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Bothwell

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(54) **SUBSTANTIALLY FLUID TIGHT GAME RACKET INCLUDING A SPRING SUSPENSION MODULE**

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(57) **ABSTRACT**

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(58) **Field of Classification Search** **473/520–522, 473/534, 539, 540, 543**

See application file for complete search history.

A game racket frame is provided including at least one substantially fluid tight portion. The racket includes a handle and a head frame with strings laced through and held in tension to form a strung hitting surface. Alternatively, the game racket of the present invention could be formed of at least one substantially fluid tight part including a handle portion and a head frame portion. The head frame includes at least one substantially fluid tight portion and has at least one unitary multi-component spring suspension module disposed on its periphery to cooperate with at least one string. The profile of the generally tubular, spring suspension module is formed by at least two components, having at least one common wall. The profile includes a first side portion and a second side portion, is closed on at least two ends, and can have at least one communicating means in common with the racket. Alternatively, when the racket is comprised of more than one substantially fluid tight part, there can also be at least one communicating means located on at least one common surface between the parts to form the substantially fluid tight game racket of the present invention.

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32 Claims, 10 Drawing Sheets

