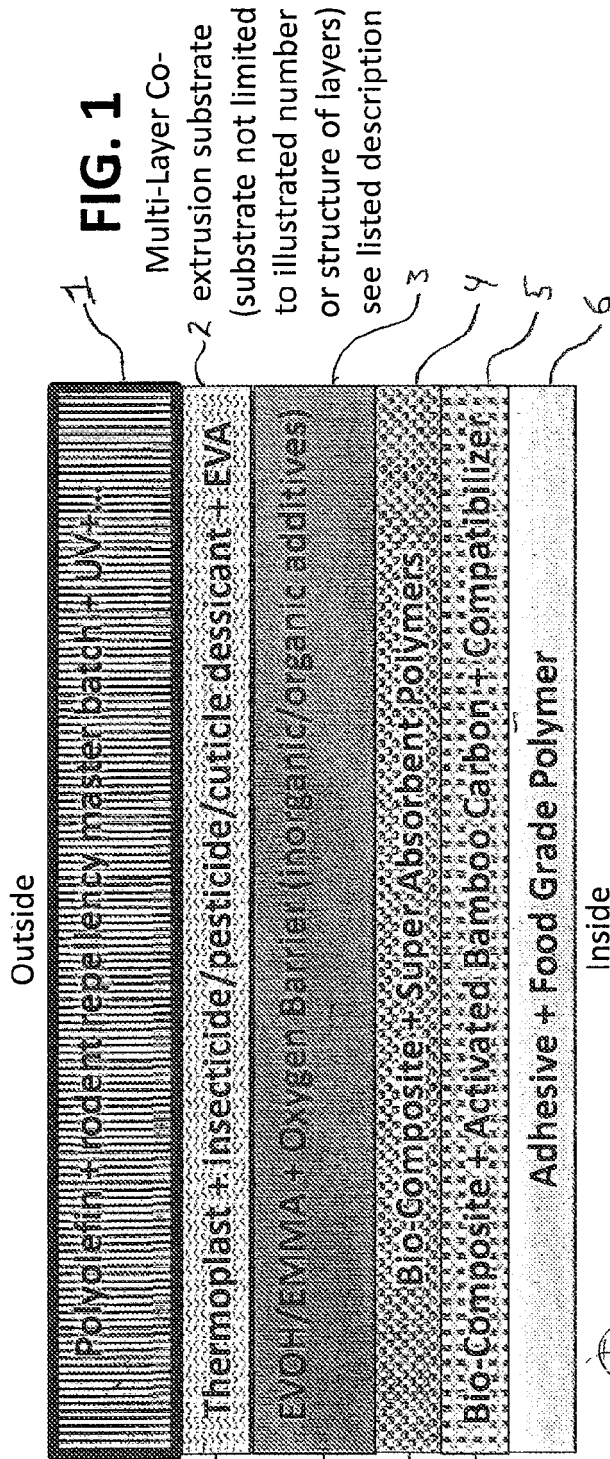
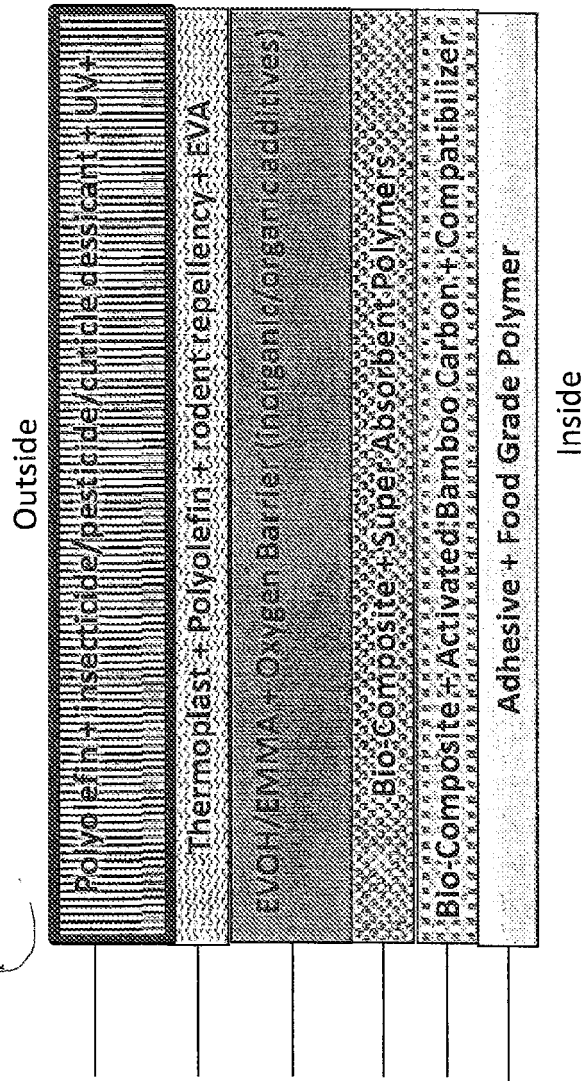


