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# United States Patent [19]

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Southwell et al.

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## [54] BICYCLE FRAME

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[73] Assignee: **Barracuda Bicycle Company**, Grand Rapids, Mich.

[\*\*] Term: **14 Years**

[21] Appl. No.: **803,379**

[22] Filed: **Dec. 5, 1991**

[52] U.S. Cl. .... **D12/111**

[58] Field of Search ..... **280/281.1, 288.1, 288.2, 280/288.3; D12/111**

## [56] References Cited

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## [57] CLAIM

The ornamental design for a bicycle frame, as shown and described.

## DESCRIPTION

FIG. 1 is a perspective view of a bicycle frame showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a top plan view;

FIG. 5 is a bottom view thereof;

FIG. 6 is a right side view thereof;

FIG. 7 is a left side view thereof;

FIG. 8 is a cross-sectional view of the bicycle frame taken along line 8—8 of FIG. 6 illustrating the teardrop shape of the top tube;

FIG. 9 is a cross-sectional view of the bicycle frame taken along line 9—9 of FIG. 6 illustrating the teardrop shape of the down tube;

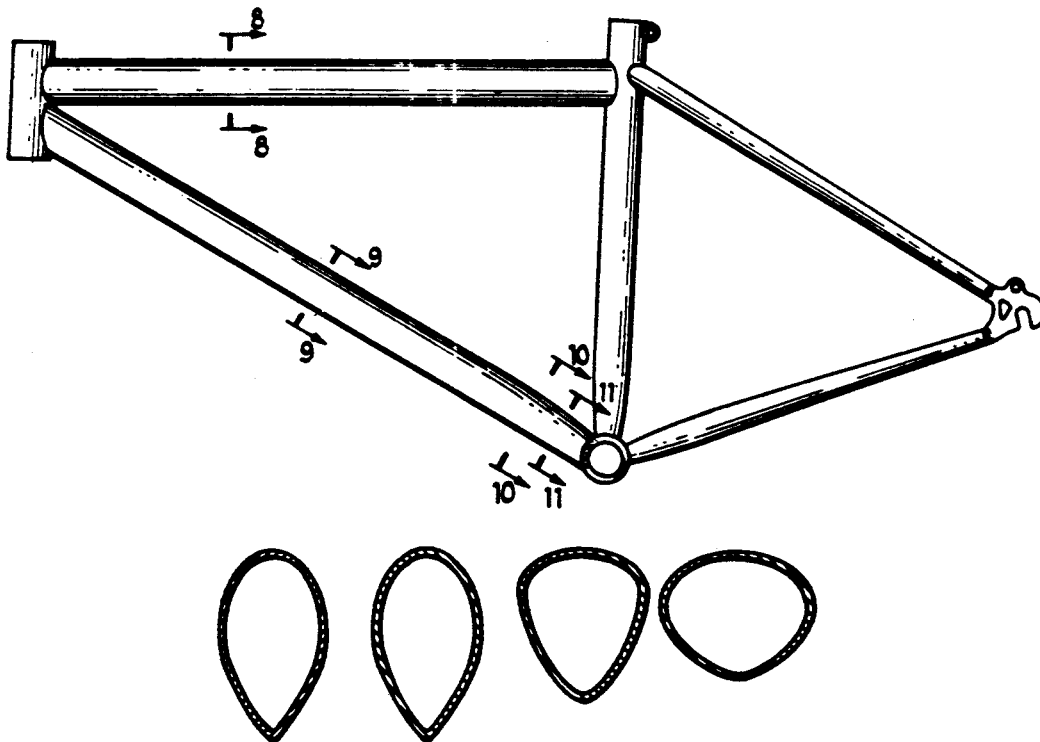
FIG. 10 is a cross-sectional view of the bicycle frame taken along line 10—10 of FIG. 6 illustrating the increased rounding out of the teardrop shape of the down tube adjacent to its ends;

FIG. 11 is a cross-sectional view of the bicycle frame taken along line 11—11 of FIG. 6 further illustrating the increased rounding out of the teardrop shape of the down tube adjacent to its ends;

