

Light Mill Reverses Rotation – In The Freezer

For Immediate Press Release

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Light mill's rotation thrills kids and baffles scientists. First introduced by Sir William Crookes in the mid 19th century, the mechanism of mill's motion continues to be a source of much debate. At one time light rebounding was thought to cause its motion except that dark paddles of the mill recede from light. Presently, gas flow along the edges of the paddles is thought to move the paddles.

However, the edge effect cannot explain the reversal of light mill rotation when light mill is placed in cold surroundings.

Quantum mechanical explanation confirms the new experimental result. If a photon of light is absorbed between two atoms the consequent bounce increases the pressure. In reverse, if a photon is emitted, two atoms bounce *toward each other* with consequent decrease in pressure.

Direction of light mill movement depends on the absorption-emission state of dark paddles. When absorption prevails at the dark paddle then gas pressure increases over its entire absorbing surface. When emission prevails at dark paddle then gas pressure becomes lower at its surface. Bright paddle counteracts dark paddle's motion only slightly because the absorption and emission values of bright paddles are but a small fraction of dark paddles values.

For additional information and discussion please visit:

www.HyperFlight.com/oh-teacher.htm#stumper3

“Yes, you can duplicate this in your teacher's lounge. At times we want to rework the present to see the future.”

About The Author

Mike Ivsin is a consultant to industry on new computational methods and one of his inventions is a patented concurrent sorter. Business Advisory Council chaired by Congressman Tom Davis recently presented Mike with National Leadership Award.