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D194 D2019 D427
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(56) Documents Cited
GB 2191738 A GB 2134942 A GB 0498162 A
GB 0351798 A GB 0300752 A

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UK CL (Edition O) **E1D DCJ DF135 DF196 DGS**
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On-line database - Derwent W.P.I

(54) **Mobile living space**

(57) A mobile living space in the form of a tent (Fig 1) has a framework which when disassembled can be used in part for forming part of a hand trolley (Fig 3) for carrying the tent and fittings therefor. The trolley can be opened within the canopy of the tent, which has a ground sheet (G) which can be converted into a bag. The box-like body (E) of the trolley can be unfolded to form an insulating base for the sleeping area, and when folded forms a seat, or a support for a washing facility or a toilet. A water container (F) with a tap is also provided. A further container (Fig 9, not shown), with a lid, is provided to sit in a recess in the body of the trolley (see Fig 3), the container acting as a storage box, a wash basin or a toilet.

FIG 1

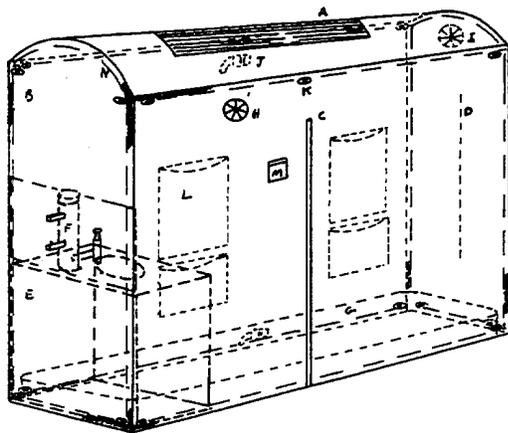
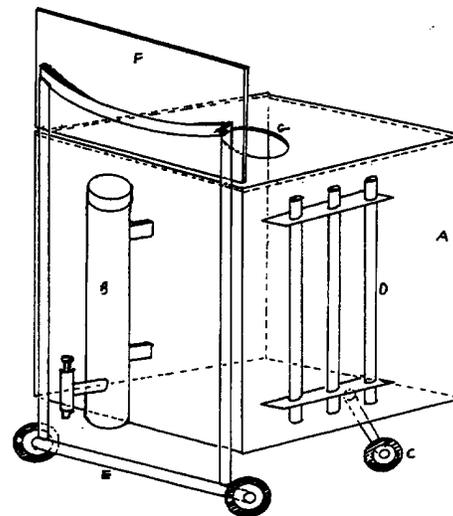


