G. P. SCHILZ

TEennis Racket String

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George F. Schilz

Inventor

By his Attorney

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UNITED STATES PATENT OFFICE.

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TENNIS-RACKET STRING.

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The invention aims to provide a stringing for tennis rackets which will be livelier and more resilient than the gut which is in general use for such purposes. Further objects and advantages of the invention will be in part obvious and in part specifically pointed out in the description hereinafter contained which, taken in connection with the accompanying drawings, discloses a preferred embodiment of the invention. Such embodiment, however, is to be considered as only illustrative of its principles. In the drawings—

The single figure is a side view partly broken away of a string constructed in accordance with the invention.

In accordance with the present invention, I employ in connection with gut strands as customarily used for stringing tennis rackets, one or more strands of rubber or the like, the gut being twisted in the usual way whereby when the string is tensioned in the racket frame, the rubber strand will afford increased resiliency lengthwise of the strings and will also afford greater elasticity transversely of the strings, due to the fact that the gut strands will act to compress the rubber strand.

I prefer to use a rubber strand in the form of a core about which the gut strands are wound spirally so as to enclose the core and protect it against wear. In the illustrated embodiment of the invention there is shown a string having a rubber core 1 surrounded by the spirally wound gut strands 2, the gut strands being wound around the core 1 with such tightness as to hold the core under a certain amount of initial compression which is augmented when the string is tensioned.

The gut employed may be animal or vegetable in its nature, or a combination of both types, no particular gut being essential.

I claim:
1. A string for tennis rackets and like purposes, having gut strands and a strand of rubber-like material combined therewith.
2. A string for tennis rackets and like purposes, having a core of rubber-like material with gut strands wound spirally around the same.
3. A string for tennis rackets and like purposes, having a core of rubber-like material with gut strands wound spirally around the same, said gut strands acting to constrict said core.
4. A string for tennis rackets and like purposes, having gut strands wound spirally and a strand of rubber-like material combined therewith, said gut strands acting to compress said strand of rubber-like material.

In testimony that I claim the foregoing, I have hereunto set my hand this 30th day of September, 1926.

GEORGE PAUL SCHILZ.