Co-Ex: Cross Section View

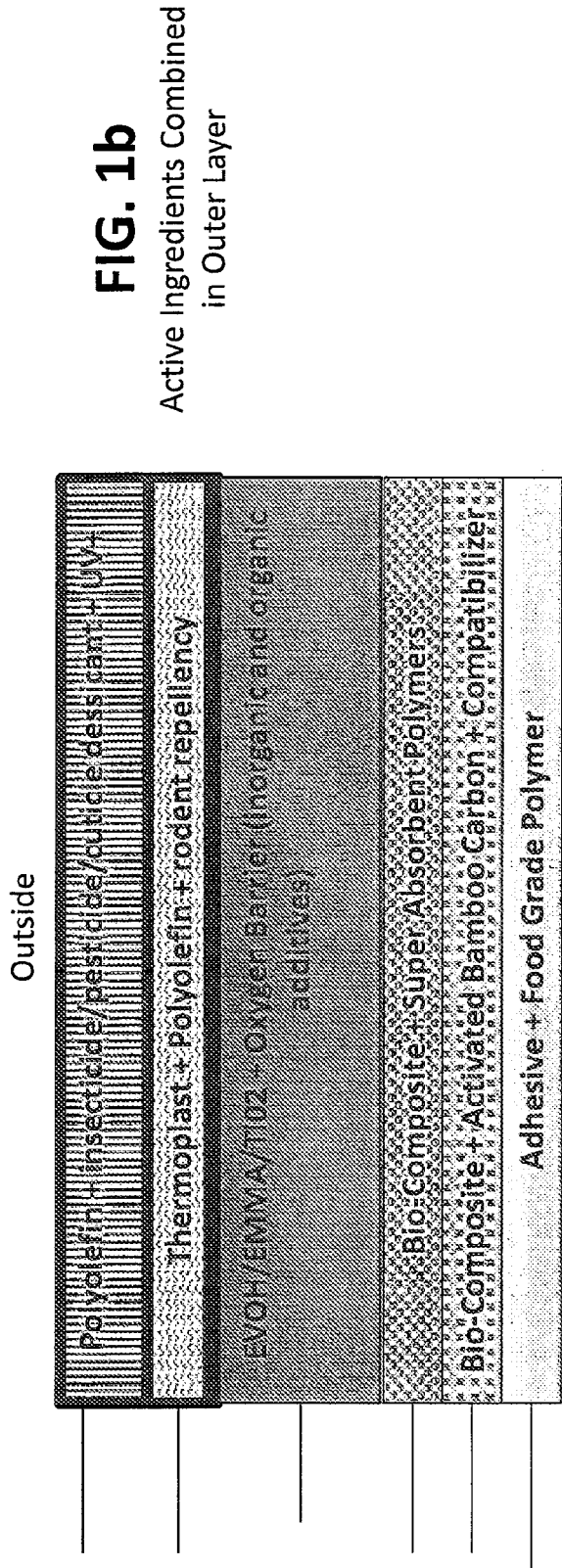
*mechanism of bonding per substrate 1.*



**FIG. 1a**  
Active Ingredient + plasticizer  
Interchangeability  
Of raw materials and function on Outer Layers



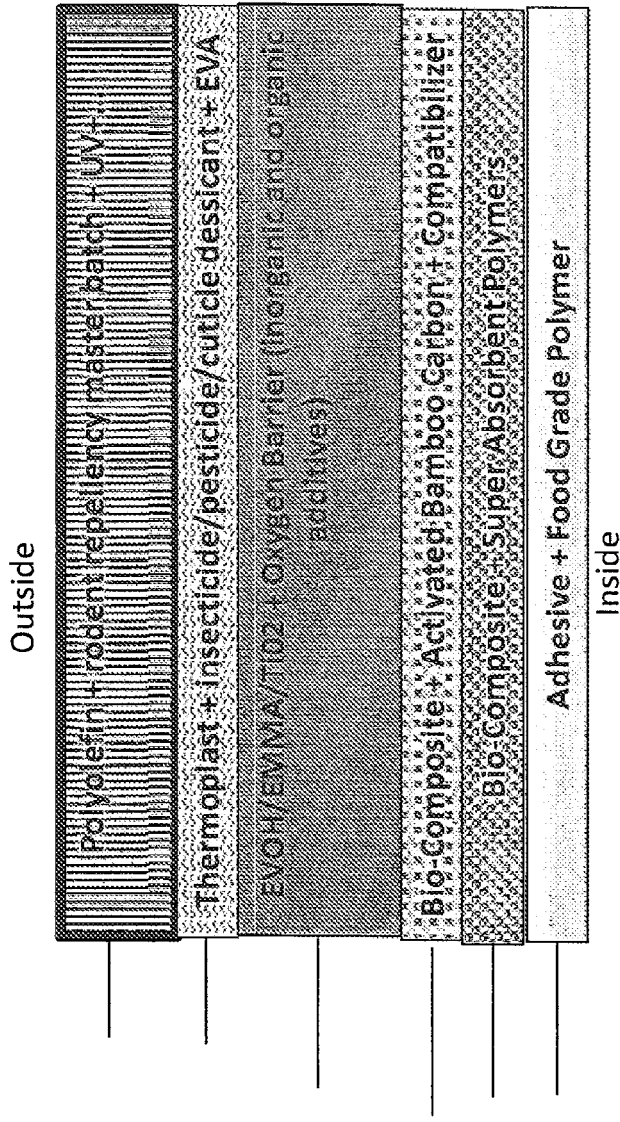
Co-Ex



