

ATTACHMENT TO PF 1

DESCRIPTION OF A NEW COMPONENT - RAISEABLE COVER/TABLE - TO
MODULAR FURNITURE (SYSTEMIND PLATFORM) ARRANGEMENTDate: 25 Sept 2001

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SUMMARY

A boxed article of furniture having an inner space for storage purposes, a removeable cover with legs that can serve as a table top in an operative position, and an inoperative position in which the cover/table is inserted into the interior of the box to form a compact and substantially peripherally closed unit.

DESCRIPTION

See Figure 1.

This invention is a module of Systemind Platform. Systemind Platform comprises of sleek-fitting modular platform boxes for small homes and offices. These can be configured differently for various purposes, such as a raised platform, bed, table, bench, step, etc, while providing neat storage boxes. The top cover of a normal Systemind Platform is hinged on one side, can be lifted easily, and stays open until the user has placed or retrieved the items inside. This top cover is made of parquet, tiles or any materials that can blend with the interior design.

The configuration of similar height modules provides a level surface. The modules of varying size can be connected together to form different combinations of functional furniture.

See Figure 2.

This invention extends the Systemind Platform configuration by providing a raiseable table as one of its module options.

The cover/table can be raised manually with the aid of suction cups or retractable knobs, and hinged into an open operative position for use as a table. When no longer required to serve as a table, the cover/table will be lowered into the Systemind Platform. This results in a flushed, level surface with the other components of Systemind Platform. The cover/table can be made distinguishable or indistinguishable from other Systemind Platform modular components as desired.

See Figure 3.

This shows the invention by itself. The top surface is meant to provide a level flushed surface. The cover/table legs fit neatly into the inner space of the box.

See Figure 4.

This shows the operation of the cover/table. To put the cover/table in its operative position, it is first vertically raised till the legs are clear of the box. The cover/table is then rotated 90 degrees (either clockwise or anti-clockwise). It is then lowered onto the ledges at the four inner corners of the box. Thus firmly seated, it can be used as a table for writing, dining or other activities requiring a raised surface. Further, a person can sit on the lower height closed covers of the adjoining modules/boxes (all four sides) and slip his/her legs into the inner vacant space of the invention. This gives a comfortable seated position.

See Figure 5.

This shows the cover/table in its operative position, with its legs on the inner ledges of the invention.

See Figure 6.

This shows the various views of the invention. Elevation C shows the front view of the invention (in first angle projection). Section A-A shows how the cover/table is raised and lowered into its inoperative position. Section B-B shows the raised cover/table in its operative position.