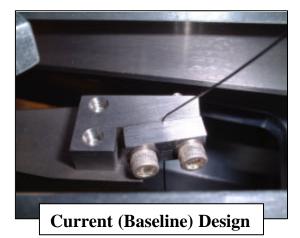
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SUMMARY OF BLADE WIRE CLAMP TESTING

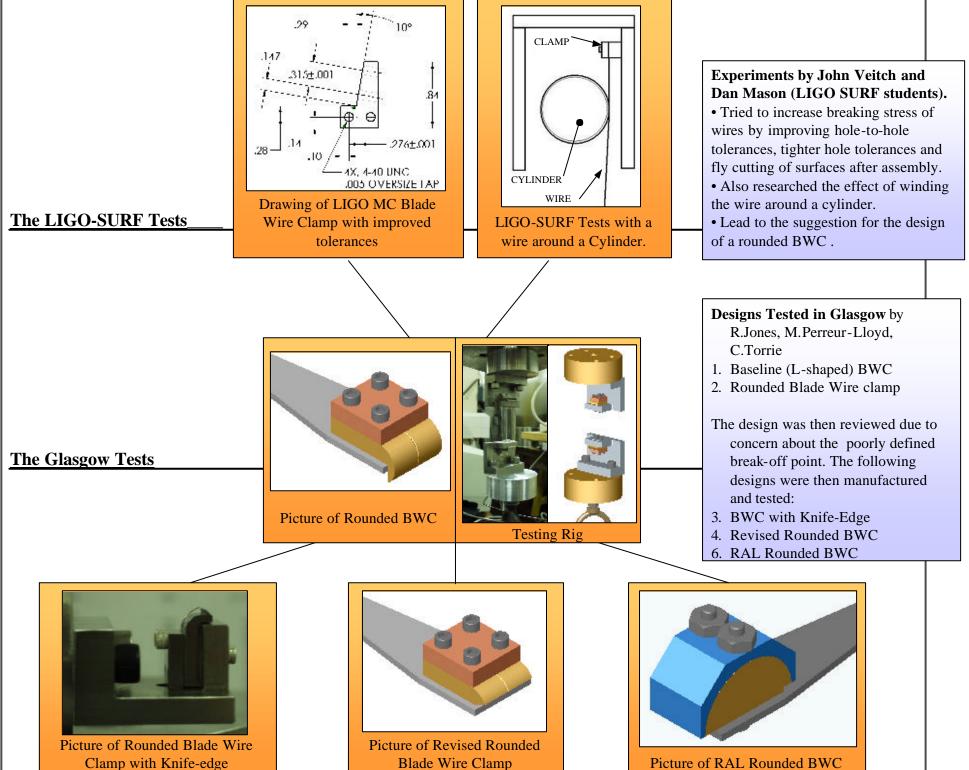


Introduction

The blade wire clamp attaches to the tip of the cantilever blades to clamp the wires that suspend the upper stages of triple pendulum.

LIGO

The reason for completing these experiments was to understand if the current baseline design could be improved upon, increasing the breaking stress of the wire.



Clamp with Knife-edge

Blade Wire Clamp