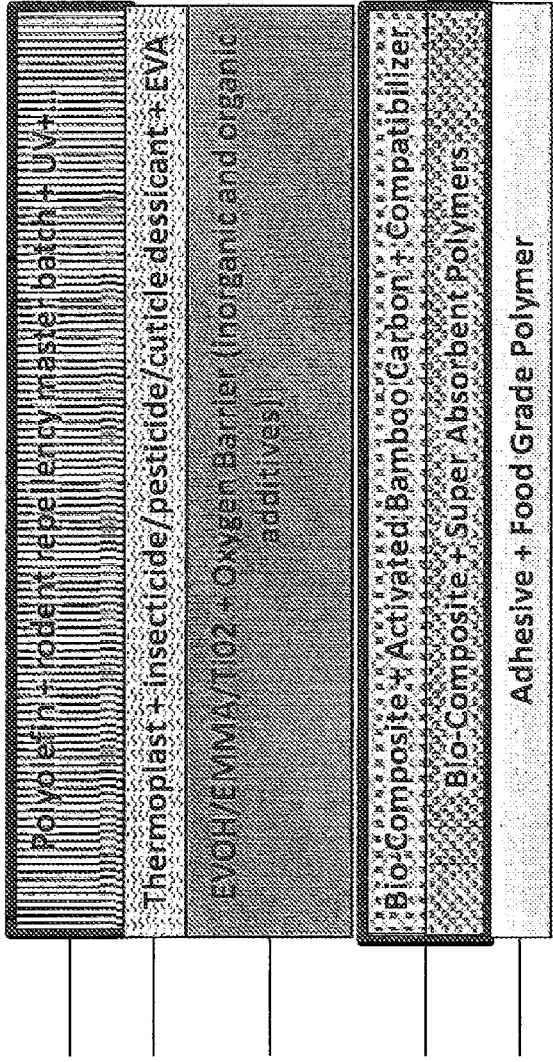
**FIG. 1C**

-Outer Layer: any combination from FIG 1, FIG, 1a, FIG. 1b or any other combination of polyolefins, inclusive of, but not limited to, copolymers, bio-composites, thermoplasts etc. and active ingredients for repellency of various insect pests and rodents

