

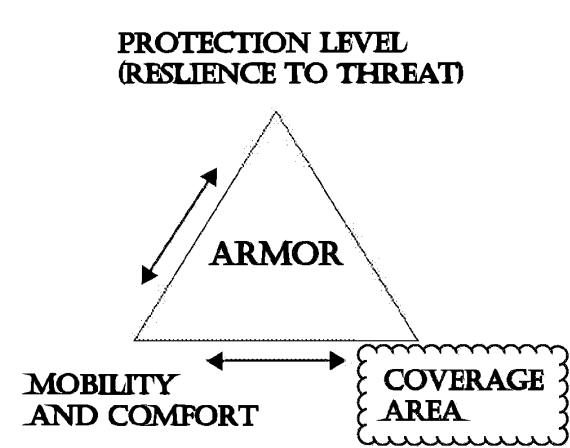


FIG 1

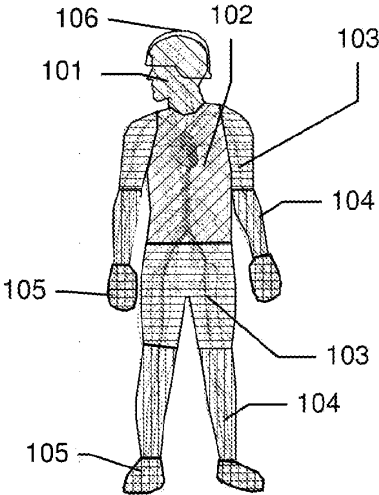


FIG 2

PROTECTION/MOBILITY/COVERAGE AREA	Class 1	Class 2	Class 3 (OR HIGHER)
	LOW(est)	AVERAGE	HIGH(est)
EXAMPLE - TORSO PROTECTION			
PROTECTION LEVEL			
MOBILITY LEVEL			
BODY COVERAGE LEVEL			
EXAMPLE - TORSO AND EXTREMITY PROTECTION			
PROTECTION LEVEL			
MOBILITY LEVEL			
BODY COVERAGE LEVEL			

FIG 3

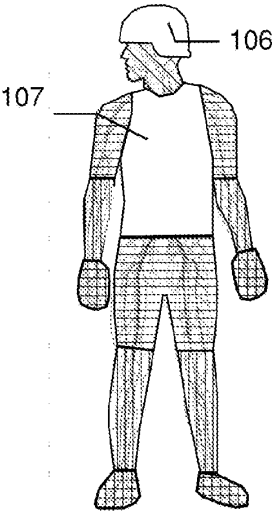


FIG 4

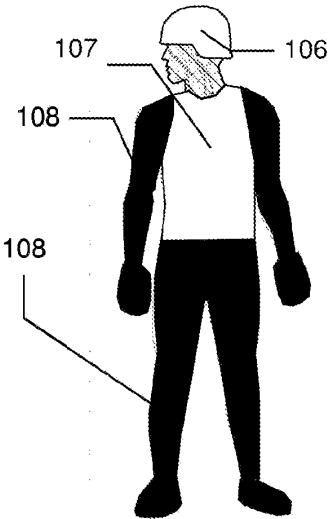


FIG 5

PROTECTION LEVELS			
Protection levels (2 or more)	Class 1	Class 2	Class 3 (or higher)
	LOW(est)	AVERAGE	HIGH(est)
NIJ Ballistic Levels (N/A in existence)	N/A	N/A	N/A
NIJ Stab Levels (N/A in existence)	N/A	N/A	N/A
Protection from threat not classified	Statistical low third	Statistical mid third	Statistical high third
Shark Bite force	Statistical low third	Statistical mid third	Statistical high third
KICKING FORCE / PSI IMPACT FORCE	Statistical low third	Statistical mid third	Statistical high third
Impalement Force (falling on threat)	Statistical low third	Statistical mid third	Statistical high third
AVERAGE WEIGHT PERSON - FALL ON OBJECT (i.e. lb/ft)	Statistical low third	Statistical mid third	Statistical high third

FIG 6

MOBILITY LEVELS	
COMPLETED GARMENT (STEP "F")	
MINIMUM ACTIVITY LEVEL AND DURATION	CLASS1
AVERAGE ACTIVITY LEVEL BETWEEN MIN/MAX	CLASS2
MAXIMUM/COMPETITIVE ACTIVITY LEVEL AND DURATION	CLASS3

FIG 7

BODY SURFACE AREA COVERAGE LEVELS		
PERCENTAGE OF BODY SURFACE AREA COVERED		
HEAD/TORSO (HELMET/VEST) CRITICAL AREA 1	5-30%	CLASS 1
UPPER EXTREMITIES and LOWER TORSO - CRITICAL AREA 2	31-63%	CLASS 2
LOWER EXTREMITIES (HANDS/FEET?) - CRITICAL AREA 3	64% +	CLASS 3

FIG 8

PROTECTION CURRENTLY NOT STANDARDIZED			
Compare to typical clothing or bare skin as Zero			
Values to resist cut/puncture	CLASS1	CLASS 2	CLASS 3
BITE COMPRESSION - RESIST PUNCTURE OR CRUSH	Statistical low third	Statistical mid third	Statistical high third
BLUNT FORCE (I.E. HORSE KICK)	Statistical low third	Statistical mid third	Statistical high third
DAMAGE FROM IMPACT (IMPALEMENT, ABRASION)	Statistical low third	Statistical mid third	Statistical high third
AVERAGE WEIGHT PERSON - FALL ON OBJECT	Statistical low third	Statistical mid third	Statistical high third
FELT FORCE / PSI AT IMPACT INCREASED OR REDUCED	Statistical low third	Statistical mid third	Statistical high third
OTHER NATURAL OR OTHER THREAT NEGATIVE FORCES	Statistical low third	Statistical mid third	Statistical high third

