comprising longitudinal beams 14, side beams 15 and a cross-link 16.

A bar 17 extends between the side beams 15, which bar is guided through openings 17' in the side beams 15 and is provided at its ends protruding beyond side beams 15 with two heads 19.

A second bar 18 also extends between the side beams 15, which bar 18 is guided in slots 20 in the cross-link 16 and slots 21 in the side beams 15. Said bar 18 is also provided with heads 19 at its ends protruding beyond side beams 15.

When assembling the installation according to the invention, the heads 19 of a transverse element 3 are inserted in the openings 12 in two stands 1 located opposite one another. This brings the bars 17, 18 into the slots 9, as is shown in Figure 2. By moving bar 17 and/or bar 18 up and down, the transverse element 3 can easily be adjusted to the desired position with respect to the two stands, both with regard to the height and with

regard to the slope.

In the example in Figure 2, the transverse elements 3 have been positioned so that they slope slightly forwards. The heads of bar 18 are accommodated in the second recesses 10, counting from the top of stands 1, 2. The heads of bar 17 are inserted in the third recesses 10 from the top.

The bars 17, 18 are pressed firmly into the ends of the slots 10 under the influence of the weight of the transverse element 3 itself and also of the goods subsequently to be placed on said element, as a result of which a stable arrangement is ensured.

If it is desired to change the arrangement, the bars 17, 18 can easily be moved via the slots 10 into the slots 9; the bars 17, 18 are accessible from the bottom of the transverse element 3 for this purpose. The bars 17, 18 can then be moved upwards or downwards in the desired manner and optionally can also be moved into the slots 11. The latter is advisable if it is desired to install the transverse element 3 sloping backwards.

In both figures the transverse element 3 is shown only in the form of a frame. In practice, the top of the frame is covered by a base, or the entire frame is covered by a complete holder. However, this element has been omitted for clarity.

## Claims

1. Installation for presenting goods and/or holding goods in readiness, comprising at least two stands (1, 2) with transverse elements (3), such as holders, planks and the like, extending between them, which transverse elements are coupled by means of coupling elements to the stands (1, 2), which are each provided, on the side facing towards a transverse element (3), with two parallel series of recesses (10, 11) running some distance apart, and each transverse element (3) is provided, on the side facing towards a stand (1, 2), with supports which hook into the recesses, characterised in that each stand (1, 2) has at least one series of recesses (10, 11) which are connected to one another in such a way that the relevant support (17, 18) is slidable between the recesses (10, 11) connected to one another.
2. Installation according to Claim 1, wherein the recesses (10, 11) of each series are connected to one another by an essentially vertical slot (9).
3. Installation according to Claim 2, wherein the recesses (10, 11) in each series extend transversely with respect to the slot (9).
4. Installation according to Claim 2 or 3, wherein the recesses (10, 11) slope downwards from the point at which they join the slot (9).

5. Installation according to Claim 2, 3 or 4, wherein two series of recesses (10, 11) are provided on either side of each slot (9).

5 6. Installation according to Claim 2, 3, 4 or 5, wherein each slot (9) has an opening (12) at at least one end of the stand and the support (17, 18) can be inserted in the slot (9) at the location of said opening (12).

10 7. Installation according to one of Claims 2-6, wherein each slot (9) and recess (10, 11) is undercut and each support (17, 18) has a widened head (19) which can be accommodated in the undercut cavity of slot (9) and recess (10, 11).

15 8. Installation according to one of Claims 2-7, wherein each stand (1, 2) is provided with two parallel slots (9), each having at least one series of recesses (10, 11), and each transverse element (3) has four supports (17, 18), each of which interacts with its own slot (9) and associated series of recesses (10, 11).

20 9. Installation according to Claim 8, wherein two supports (17, 18) located on opposite sides (15) of each transverse element (3) are constructed so as to be slidable along said respective sides (15).

25 10. Installation according to Claim 8 or 9, wherein two supports in each case are accommodated on a shaft (17, 18), the ends of which protrude with respect to two opposing sides (15) of the transverse element (3), a disc (19) which fits in the undercut cavities of slots (9) and recesses (10, 11) being fitted on each of said ends.