-Bio-Composite absorbency layers are interchangeable

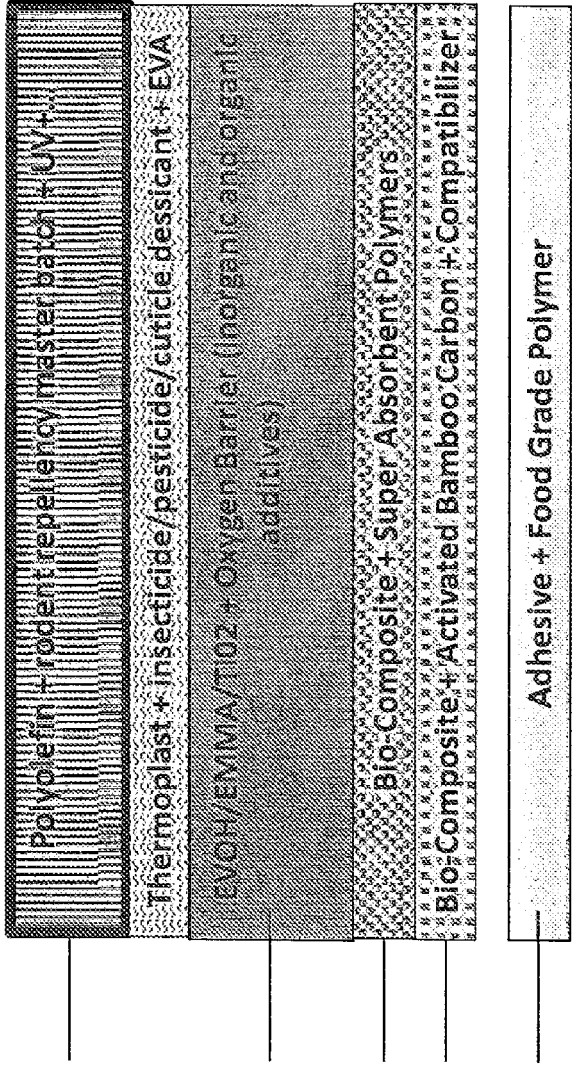


Co-Ex



**FIG. 1d**

- Outer Layers can be any of the previous embodiments
- Bio-Composite Layers combine both Super Absorbent Polymers and Activated Bamboo Carbon