FIG 3



GB 2 309 715 A

FIG 2

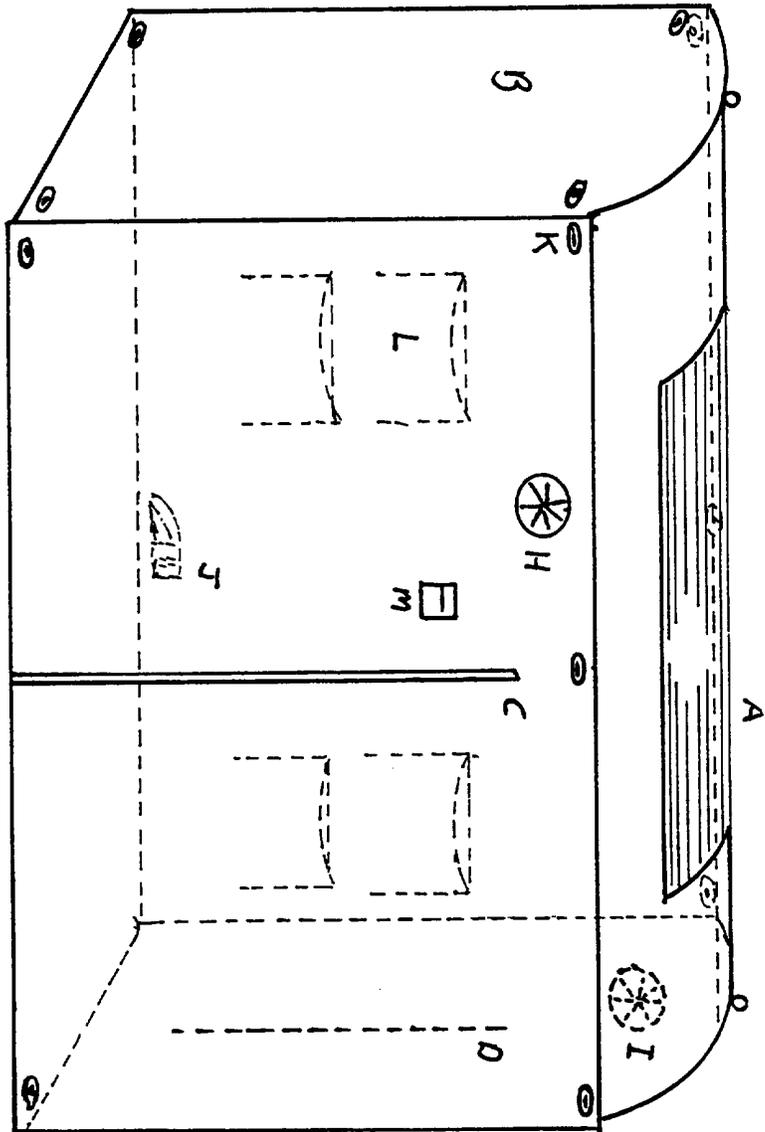
