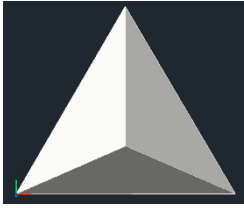


# PATENTS AND TRADEMARKS



**Array of returner devices to reflect sound back in the incident direction**

March 10, 2020, No. 10,586,525



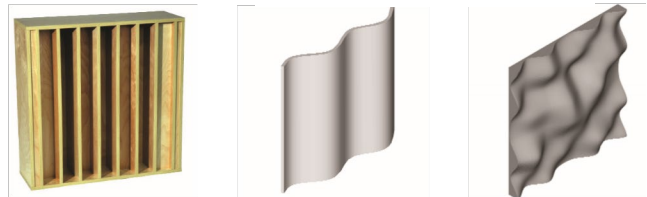
**Combined diffuser-absorber with spaced slats**

November 26, 2019  
No. 10,490,179



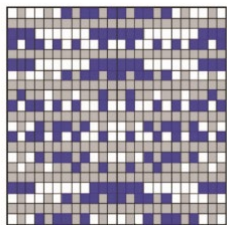
**Lumaphon®**

March 3, 2015, Patent No. US8,967,823  
Combination Light Diffuser and Acoustical Treatment and Listening Room Including Such Fixtures



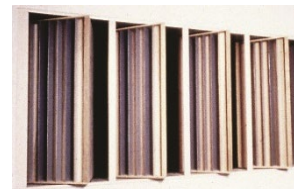
**Modffusor™, Waveform® Spline™, Waveform® Bicubic™:**

August 10, 2004, No. 6,772,859  
Embodiments of Aperiodic Tiling of a Single Asymmetric Diffusive Base Shape.



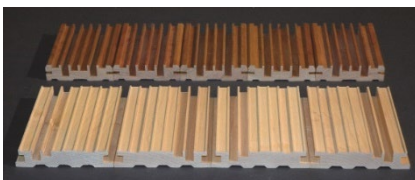
**Hybrid Amplitude-Phase Grating Diffusers**

September 30, 2008: No. 7, 428, 948 B2



**Motorized Triffusor®:**

August 13, 2002: No. 6,431,312 B1  
Motorized and Computer Operated Variable Acoustics Treatment



**FlutterFree®\_T:**

Extended Bandwidth Folded Well Diffusor  
January 29, 2008: No. US 7,322,441 B2



**Curved BAD™ Panel and DigiWave™:**

September 5, 2000: No. 6, 112, 852  
Acoustical Treatments with Diffusive and Absorptive Properties and Process of Design



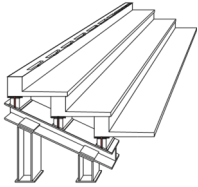
**BAD™ Panel:**

October 6, 1998: No. 5,817,992  
Planar binary amplitude diffusor



**DiffusorBlox®:**

March 7, 1995: 2, 027, 658; July 13, 1993: No. 5,226,267; March 16, 1993: 5,193,318; July 2, 1991: 5,027,920; October 23, 1990: 4,964,486  
Acoustical diffusing and absorbing cinder blocks



**SilentSteps™:**

August 4, 1998: No. 5,787,656  
Acoustical seating risers for indoor arenas



**ProFoam®:**

September 9, 1997: No. 5,665,943  
Nestable sound absorbing foam with reduced area of attachment



**VAMPS®:**

December 1, 1992: No.5,168,129  
Variable acoustics modular performance shell



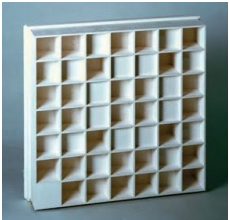
**Skyline®:**

March 28, 1995: No. 5,401,921  
Two-dimensional primitive root diffusor



**Diffractal®:**

March 7, 1995: No. 2, 027, 658; July 2, 1991: No. 5,027,920; October 23, 1990: No. 4,964,486  
Broad Bandwidth Nested Diffusor



**Omniffusor™:**

March 20, 1990, No. D306,764  
Acoustical baffle



**Abffusor®**

April 18, 1989: No.  
4,821,839 Sound  
absorbing diffusor



**QRD®:**

August 25, 1987: No.  
D291,601 Acoustical baffle

**Registered Trademarks**

Abffusor®; AcousticTools®;  
Clearsorber®, Diffractal® &  
Diffractal with Logo®;  
DiffusorBlox®, FlutterFree®;  
Lumaphon®, Perfecto®,  
QRD®; Room Optimizer®;  
RPG®; RPG Plus Logo® US  
and UK; Skyline®;  
SoundTrac®; Triffusor®;  
VAMPS®; Waveform®

**Trademarks**

Abflector™; BAD™; Bicubic™,  
Biradial™, Dado™,  
DigiWave™; Expo™, Modex™;  
Modulo™, Monoradial™,  
Omniffusor™; OptiCurve™;  
ProCorner™; ProFoam™;  
RFZ™; Shapes™, Shape  
Optimizer™, SilentSteps™;  
Spline™, StudioInABox™;  
Ternary™, VDAC™,  
Returner™, Slatffusor™