FIG 9

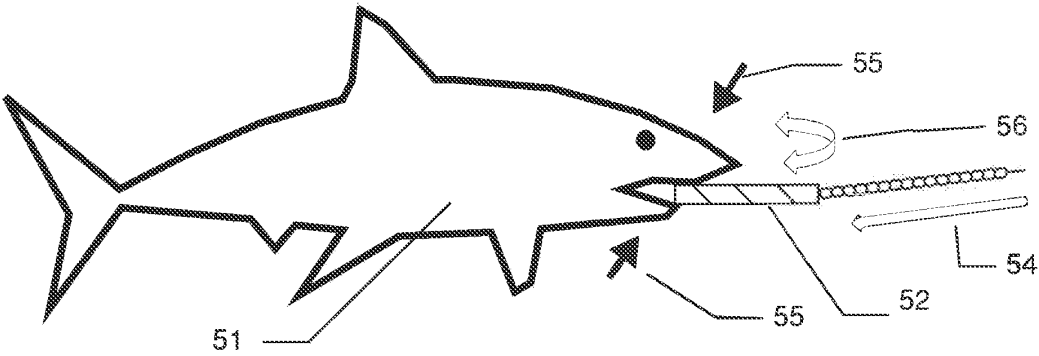


FIG 10

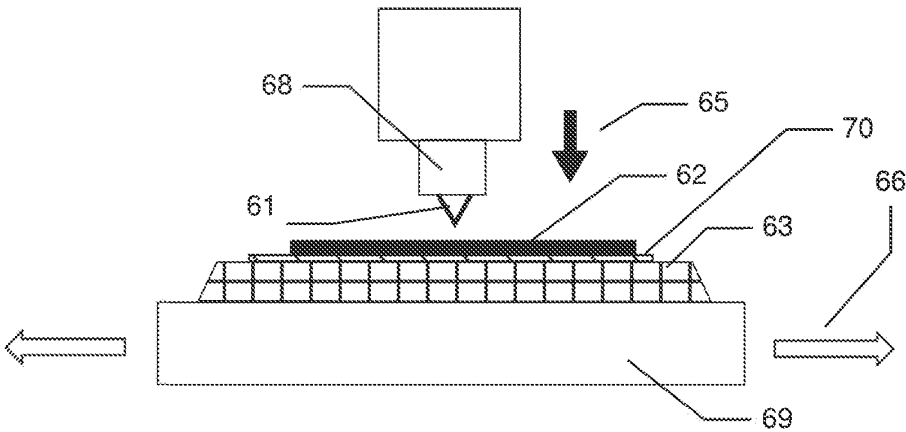


FIG 11

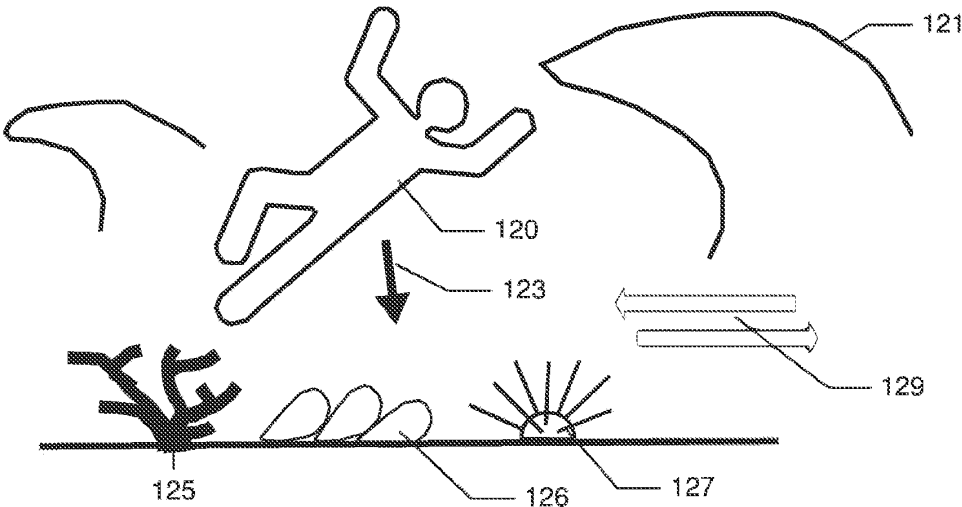


FIG 12

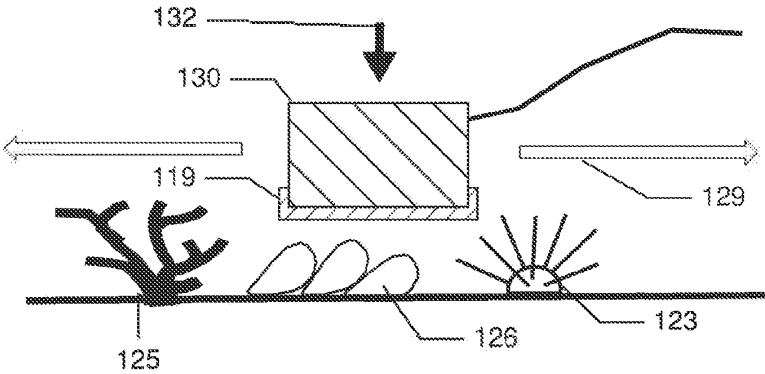


FIG 13

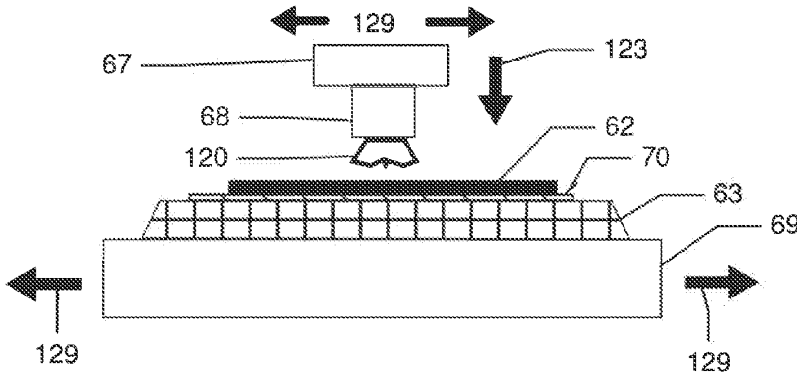


FIG 14

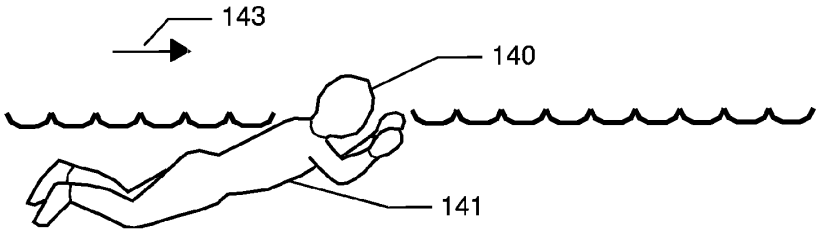


FIG 15