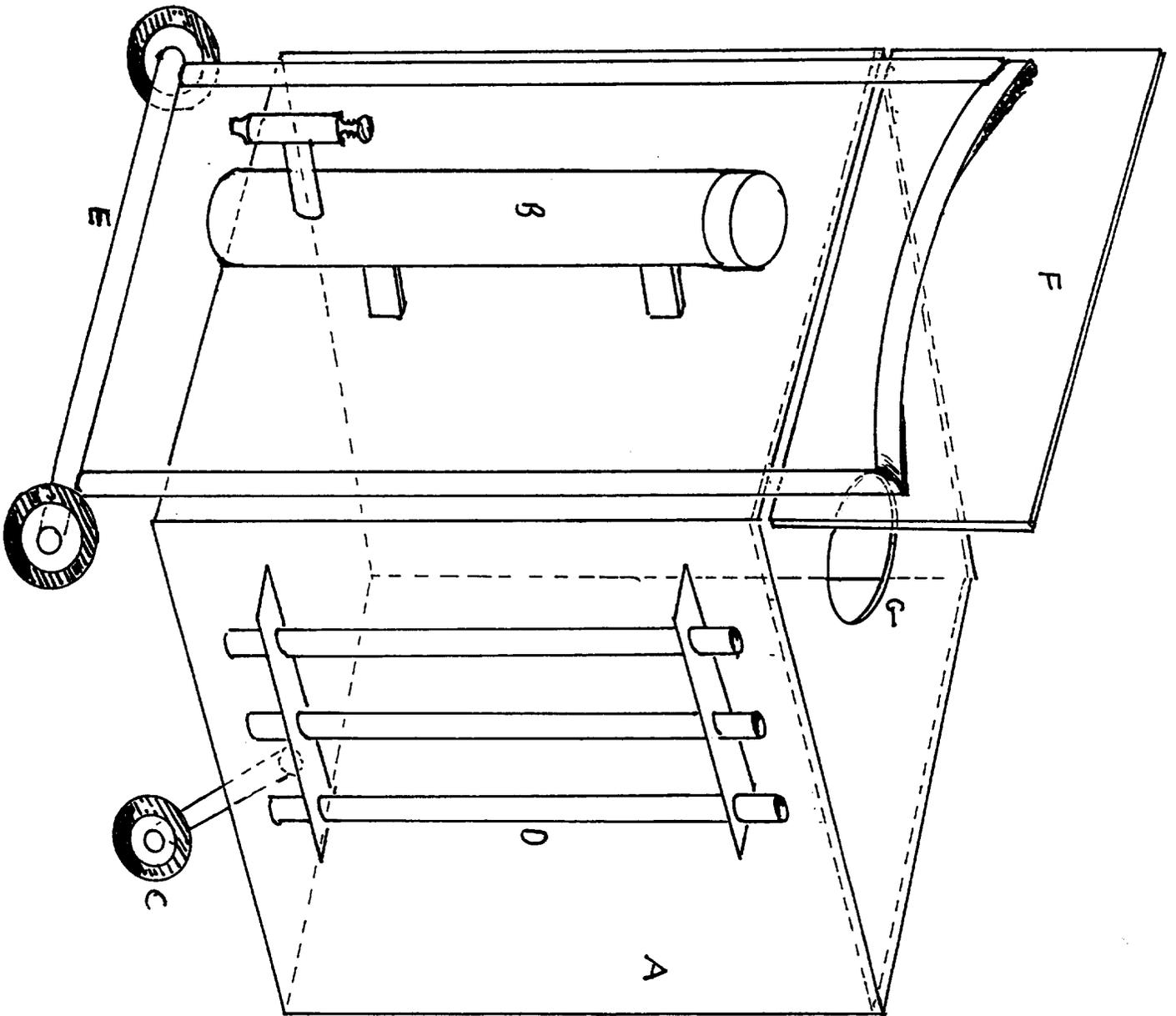