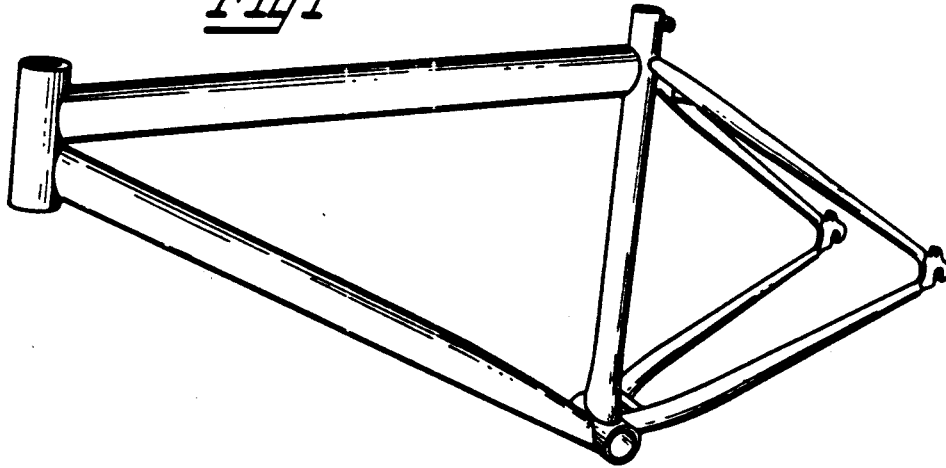
FIG. 12 is a cross-sectional view of the bicycle frame taken along line 12—12 of FIG. 7 illustrating the round shape of the central portion of the seat tube;

FIG. 13 is a cross-sectional view of the bicycle frame taken along line 13—13 of FIG. 7 illustrating the increased ellipticity of the seat tube adjacent to its ends; and,

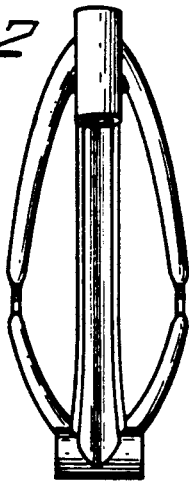
FIG. 14 is a cross-sectional view of the bicycle frame taken along line 14—14 of FIG. 7 further illustrating the increased ellipticity of the seat tube adjacent to its ends.