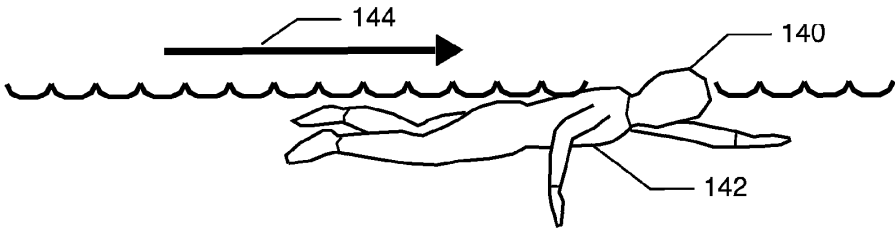


FIG 16

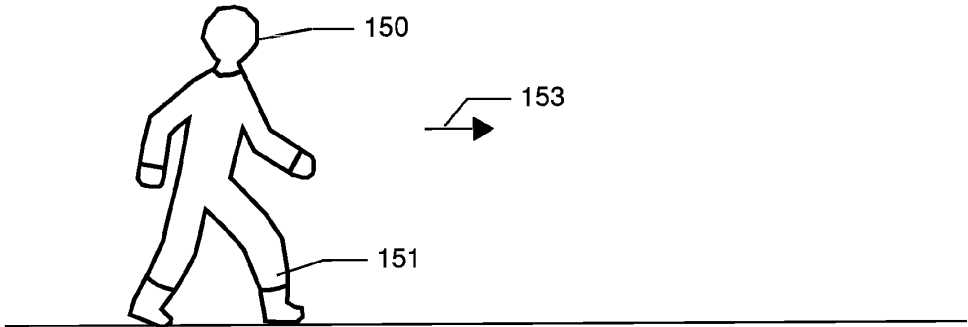


FIG 17

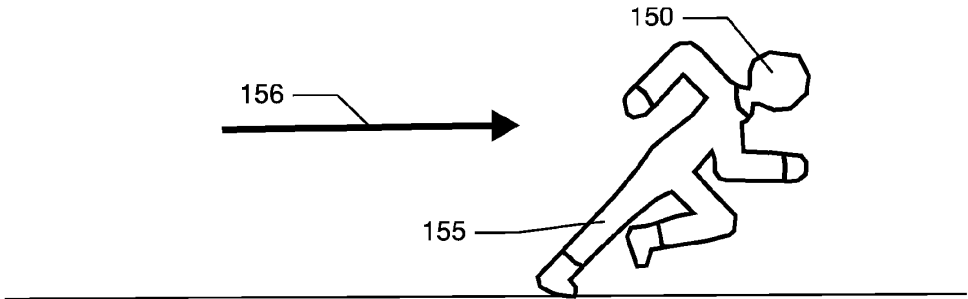


FIG 18

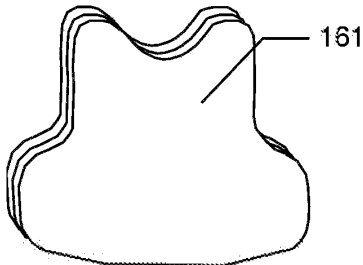


FIG 19

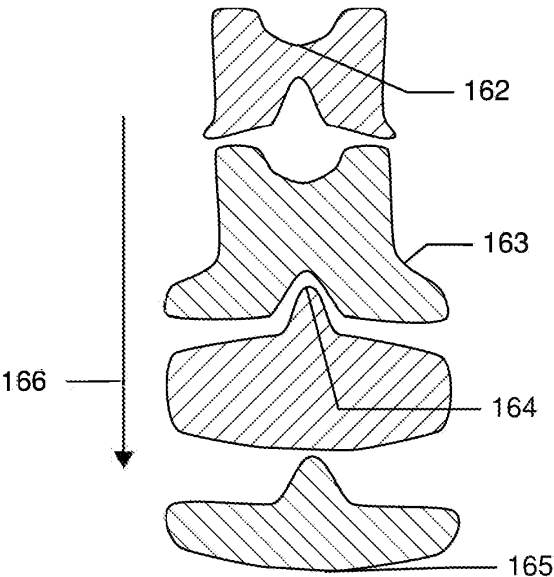


FIG 20

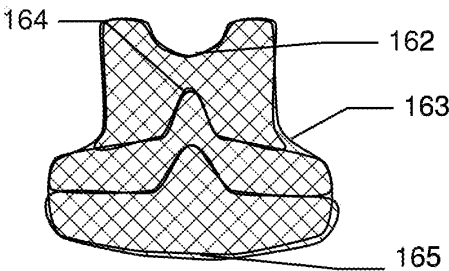
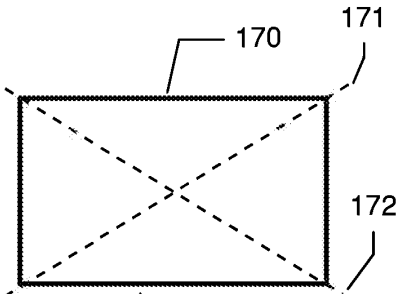