FIG 3



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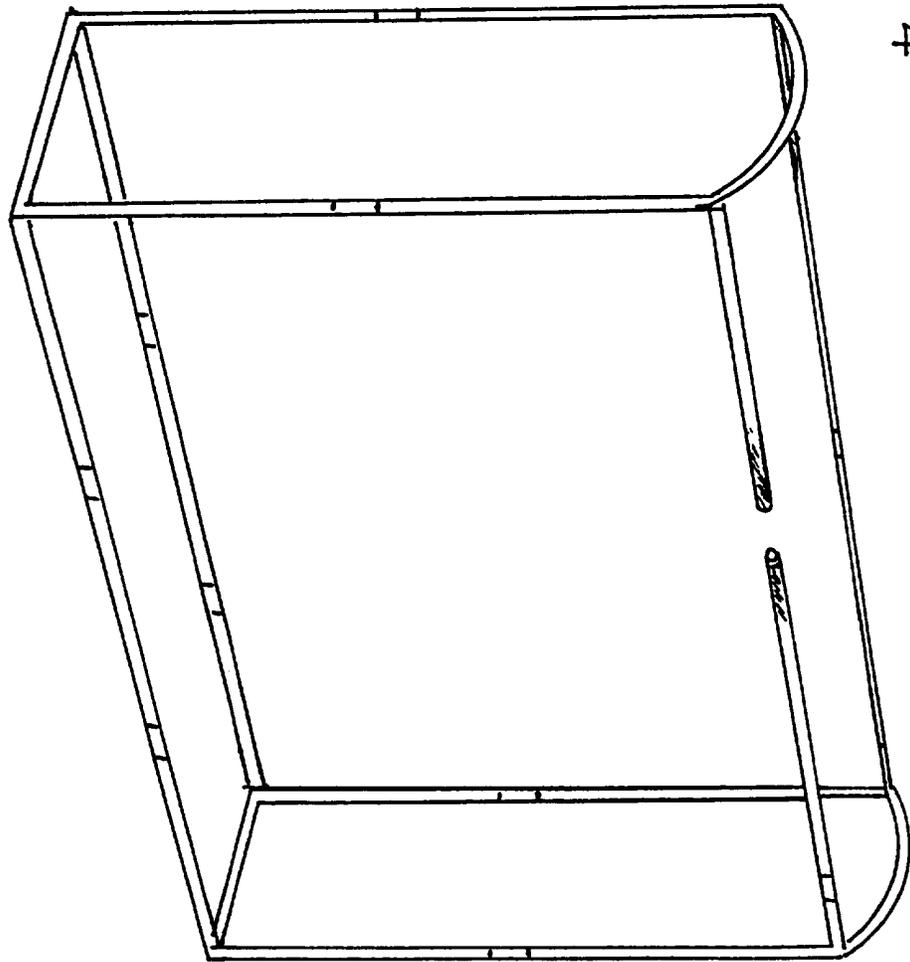
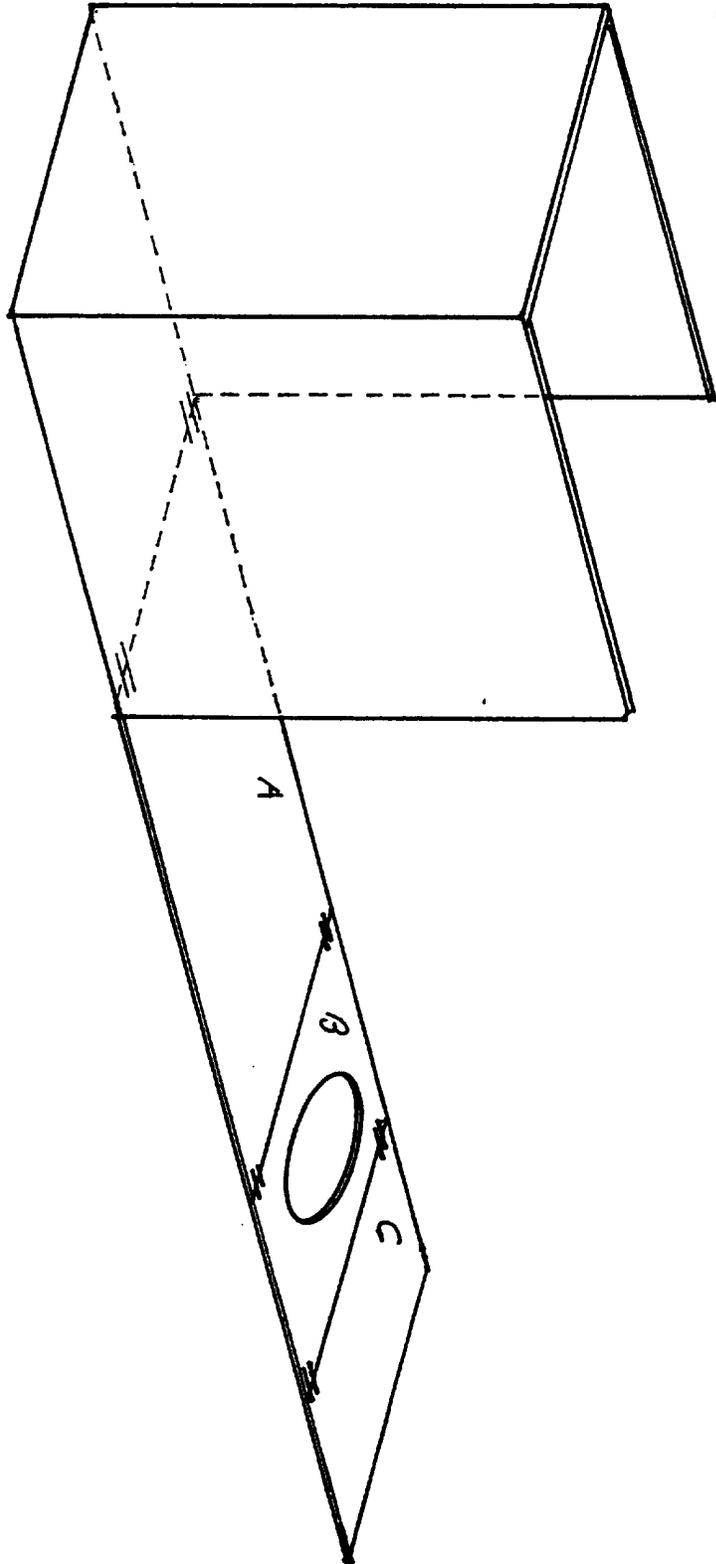