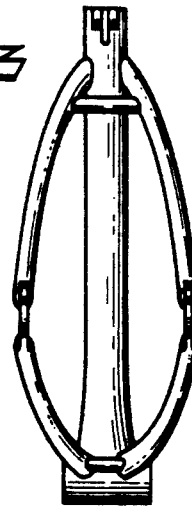
*Fig 1*



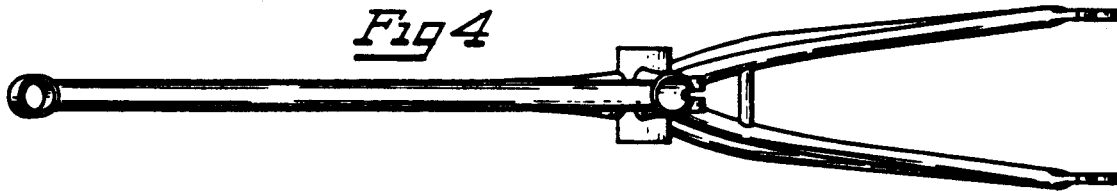
*Fig 2*



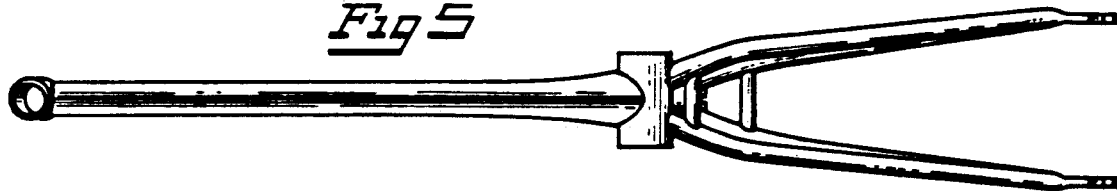
*Fig 3*

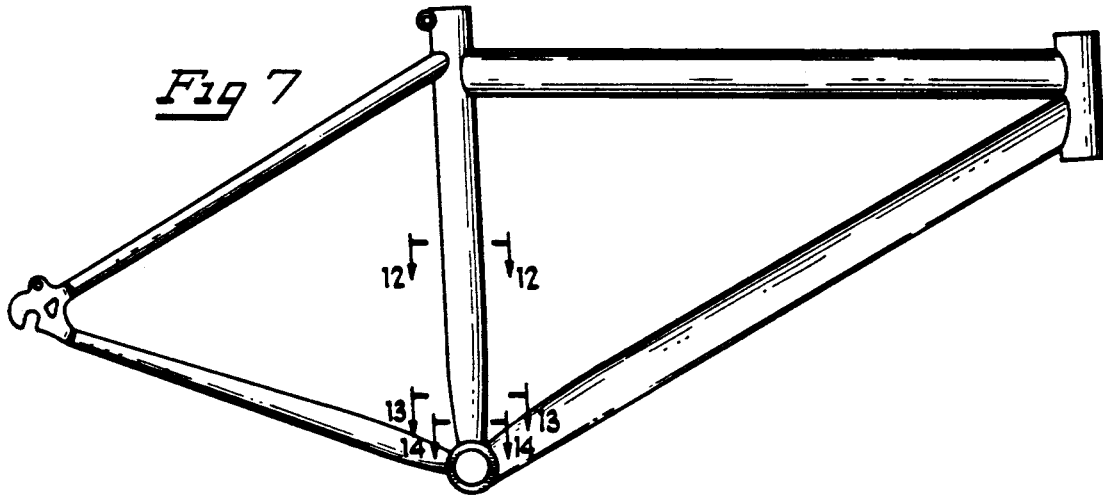
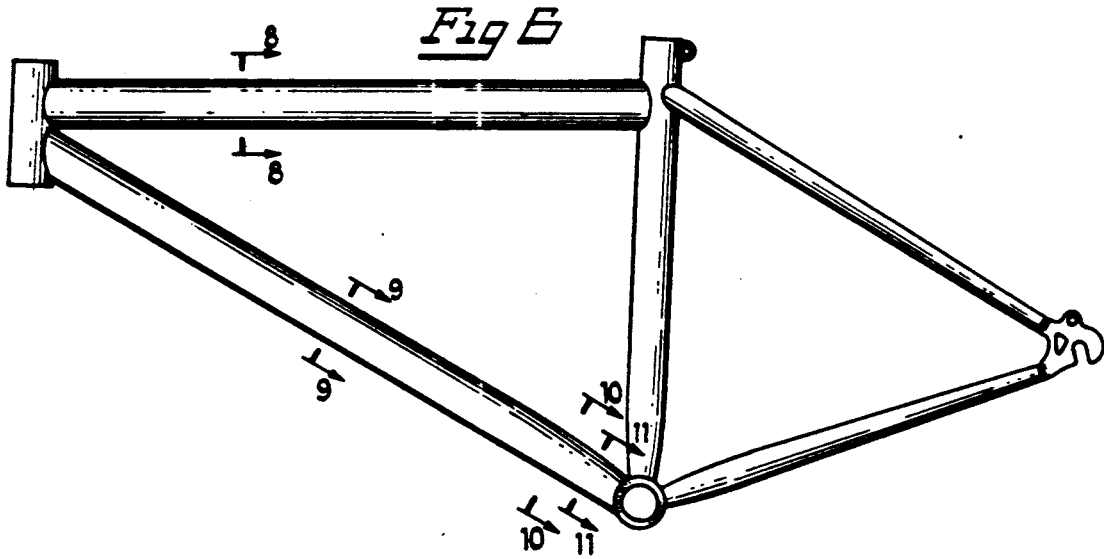


*Fig 4*



*Fig 5*





*Fig 8 Fig 9 Fig 10 Fig 11 Fig 12 Fig 13 Fig 14*