FIG 21



area of
rectangle
1280 sqmm

FIG 22A

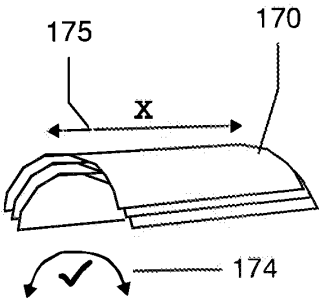


FIG 22B

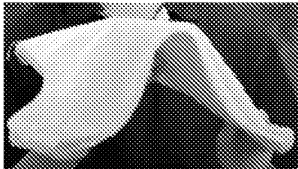


FIG 22C

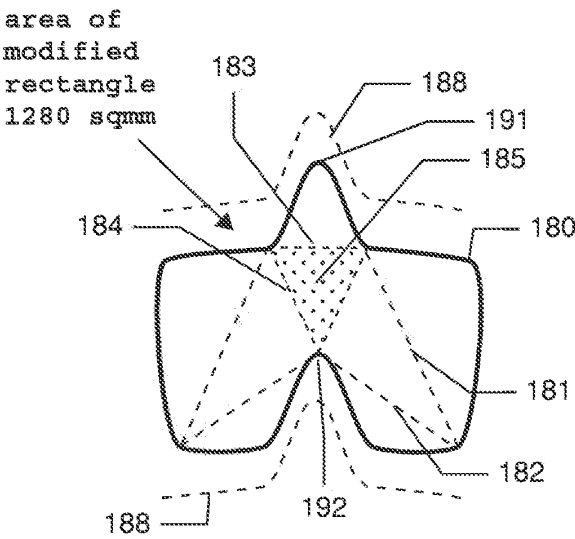


FIG 23A

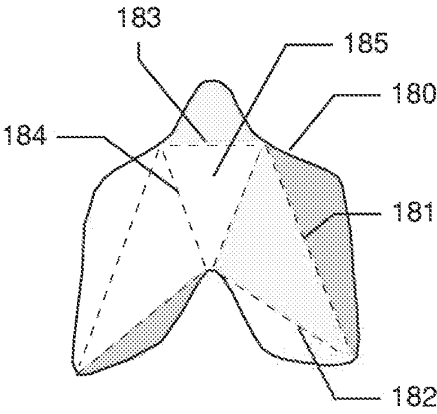


FIG 23B

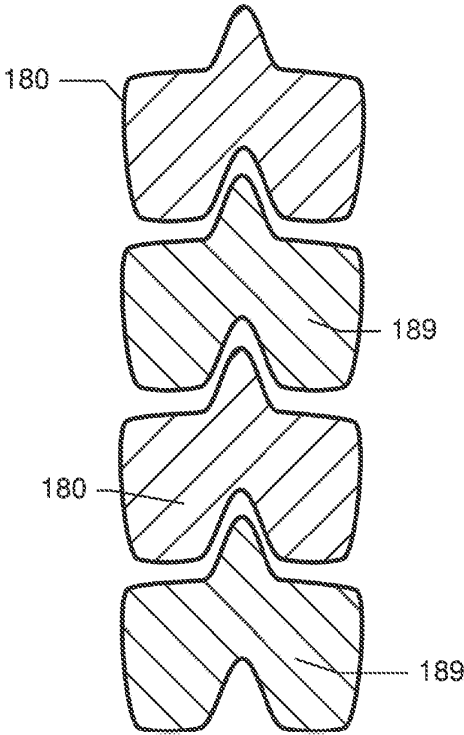