FIG 4

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FIG 5



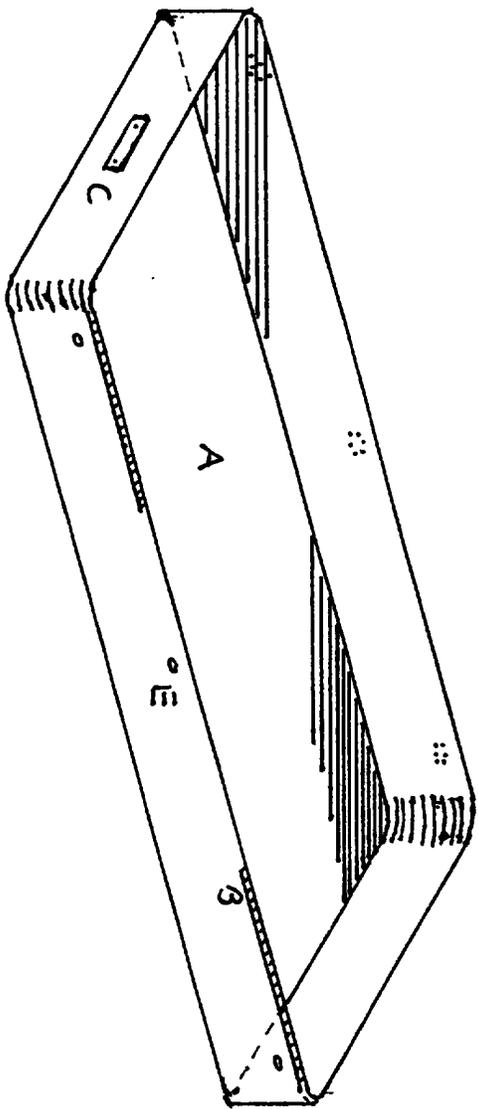


FIG 6

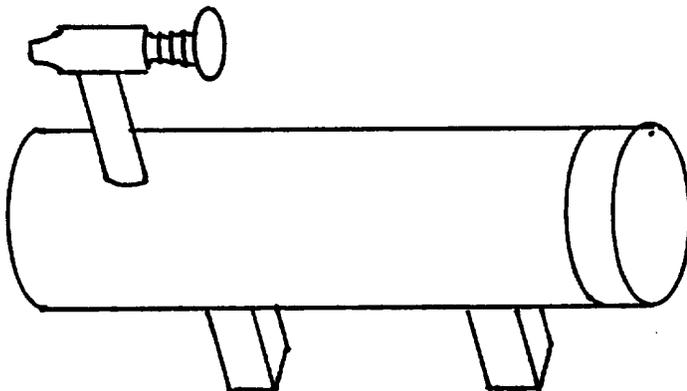


FIG 7

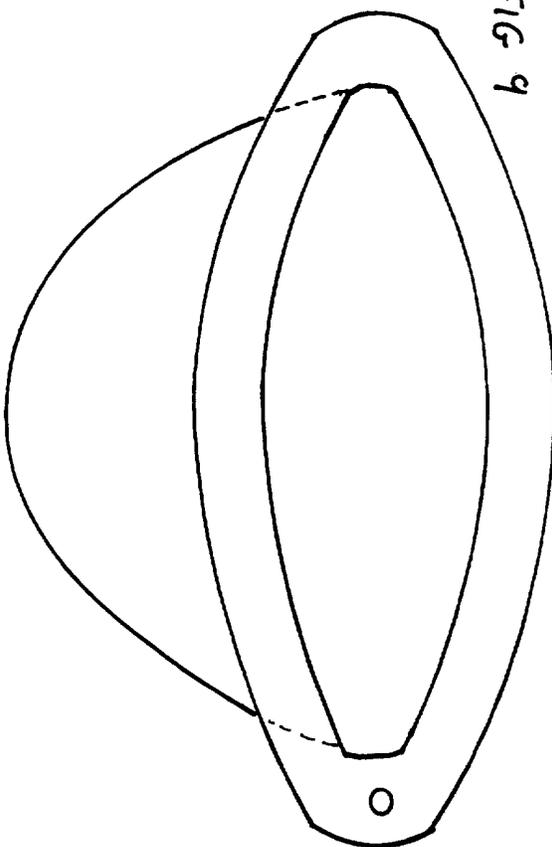


FIG 9

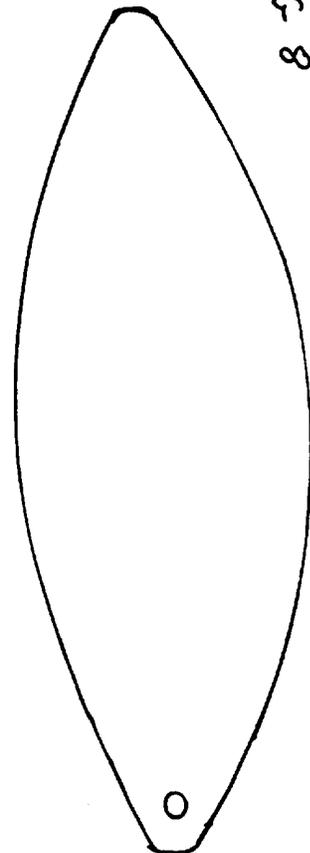


