



NEED:

EFFECTIVE INDUSTRIAL WATER COVERING TECHNOLOGY

PROBLEM:

Design, manufacture quality, low cost, effective water covering float.

VALUE PROPOSITION, MOTIVATION:

Water covering projects are not or ineffectively covered due to design flaws or cost. Current products incompletely cover or pile up in high winds. Geo-membrane placement, maintenance, product life and removal are cumbersome and disruptive. Nets entangle birds.

MOST PRODUCTS FAIL ALL THE FOLLOWING REQUIREMENTS:

- 100% bird deterrent
- UV stabilization providing over 20 year life.

CUSTOM RESINS TO:

- Deter algae / bacteria growth on floats.
- Be Heat neutral or tolerant. Melt snow / ice.

WITHSTAND CHEMICALS.

- 99% water coverage. (Balls provide 91%)
- Easy removal for pond leak repair/ reuse / recycling / project closure.
- Extreme wind / elevation / temperature resistance to perform in all conditions.
- No booms, netting required to keep floats in place.
- No deployment or maintenance required.

APPROACH:

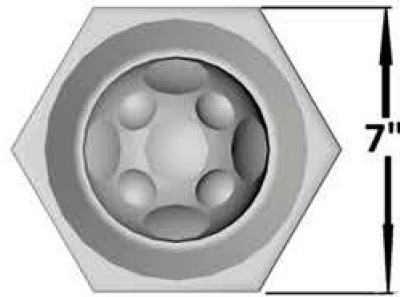
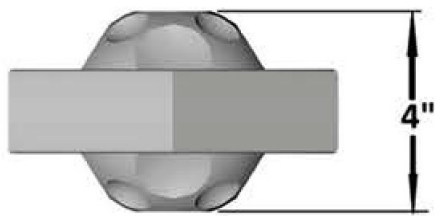
- Design, patent wind resistant two compartment water ballasted, stealth designed hexagon pond float.
- Design, patent automated manufacturing system to make effective, quality, low cost pond float.
- Design, patent efficient float removal equipment for recycling or replacement.

RESULTS:

- Withstands 92 mph wind gust at 7,000 foot elevation in Nevada.
- Market share increased.
- Millions of gallons of water and thousands of water fowl are saved.

CONCLUSIONS:

Provide effective, quality, low cost water cover.



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