FIG 24A

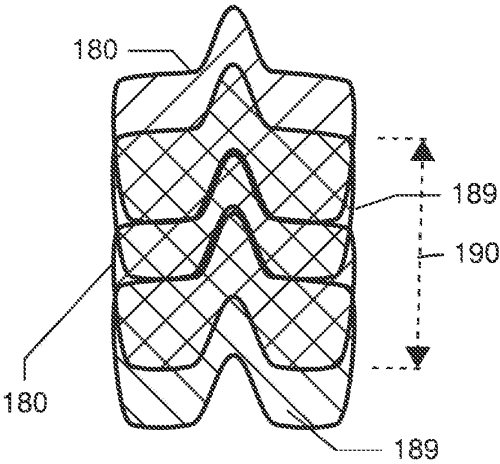


FIG 24B

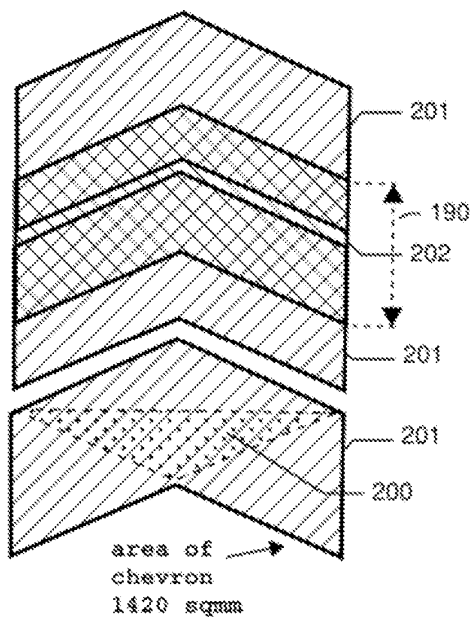


FIG 25

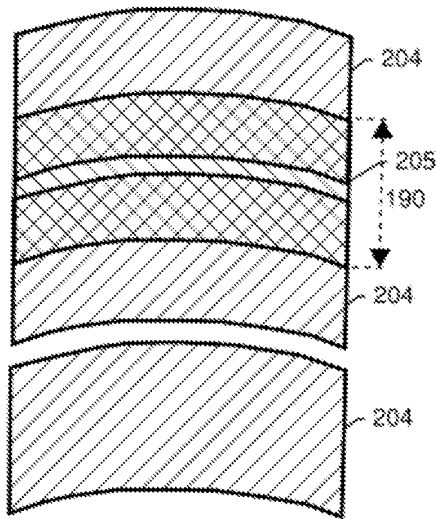


FIG 26

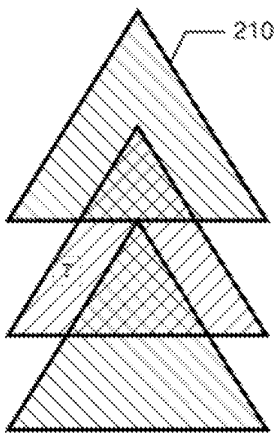


FIG 27A

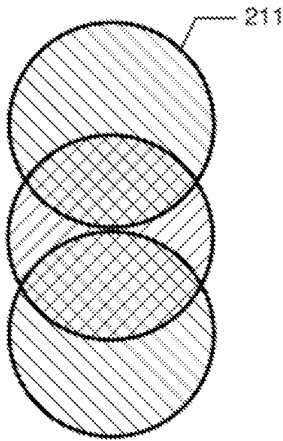


FIG 27B

