

Innovative aspects in furniture and secret rooms

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Summary:

Each of us has his own things that he wants to put in a place that no one else can reach, and sometimes we have the desire to be alone, away from the hustle and bustle of the world; Therefore, many resorts to designing secret rooms at home or at work, whether to relax or to quietly contemplate problems or even to sit inside to get more entertainment and enjoy privacy, these secret rooms are hidden in many creative and innovative ways. If we have valuable collections or rare important manuscripts, we need secret drawers and hidden places in the furniture in an innovative way as well. In interior design, concealed storage places are sometimes used for aesthetic purposes in order to hide some design flaws within the architectural spaces.

Modern technology has helped innovate many ways and methods to design the entrances to these secret rooms, secure them, and develop design solutions to hide some storage places inside the various pieces of furniture. We need such studies to meet some challenges in light of the third millennium. Therefore, the idea of the research came to focus on and highlight these aspects and innovative design solutions.

Throughout the history of mankind, the idea of secret rooms and hidden storage places has always been attractive and interesting, and its spread has spread throughout the various stages of history. Such rooms and corridors existed in ancient times as homes of leaders, influential and rich people. Reasons for their design have varied from being safe, to face emergency conditions, or resorting to them in case of danger and so on. Perhaps the most important of them is what was discovered in ancient civilizations, such as the Pharaonic civilization, and to this day we still discover many secret rooms behind the walls, and there are some of them that played an important role in history, and the world is still discovering, day after day, many secret rooms and doors that have been closed for many centuries.

key words:

Secret rooms; Secret furniture; Innovative aspects; Design solutions; Secret doors

Research problem:

We all have secrets... when the idea of furniture and secret rooms comes to our mind, this does not mean that only important documents and holdings are kept safely... But life challenges and design requirements have emerged to reality... it is now necessary to reveal innovative and creative solutions for hidden furniture and hidden rooms in interior design in preparation for emergency situations, or to create a safe space for residents and collectibles within the interior space. New technologies have helped a lot in inventing many different ways and methods to design entrances of secret rooms and to put design solutions to hide some storage places inside

the various pieces of furniture... It is an important and inspiring design and architectural addition...

Research Importance:

1. To highlight the multiple functional and aesthetic values of the secret furniture and rooms.
2. Updating the design vision towards the hidden spaces with the growth of the functional and psychological needs of the modern human.

Research Goal:

1. Revealing types of innovative design tricks to hide and integrate secret voids within interior design and furniture.
2. Access to how to create safe spaces within the space to secure the comfort of the residents and their valuable and important possessions.
3. Maximizing the use of the available interior spaces for privacy purposes or to hide defects within the design.

Research Hypotheses:

The presence of furniture or secret rooms does not always mean that there is some concern in the place; Rather, they are creative spaces that meet some of the various functional needs and add a kind of privacy, security and fun to the occupants of the place.

1- A brief history of the furniture and secret rooms:

1-1- A brief history of the secret rooms:

Secret rooms appeared throughout history. They existed for thousands of years in the tombs of the ancient Egyptians, which had secret doors and rooms to thwart thieves who were always trying to steal the wealth of kings. They were also found in medieval castles and the homes of leaders, wealthy and influential people, and there are rooms that played an important role in history. At the beginning of the twentieth century, the emergence of secret rooms spread during the period of prohibition of alcoholic beverages in the United States of America, and then eventually turned into safe rooms to keep families or collectibles safe from potential criminals ... and the world still discovers secret rooms which has been closed for centuries...

1-2- A brief history of the secret furniture:

Before the days of banks and deposit boxes, people often kept cash and valuables stashed inside the house. So, before the beginning of the nineteenth century, furniture was made with secret compartments and drawers, ideal for storing things that might be targeted by petty thieves or prying eyes; From the late sixteenth century until the seventeenth century Italian cabinet makers were famous for making this type of multi-purpose furniture, which reached the furniture makers in England and the Americans by the eighteenth century... These pieces of furniture indicated the wealth of the homeowner.

2- Reasons for resorting to secret furniture and rooms:

Designers have many reasons to design some innovative tricks to hide interior spaces, including:

- The need for some privacy and security.
- Storing valuables and important items such as: cash - jewelry - important papers and documents - emergency supplies - souvenirs, photos ... and others.
- Protecting children from tampering with dangerous materials.
- Optimizing the use of interior and neglected spaces and integrating them into the design.
- To meditate, calm, and add a spirit of adventure and fun.

