

CTO's 65 PATENTS

Patent Database Search Results: IN/Hulsing in 1976 to present

Page 1 of 2

<u>Patent No.</u>	<u>Title</u>
1. 6,843,126	Triaxial angular rate and acceleration sensor
• 2. 6,701,786	Closed loop analog gyro rate sensor
• 3. 6,662,657	Force-sensing transducers, accelerometers, rate sensors, methods of forming force-sensing transducers, and methods of forming vibrating-beam force transducers
• 4. 6,463,802	Triaxial angular rate and acceleration sensor
• 5. 6,435,029	Low metalization creep sensor
• 6. 6,423,564	Force-sensing transducers, accelerometers, rate sensors, methods of forming force-sensing transducers, and methods of forming vibrating-beam force transducers
• 7. 6,295,870	Triaxial angular rate and acceleration sensor
• 8. 6,285,111	Axis alignment method
• 9. 6,282,955	Low vibration link
• 10. 6,276,203	Axis alignment method
• 11. 6,273,514	Axis alignment method
• 12. 6,257,057	Epitaxial coriolis rate sensor
• 13. 6,161,440	Low metalization creep sensor
• 14. 6,098,462	Low vibration link
• 15. 6,079,271	Low vibration link
• 16. 6,023,972	Micromachined rate and acceleration sensor
• 17. 5,974,879	Micromachined rate and acceleration sensor
• 18. 5,962,784	Micromachined rate and acceleration sensor
• 19. 5,920,011	Micromachined rate and acceleration sensor
• 20. 5,886,259	Axis aligned rate and acceleration sensor
• 21. 5,866,816	Angular rate sensor misalignment correction
• 22. 5,717,140	Angular rate sensor electronic balance
• 23. 5,696,323	Two bar resonant beam Coriolis rate sensor
• 24. 5,627,314	Micromachined rate and acceleration sensor
• 25. 5,557,046	Micromachined rate and acceleration sensor
• 26. 5,500,627	Precision duty cycle phase lock loop
• 27. 5,469,052	Velocity sensor which senses differential velocity by sensing changes in magnetic flux
• 28. 5,456,111	Capacitive drive vibrating beam accelerometer
• 29. 5,456,110	Dual pendulum vibrating beam accelerometer
• 30. 5,417,120	Vibrating beam force transducer with automatic drive control
• 31. 5,396,797	Triaxial angular rate and acceleration sensor
• 32. 5,379,639	Combined force transducer and temperature sensor
• 33. 5,341,682	Micromachined rate and acceleration sensor
• 34. 5,331,554	Micromachined rate and acceleration sensor having vibrating beams
• 35. 5,331,853	Micromachined rate and acceleration sensor



Gladiator Technologies, Inc.



CTO's 65 PATENTS (Cont.)

Patent Database Search Results: IN/Hulsing in 1976 to present

Page 2 of 2

<u>Patent No.</u>	<u>Title</u>
• 36. 5,319,976	Micromachined rate and acceleration sensor
• 37. 5,275,048	Acceleration overload protection mechanism for sensor devices
• 38. 5,270,594	Compact bidirectional torque motor with increased torque
• 39. 5,243,278	Differential angular velocity sensor that is sensitive in only one degree of freedom
• 40. 5,241,861	Micromachined rate and acceleration sensor
• 41. 5,168,756	Dithering coriolis rate and acceleration sensor utilizing a permanent magnet
• 42. 5,097,490	Apparatus and method for improving the resolution with which a test signal is counted
• 43. 5,095,264	Frequency counter and method of counting frequency of a signal to minimize effects of duty cycle modulation
• 44. 5,070,263	Compact dual rotor torque motor for accelerometers
• 45. 5,066,911	Apparatus and method for sensing displacement using variations magnetic flux linkage
• 46. 4,968,909	Compact bi-directional torque motor
• 47. 4,935,883	Apparatus and method for leveling a gravity measurement device
• 48. 4,929,860	Electrode configuration for vibrating beam transducers
• 49. 4,881,408	Low profile accelerometer
• 50. 4,864,861	Frame assembly and dither drive for a coriolis rate sensor
• 51. 4,848,156	Frame assembly and dither drive for a coriolis rate sensor
• 52. 4,821,572	Multi axis angular rate sensor having a single dither axis
• 53. 4,814,680	Servo loop control for a coriolis rate sensor dither drive
• 54. 4,812,977	Borehole survey system utilizing strapdown inertial navigation
• 55. 4,811,602	Frame assembly and dither drive for a coriolis rate sensor
• 56. 4,799,385	Angular rate sensor with phase shift correction
• 57. 4,786,861	Frequency counting apparatus and method
• 58. 4,782,700	Frame assembly and dither drive for a coriolis rate sensor
• 59. 4,672,752	Method of determining the difference in borehole azimuth at successive points
• 60. 4,614,040	Borehole survey system and method of determining the difference in borehole azimuth at successive points
• 61. 4,459,759	Angular rate and position transducer for borehole survey instrument
• 62. 4,434,654	Borehole orientation detection system employing polarized radiation
• 63. 4,428,123	Instrument mounting
• 64. 4,399,692	Borehole survey apparatus utilizing accelerometers and probe joint measurements
• 65. 4,165,483	Capacitive pick-off circuit



Gladiator Technologies, Inc.