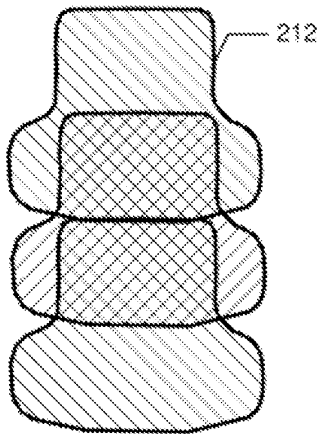


FIG 27C

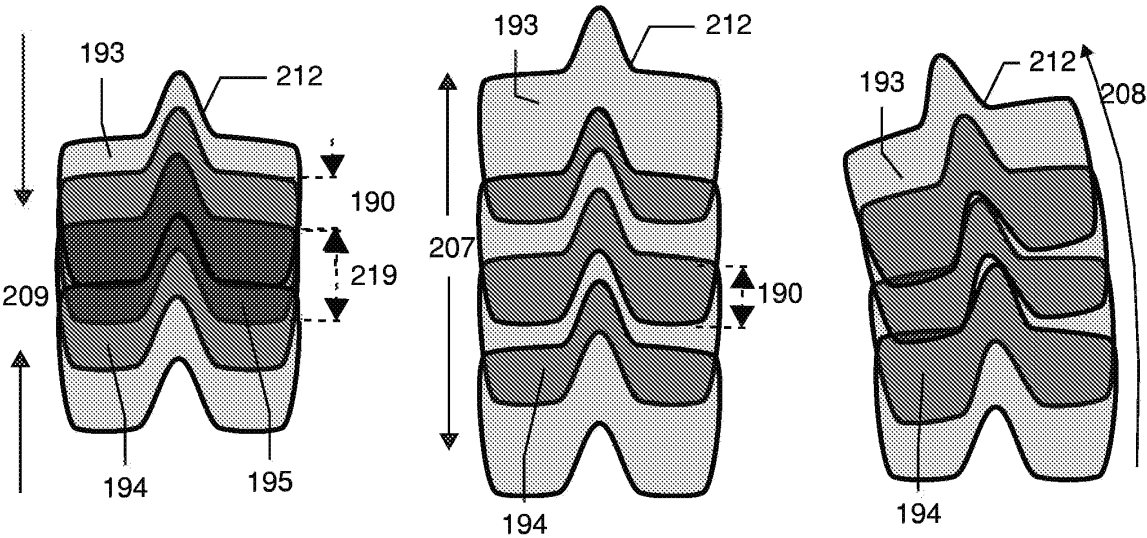


FIG 28A

FIG 28B

FIG 28C

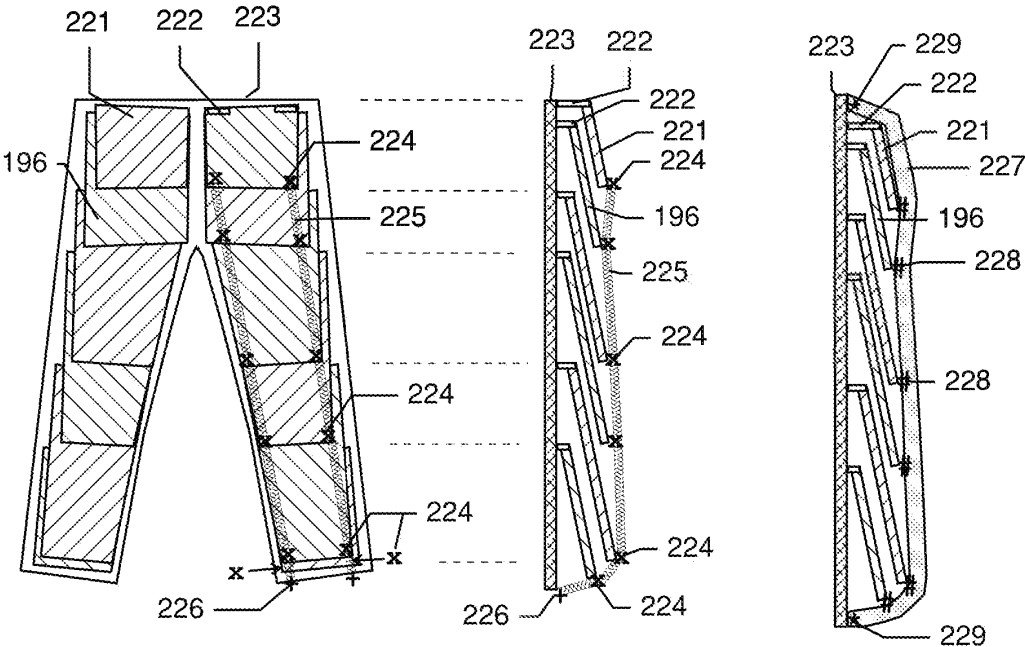
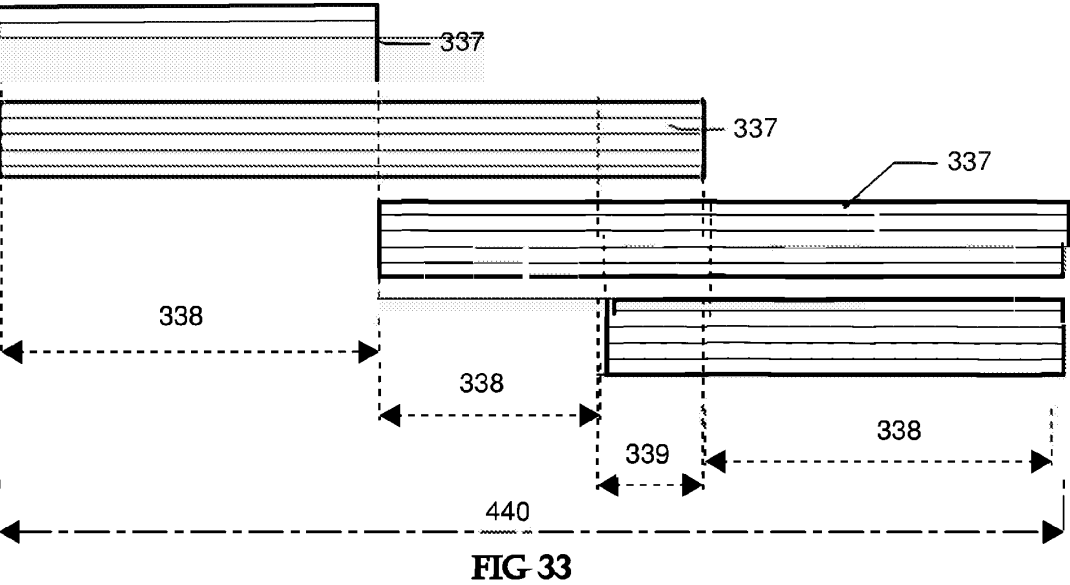
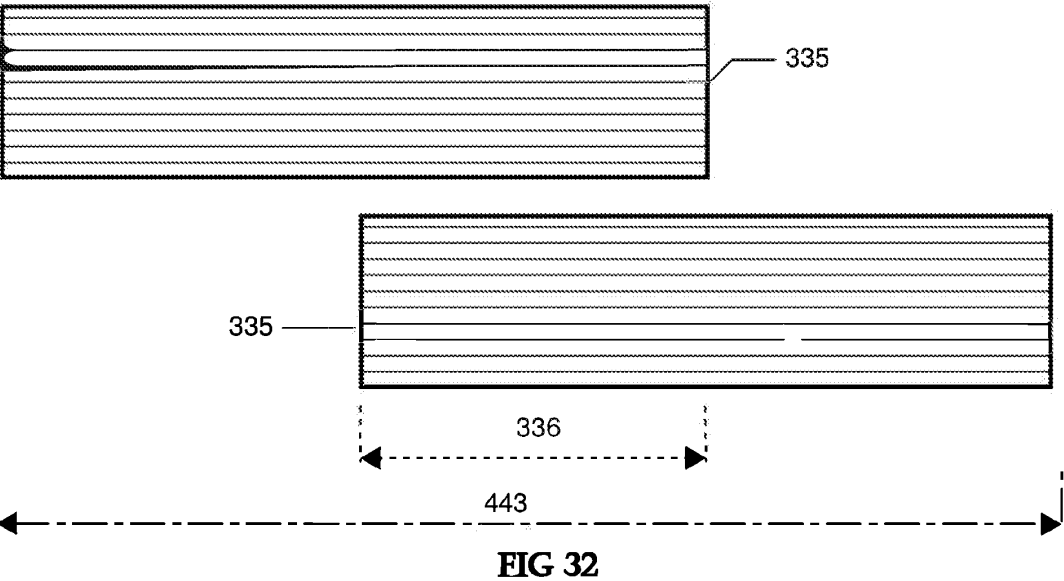
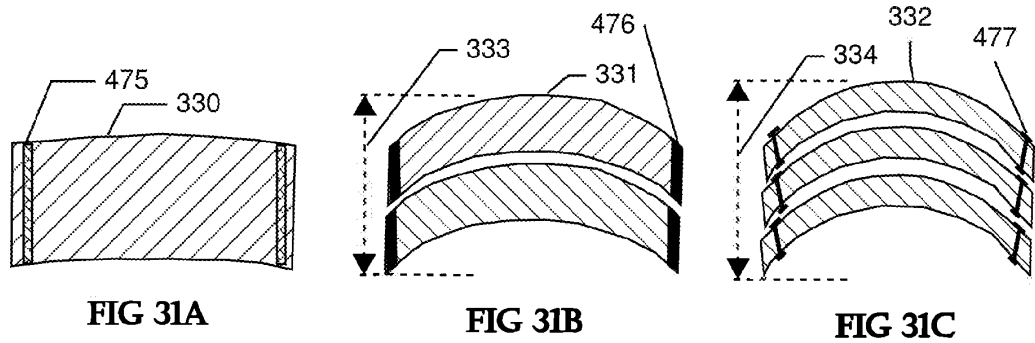