FIG 8

8/8

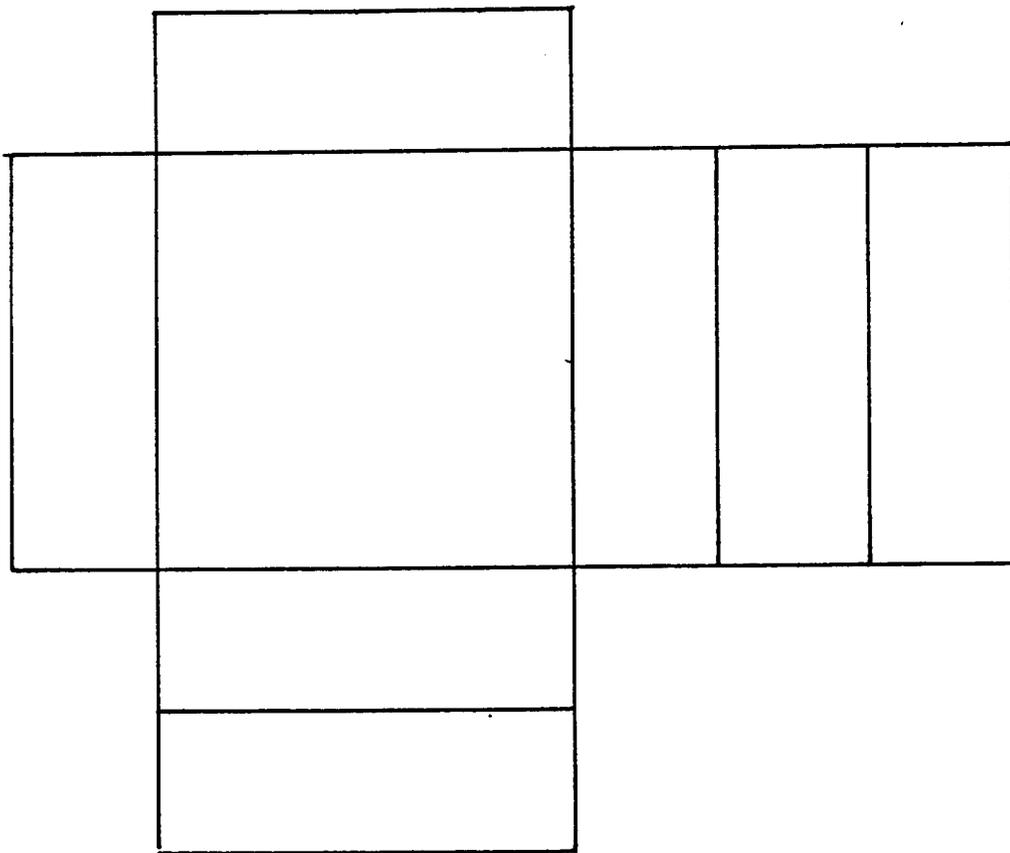


FIG 10

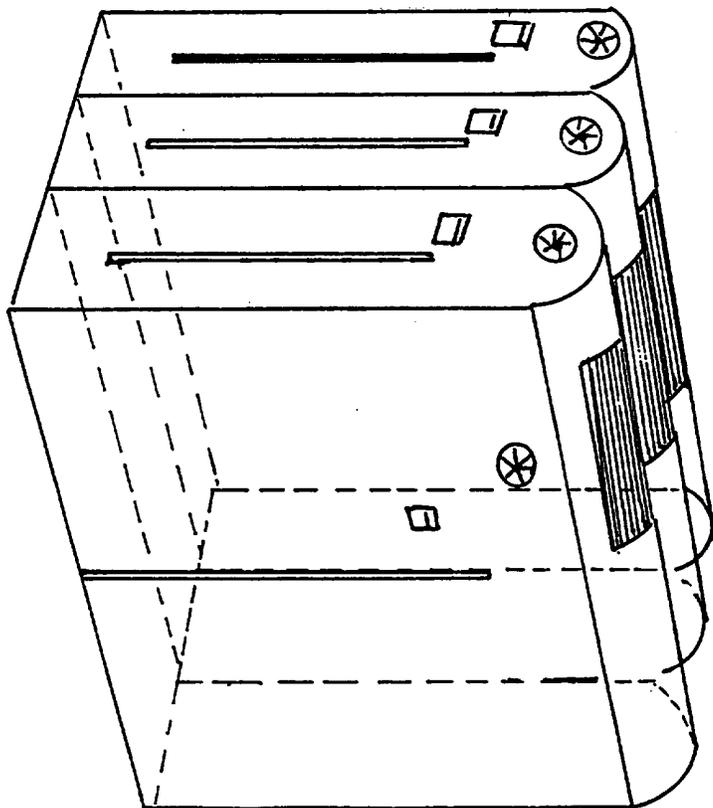


FIG 11

DESCRIPTION

A Minidom is a Temporary/Emergency living space, which is disassembled, and reassembled, as a Trolley, and case, for mobility.