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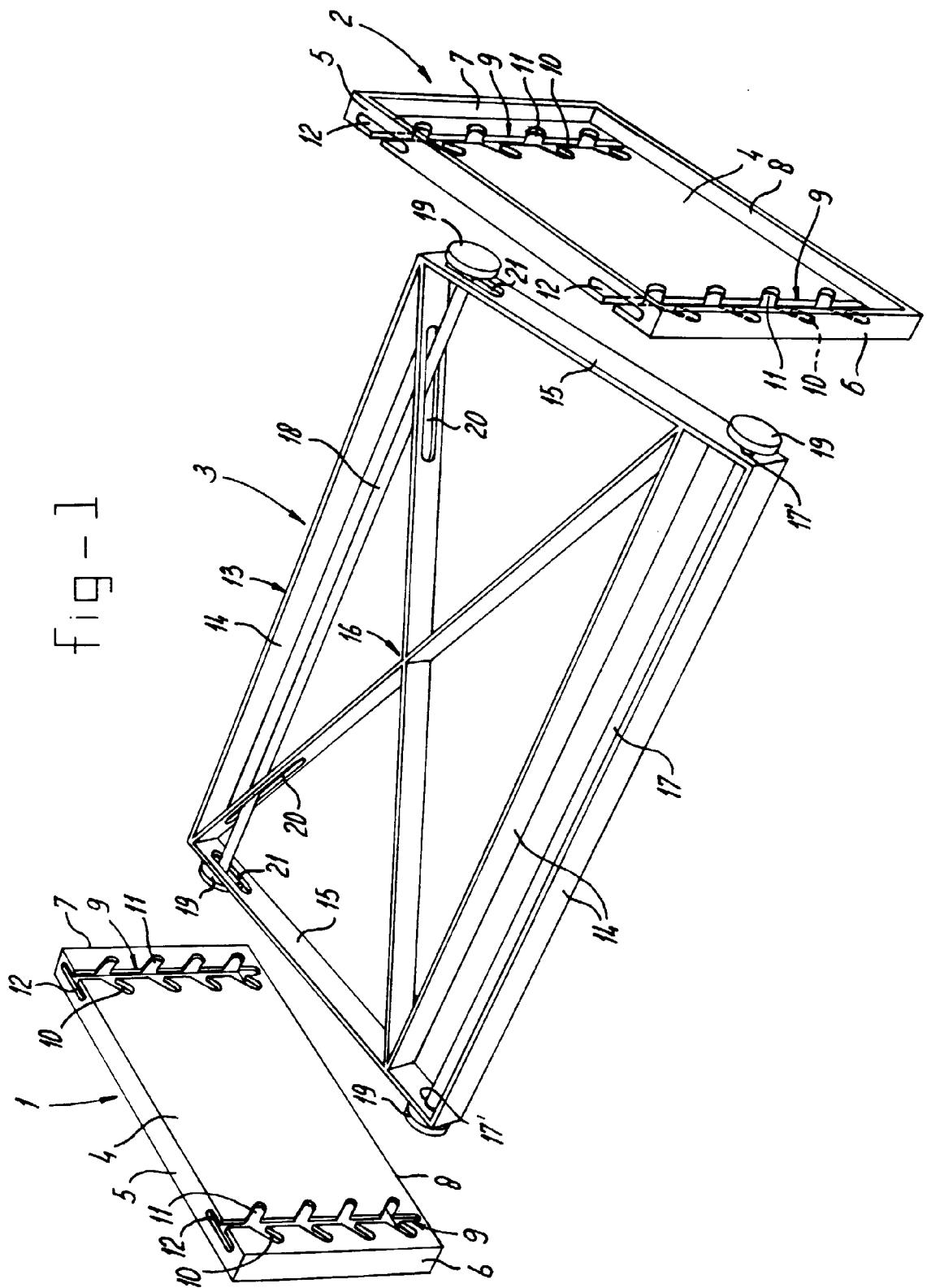
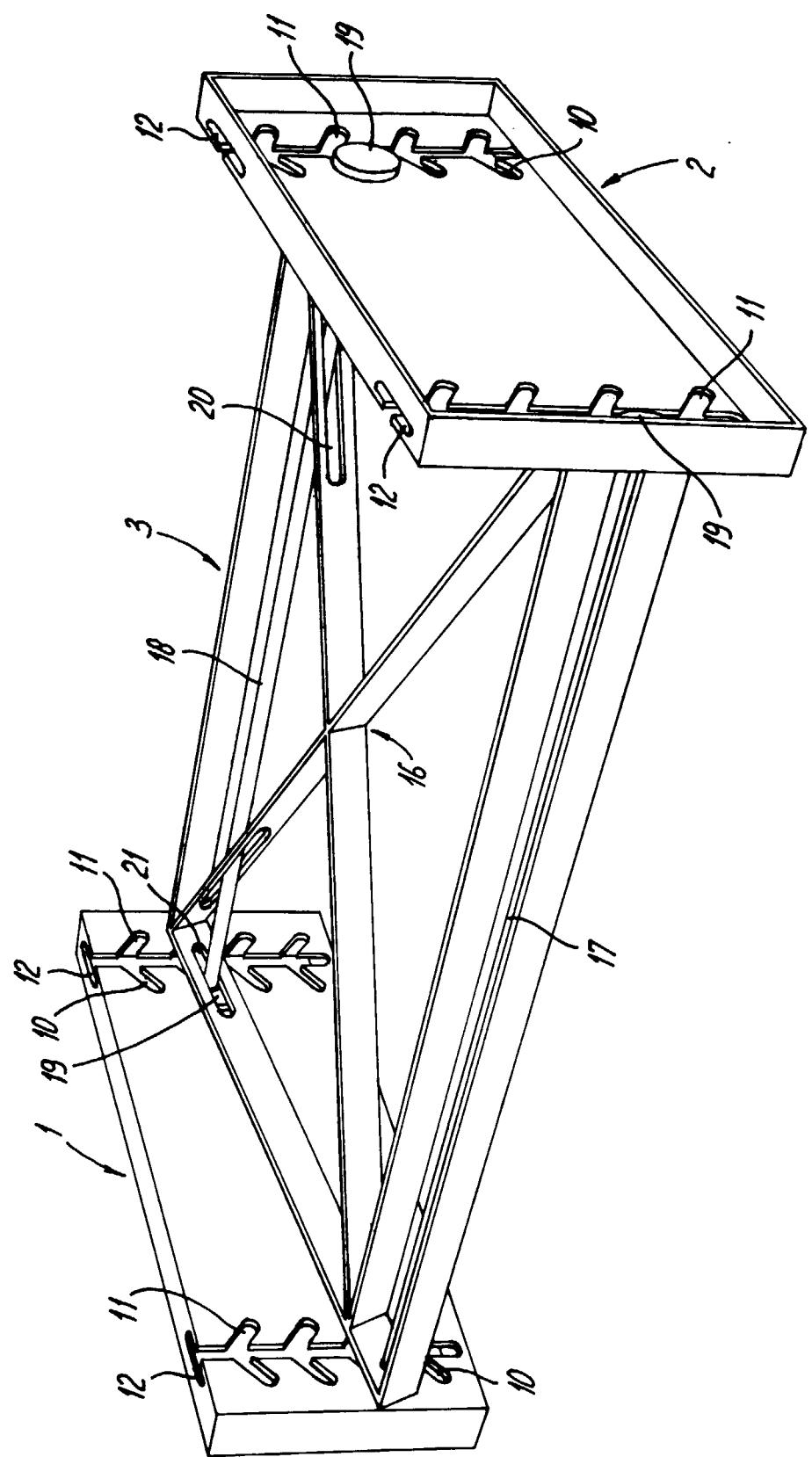


FIG - 2





DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	US-A-3 162 416 (AMARILLAS) 22 December 1964	1-4,6,8	A47B57/04 A47B57/10
A	* claims 1,2; figures 1-3,6 *	9	
A	US-A-4 292 902 (BARRINEAU) 6 October 1981 * abstract; figures 1,2 *	1	
A	FR-A-2 331 240 (S.U.S.T.A. S.P.A.) 3 June 1977 * page 5, last paragraph; figures 1,5 *	5	
A	US-A-2 895 620 (THOMPSON) 21 July 1959 * figures 1,5 *	7	
A	US-A-5 127 340 (MARO ET AL.) 7 July 1992 * abstract; figures 1-3 *	9	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A47B
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	13 May 1996	Jones, C	
CATEGORY OF CITED DOCUMENTS		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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