FIG 29A

FIG 29B

FIG 30



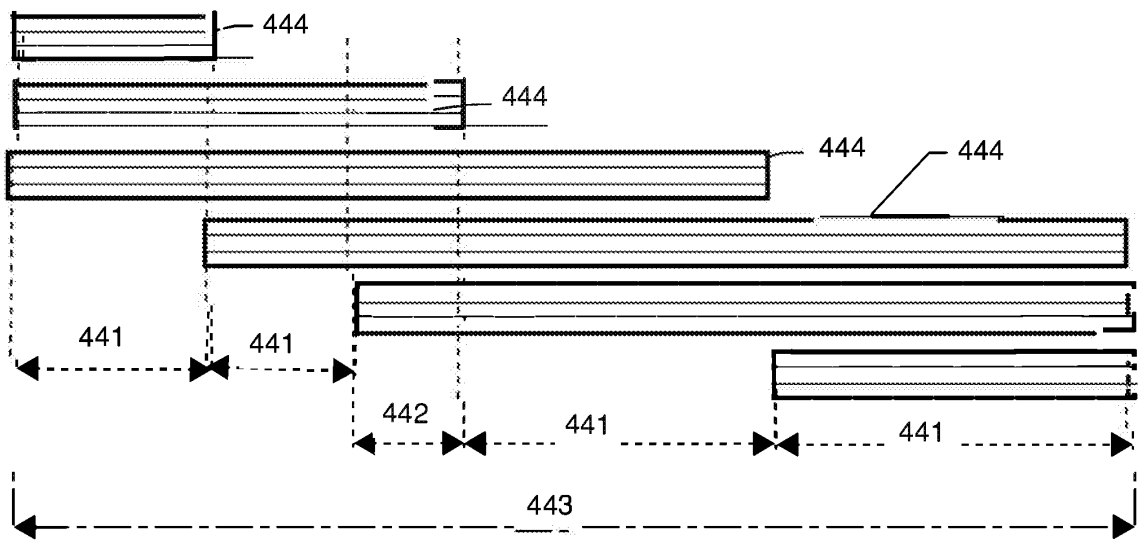


FIG 34

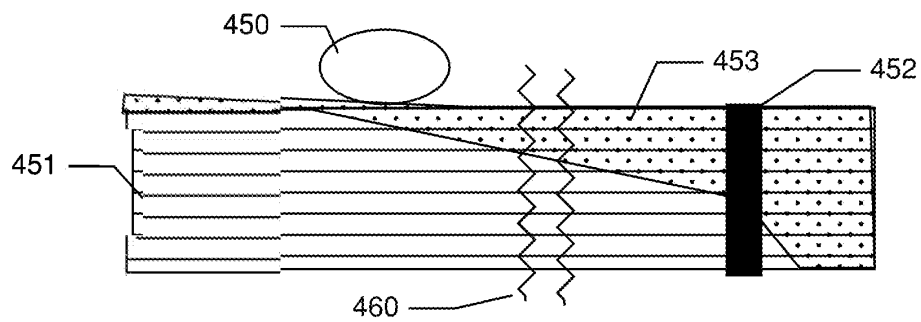


FIG 35

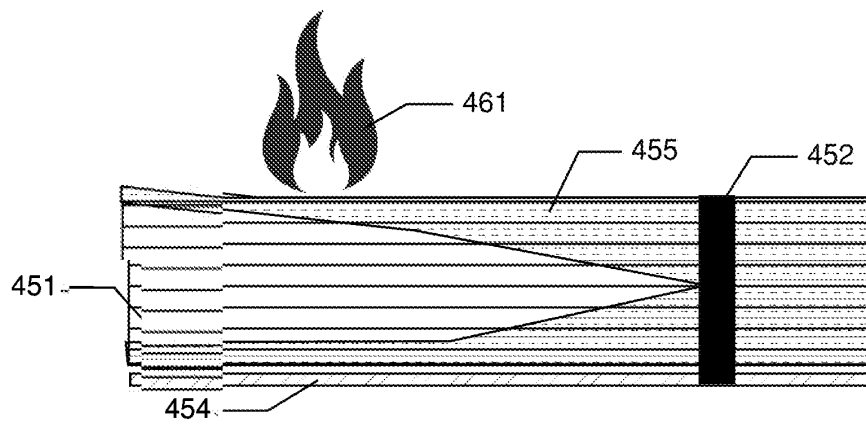


FIG 36

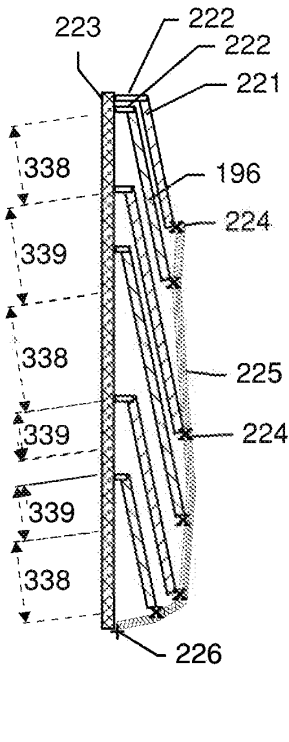