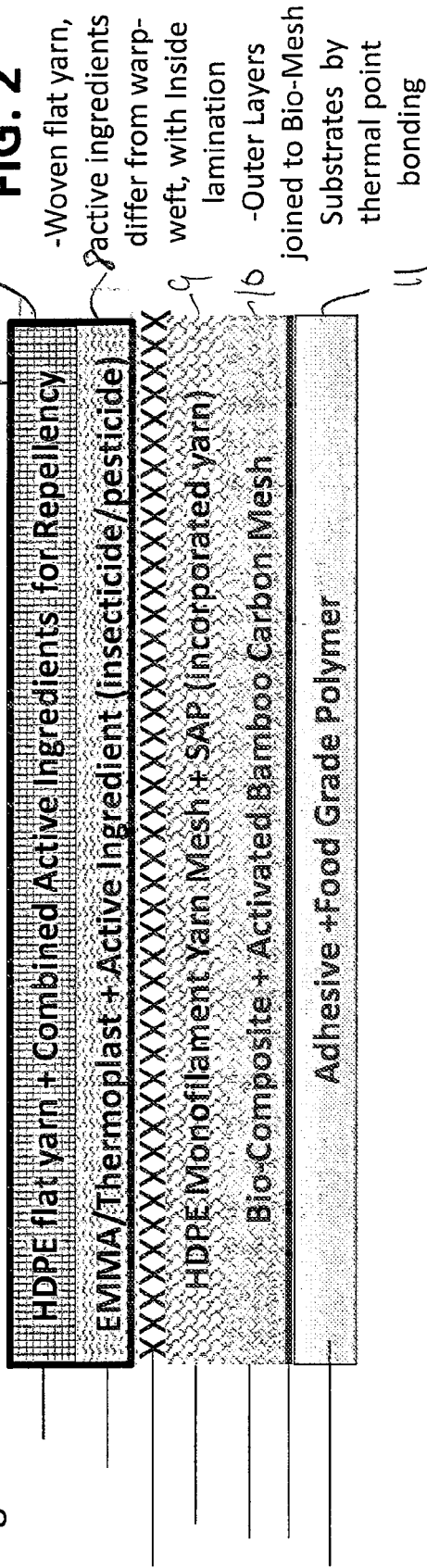


**FIG. 1e**

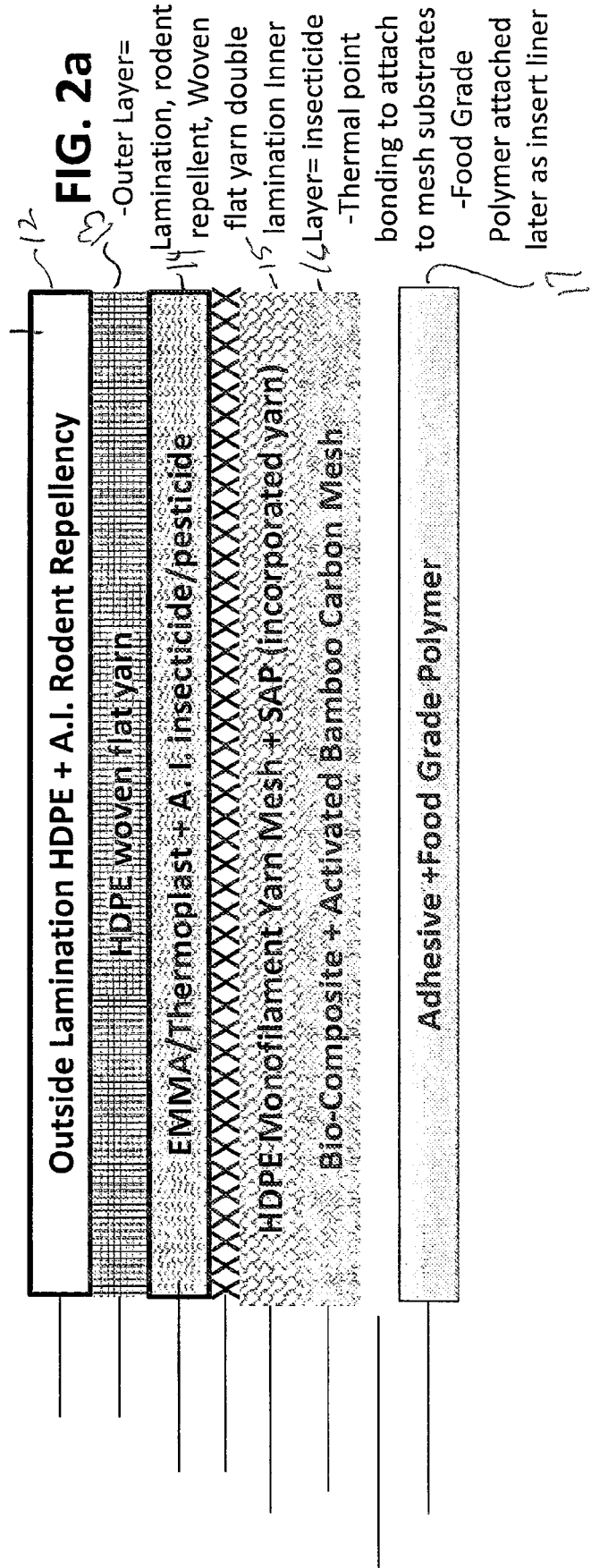
- Outer Layers and Bio-Composite Layers can be either of, but not limited to, the previous embodiments
- Adhesive Food Grade Layer blown separately, liner insert