A minidom is a mobile living space as shown in Fig 1 in its constructed form

Fig 1/A is a skylight, Fig 1/B is a canopy, Fig 1/C, and 1/D, are entrances, Fig 1/E is the body of the trolley, which unfolds to form the base of the sleeping area, and when folded makes a seat, washing facility, and a toilet. Fig 1/F is a water container with tap Fig 1/G is a ground sheet which also doubles as a bag, Fig 1/H, and 1/I, are air-vents, Fig 1/J are heavy duty straps, Fig 1/K are eyelets for fastening, Fig 1/L are pockets, Fig 1/M is a pocket for name or messages, Fig 1/N is a tubular frame.

Fig 2 shows the component parts of the canopy, Fig 1/B as described in Fig 1, which is laid on frame (Fig 1/N Fig 4), and secured to ground sheet (Fig 1/G Fig 6), which is then secured to ground, or a fixed structure by eyelets Fig 1/K or heavy duty straps, Fig 1/J.

Fig 3 shows the trolley in a constructed form. Fig 3/A is the body of the trolley, Fig 3/B shows a detachable water container with tap, Fig 3/C, and Fig 3/E, shows disassembled frame Fig 1/N which is used to form part of the trolley. Fig 3/F is a hinged lid which when raised in position as shown in Fig 3 will hold detachable water container Fig 1/F or doubles as seat when lowered. Fig 3/G is a recess for container shown in Fig 9 with lid Fig 8 this container is used as wash basin, or toilet facility which may contain disposable liners.

Fig 4 Shows constructed frame which canopy (Fig 1/B Fig 2) is laid over. The frame made of lightweight tubular sections is disassembled to form part of trolley (Fig 1/E Fig 3).

Fig 5 shows trolley (Fig 1/E Fig 3) in an open position. The trolley can be opened inside the canopy (Fig 1/B Fig 2) and inside the ground sheet (Fig 1/G Fig 6), this will extend sleeping area, and provide increased ground insulation. Sections A, B, C, of Fig 5 will be hinged and have fasteners to hold it in each of its positions.

DESCRIPTION cont,

Fig 6 shown also as (Fig 1/G Fig 6/A) is a ground sheet which is opened and laid inside of canopy (Fig 1/B Fig 2), and fastened by eyelets Fig 6/E. The ground sheet folds up to make a waterproof bag, by means of fasteners Fig 6/B which also has an handel Fig 6/C. This bag can then be placed inside of the trolley as part of its storage, or may be placed on the lid of the constructed trolley, Fig 3.

Fig 7 is a detachable water contianer with tap which will attach to the outside of trolley when being transported, or within. It can also be attached to lid of trolley as shown in Fig 1/F, or placed in a pocket Fig 1/L, or to the constructed frame (Fig 1/N Fig 4).

Fig 8 is a sealable lid to attach to contianer shown in Fig 9, it may also be used to cover recess in trolley in the open position shown in Fig 5/B to add insulation to the base.

Fig 9 is a contianer with sealable lid Fig 8, which locates into recess shown in (Fig 1 Fig 3/G), it can be used as a storage box, or as a wash basin, or as a toilet. It may have disposeable liners for hygiene.

Fig 10 is an arieal view of connected minidoms. Minidoms can be connected in various configurations and in any number. This will increace their stability

Fig 11 shows a side view of three connected minidoms.

CLAIMS

A minidom provides basic living amenities, ie a shelter, sleeping area, standing room, seat, washing facility, toilet, and storage for personal possessions, in its constructed form as in Fig 1, and reassembles using its constituent parts into a hand driven trolley, and bag, which allows for storage of personal possessions. as in Fig 3.



4

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Claims searched: 1

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Patents Act 1977
Search Report under Section 17

Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:
UK CI (Ed.O): E1D (DCJ, DF135, DF196, DGS) B7B (BHF, BTC, BTX2)
Int CI (Ed.6): B60P, B62B, E04H
Other: On-line database - Derwent W.P.I

Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
A	GB 2191738 A Stevenson	
X	GB 2134942 A Smith	1
X	GB 498162 Tew	1
A	GB 351798 Abbott	
X	GB 300752 Blackburn Aeroplane & Motor Co. (note line 60 of the Complete Specification for reference to hand propulsion)	1

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.