FIG 37A

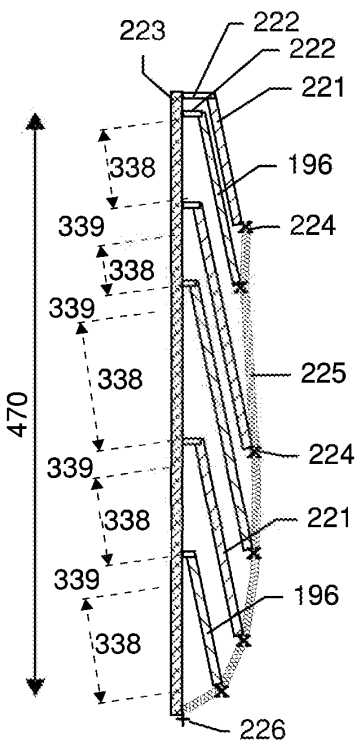


FIG 37B

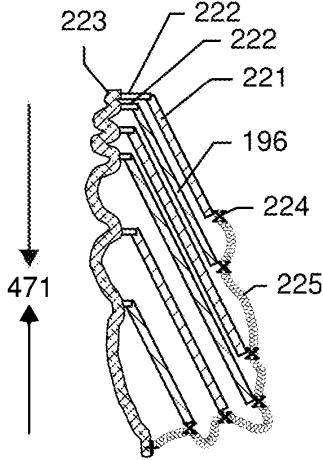


FIG 37C

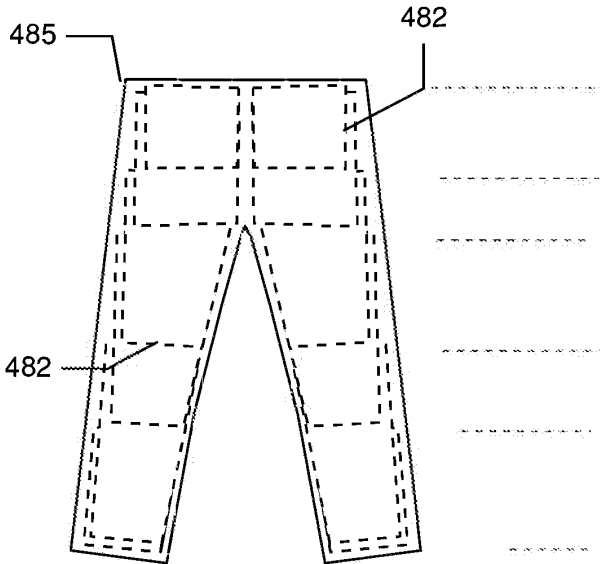


FIG 38A

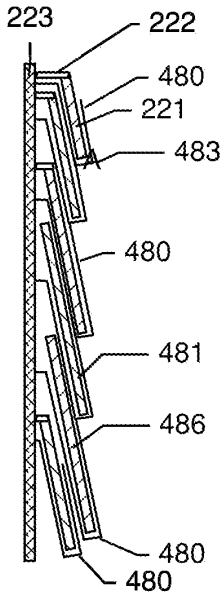


FIG 38B