Weaving, Lamination, Thermal point bonding

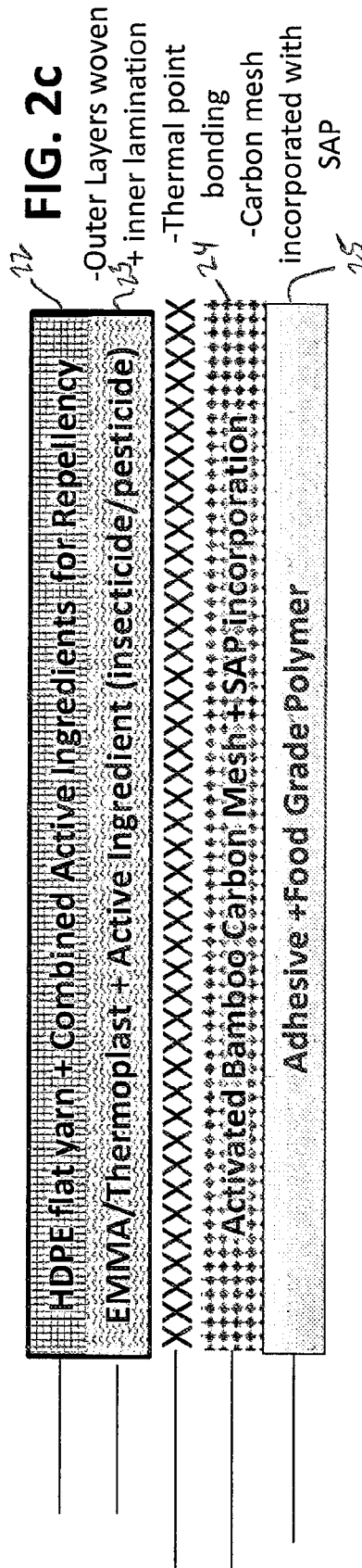
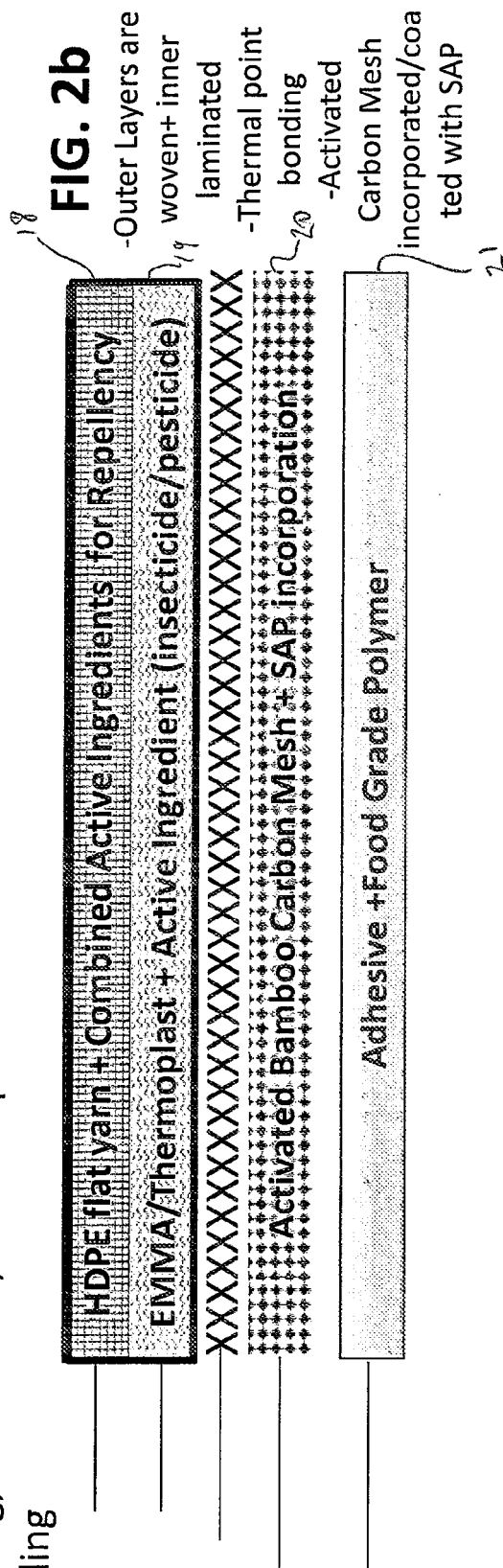
**FIG. 2**