3- Psychological and philosophical dimensions of furniture and secret rooms:









4- Design methods:

The value of the building and furniture that includes secret spaces increases, there are several requirements that must be taken into designing, such as: (Fitting - Choosing the right location – designing Camouflage).

4-1- Secret Rooms:

Secret rooms are only discovered by the owners of the place, and the doors of these rooms are camouflaged to appear as part of the interior design with the use of invisible hinges and a simple door latch to secure it. These rooms are often used to hide the dressing room, storage room, personal office, home cinema rooms... and others.





Hidden rooms behind walls			
Wooden cladding			
			
			
Stone cladding			
			
			

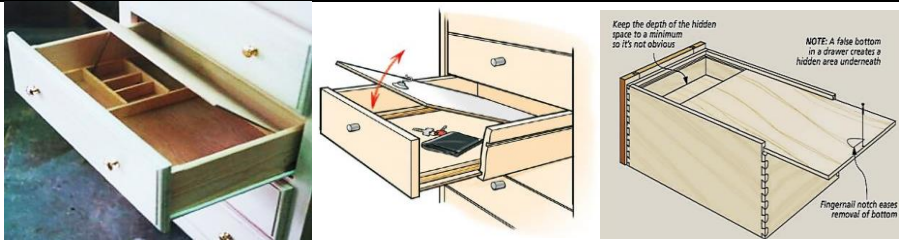
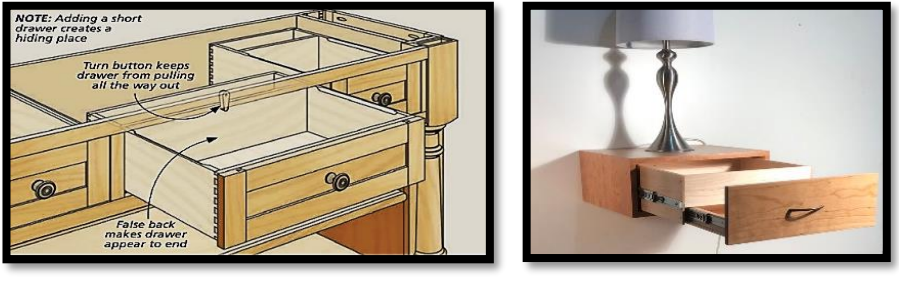
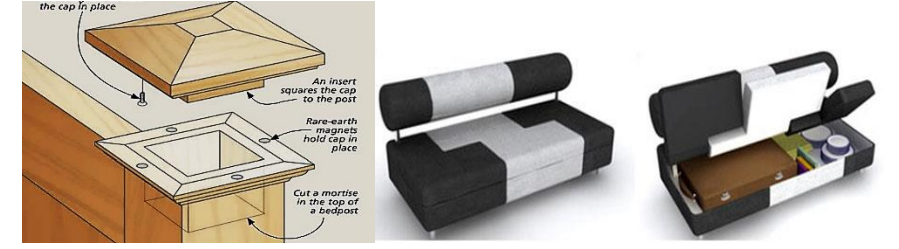
<p>Wall painting</p>	
<p>Interior Design accessories</p> <p>Tableau – Mirrors...</p>	
<p>Rooms hidden under the floors (basements)</p>	
<p>Down the stairs</p>	
<p>Under Flooring</p>	
<p>rooms hidden behind pieces of furniture</p>	
<p>Bookcase</p>	

Other furniture	
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4-2- Secret Furniture:

Hidden furniture is a wonderful combination of art and engineering...because pieces of furniture that contain places or hidden spaces have more attractiveness and high value. This furniture depends on the designer's creative ability to create new combinations of concealment while designing furniture pieces.

Secret Furniture inside interior design elements	
Hidden furniture built into the walls	
Hidden furniture built into the floor	
Hidden furniture built into the ceiling	
Furniture with hidden storage places	
Hide the secret tray in the bottom or higher	

<p>Confidential areas down drawers</p>	
<p>Short drawers</p>	
<p>Dead areas in furniture</p>	

We can say that secret furniture and rooms have a charm and attraction that can not be denied....

Results:

- Secret furniture and rooms are safe creative spaces that give people many varied functional needs in the space.
- Secret furniture and rooms can save the important and expensive things.

Recommendations:

- The need of studies on design tricks to hide internal spaces as part of the emergency plan.
- Hidden spaces in design should be integrated into innovative ways and optimal utilization of the internal space.

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