

## Support Structure of a Chair

**This innovative single-seat chair design offers both structural integrity and contemporary style, providing a unique combination of comfort and modern aesthetics protected by a US Design patent.**

Introducing a sleek and unique looking chair which maintains weight-bearing capabilities and comfort. The innovative chair will provide surprising comfort while simultaneously providing a more modern and interesting look to any room.

Researchers at Purdue University have developed a novel, contemporary design for a single seat chair. Many chairs are considered either comfortable or stylish, but rarely both. Residents and guests will enjoy the comfort of the unique support structure as much as they enjoy the stylish design of the chair. The design is protected by a US Design patent.

### **Advantages:**

- Sleek look while maintaining structural integrity
- Contemporary design

### **Potential Applications:**

- Materials
- Furniture Industry

**TRL:** 8

### **Intellectual Property:**

Design Patent, 2001-09-28, United States

**Keywords:** contemporary chair design, comfortable stylish furniture, sleek furniture structural integrity, Purdue University chair design, US design patent chair, innovative single seat chair, modern seating solutions, furniture industry technology, novel chair support structure, weight-bearing comfort chair, Furniture, Mechanical Engineering

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### **Technology ID**

61123

### **Category**

Chemicals & Advanced  
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Nanotechnology/Advanced  
Functional Materials  
Chemicals & Advanced  
Materials/Materials Processing &  
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