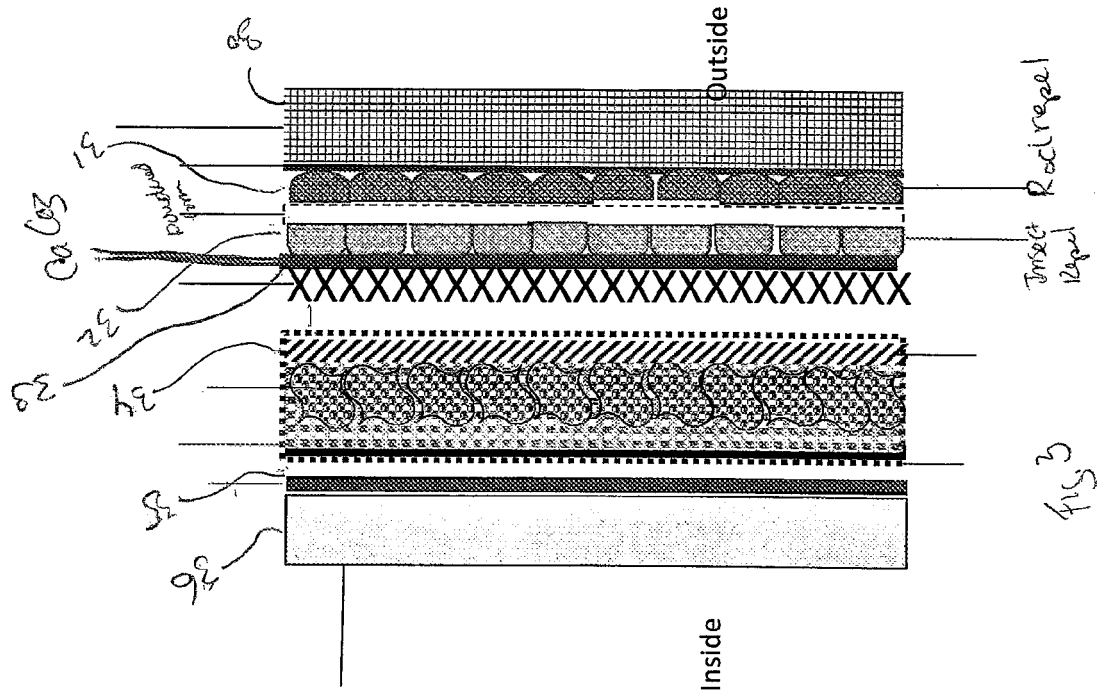
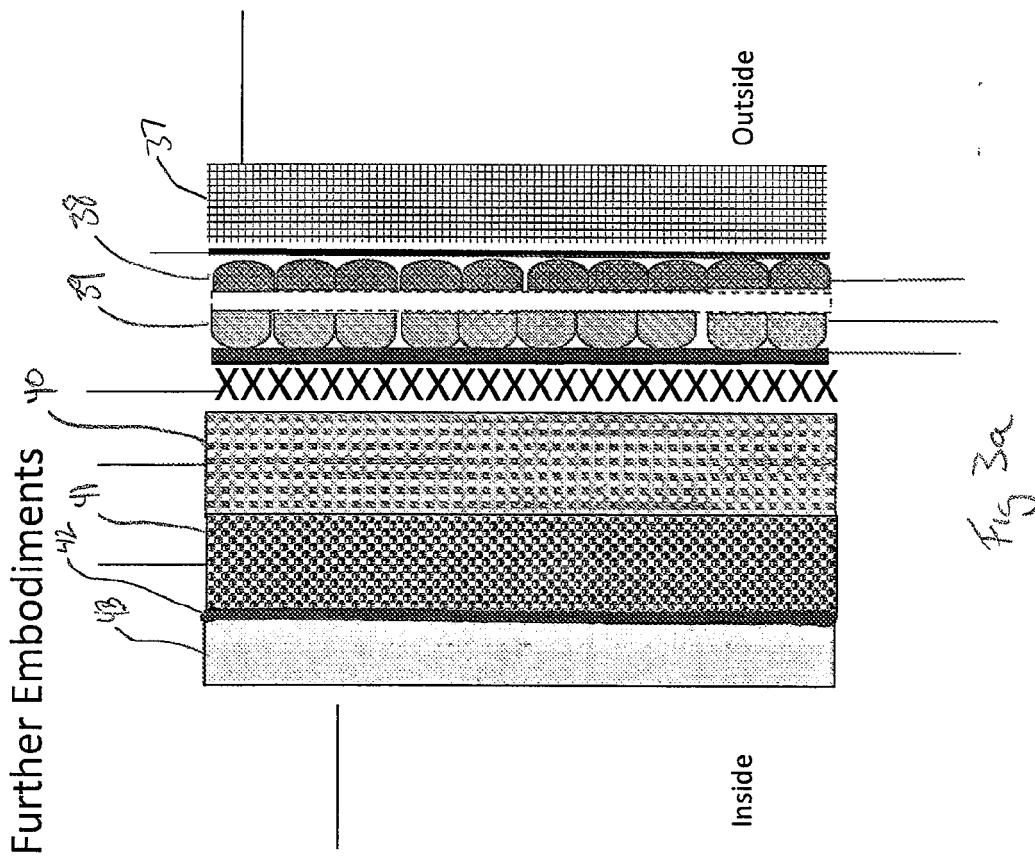
**FIG. 2a**



