Prelim Report
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Uses:
- Fishing
- Entertainment
- Falconry

A little history: Bill Green created first prototype in 1957 and based it off of the Chinese bird kite.

How it Works: This special design can use thermal lift, or wind that is created from the rising heat of the condensing ground water. This technology is very similar to the technology that birds use to fly.
• Most recognized type of kite in the Western world today

Uses:
• aerial photography,
• meteorological observations
• transmission of long range radio signals
• early bridge building

A Little History:
A young boy by the name of Homan Walsh made this kite famous in 1848 when a contest was held to get a line across the gap of the river to help the construction of a bridge over Niagara Falls.
Uses: (mainly with a vehicle or board)

- Kite surfing
- Kite buggying
- Kite land boarding
- Kite skating
- Snowkiting
- Kite jumping
- Parasailing

How it works: the inside airfoils inflate and make the kite move forward and give lift. Strings/rope keep the kite at a good position to get air. Bigger kites go faster.
Uses:
• Fishing
• Arial camera shots
• Good for kid’s use
   Easy to build

How it Works: Simple design has two rods connected by a piece of fabric. String attached to edges allow for control. More intricate designs have multiple rods and can have air foils.
Our Thoughts...

- With all the many Kite designs available we agree that the more simplistic designs would work best for their practical applications. The uses are endless and range from recreational kite surfing to falconry training. We all found that it was interesting how much kites are actually used in reality.
Market Pull

- With current technology, the market pull for the kites is now mainly recreational.
- If you know of the book "Kite Runner" some people use kites to have kite battles.
- In the past kites had many uses such as when meteorologists used kites to gather information about oncoming weather.
sources

- www.windpowersports.com