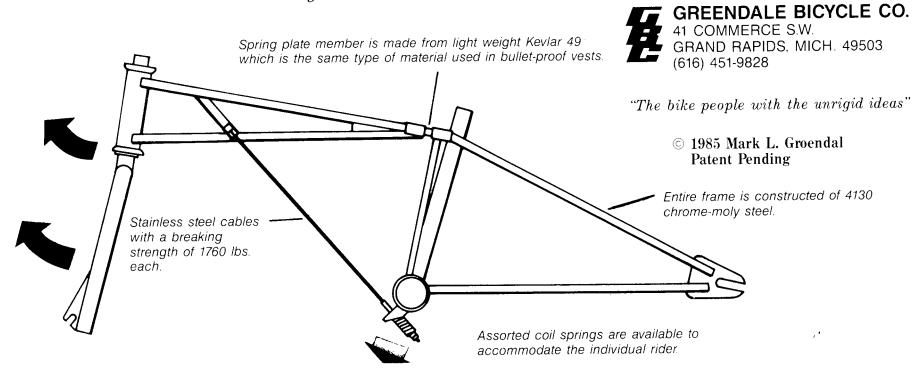
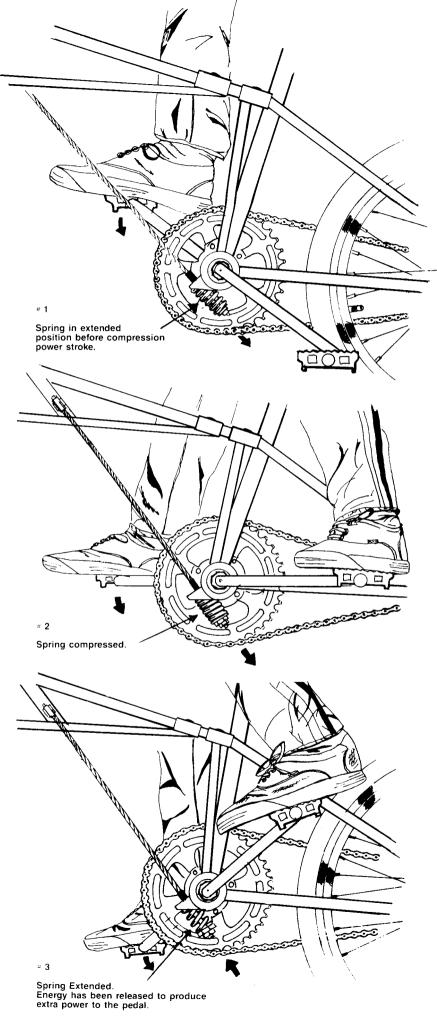
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SUMMARY ANALYSIS OF THE IMPROVED RIDING CHARACTERISTICS AND PERFORMANCE OF THE NEW TYPE SLINGSHOT RACING FRAME.

"You've got to ride it one time to believe it!"



SLINGSHOT produces an unbelievably smooth ride which greatly reduces expenditure of rider energy.



The SLINGSHOT concept has been race proven in BMX and works even better in mountain bikes and cruisers. SLINGSHOT is the world's lightest and fastest suspension frame ever built.

Up until SLINGSHOT, suspension frames were not practical because #1, too much pedal power was lost in the shock absorber, and #2, they were too heavy. SLINGSHOT has found a way to completely utilize, and even increase your pedal energy, while at the same time give you a smoother, more comfortable ride. Plus the reality of a light weight frame!

THIS IS A FIRST IN FRAME DESIGN

Figure #1 shows the spring at the beginning of the power stroke, just prior to compression.

Figure #2 shows the spring nearly fully compressed at the center of the power stroke. This position is where the accelerating power is generated and stored. In this position, the crank is forced downward.

In Figure #3, at the bottom of the power stroke we see the spring has returned to its original extended form after releasing its stored up energy by pushing the crank upward into the pedal.

Because of this release of stored up power to the pedal, the rider can actually feel the increase in acceleration as he comes out of the gate or when he needs that extra burst of power coming out of a corner. This holds true even more so when a SLINGSHOT mountain bike encounters a steep hill. Example: The same trampoline effect takes place when a tennis ball hits the center "sweet spot" of the raquet. For this reason, the pros are now stringing their raquets accordingly. i.e. to utilize this principle more efficiently.

This phenomenon takes place in a SLINGSHOT every time the pedal comes down in the power stroke with the necessary force needed to produce this result. But because of the rigid qualities of the 2 coil springs this phenomenon does not effect the spin down the straights in any way.

5 years of critical SLINGSHOT testing in the lab and on the track show an <u>overall marked improvement</u> over <u>rigid frames in all areas of handling, rider comfort</u> and <u>maneuverability.</u> i.e. cornering, rough roads, mountain <u>trails, steep inclines, open highways, city streets, and</u> on race tracks across the U.S. and in various foreign countries.