Weaving, Lamination, Thermal point bonding



# Extended Release Mechanism Through Membrane Vertical View



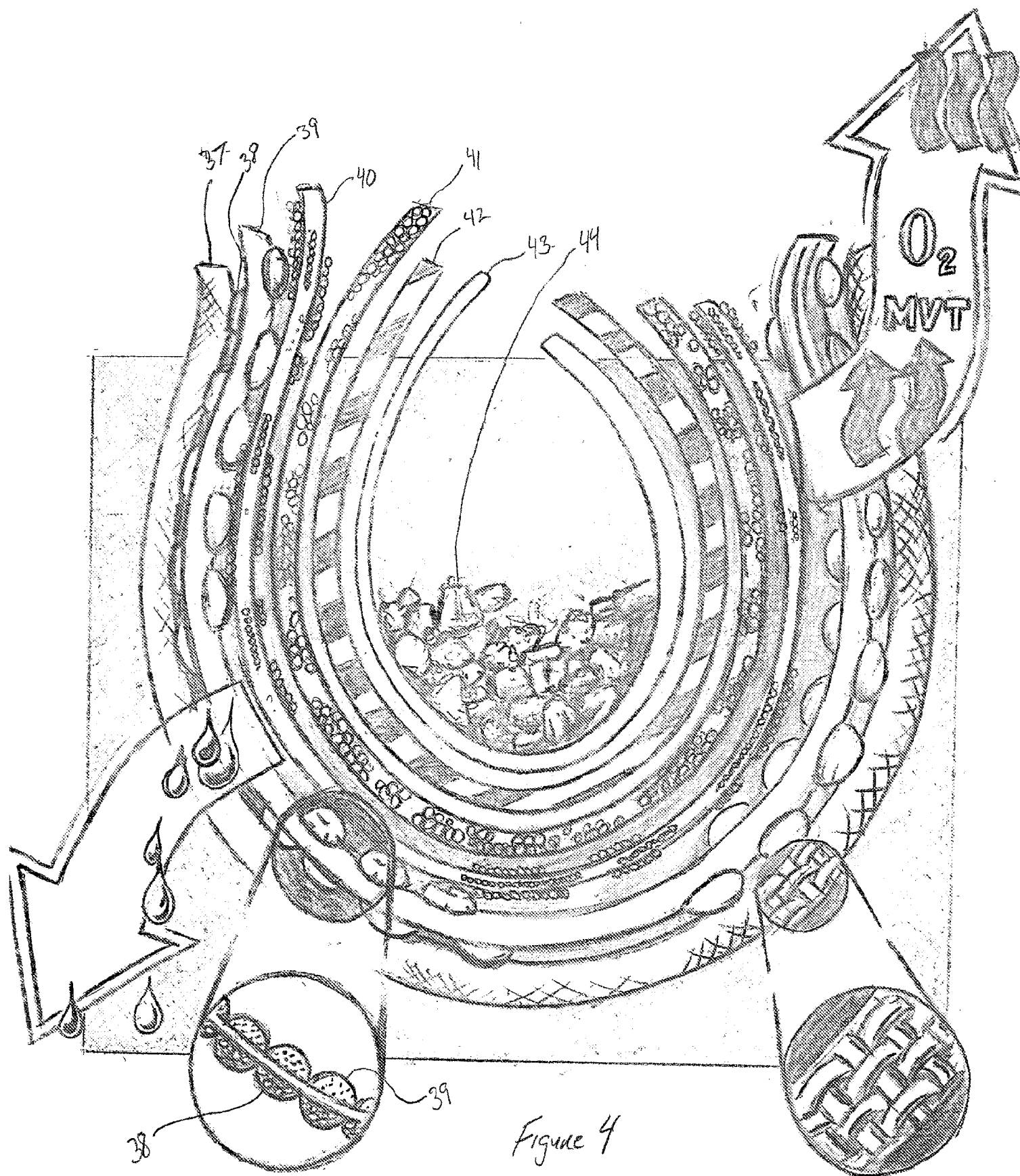


Figure 4

