An Affordable Automotive Hybrid Transmission
from
Hybrid Drivetrains, Inc.

- A new hydraulic hybrid-transmission
- High fuel efficiency and low emissions
- Reduces first-time buying cost by thousands of dollars
- Eliminates the need for battery replacement and disposal
- Optimizes engine efficiency
- Regenerates braking energy
- Eliminates the reverse gear in the mechanical power path
- Eliminates friction / disc brakes

Toyota Prius, 50 mpg, $22,500
($3k battery replacement every 5 yrs)

Toyota Corolla, 30 mpg, $15,000
(no battery replacement)
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Market Opportunity

• 60,000 new automobiles are manufactured every year worldwide

• Legislation is requiring clean energy (e.g. Proposition C)

• 150 million cars on the road in America today (estimated)

• If all cars were equipped with a hybrid transmission, it would be like taking 60 million cars off the road from an environmental perspective (a reduction of 0.41 billion metric-tons of carbon dioxide)
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Strength of Technology

• Addressing specific need of reduced cost and accessibility
• Patent disclosures are filed
• University of Missouri owns the technology
• Hydraulic hybrids offer unique attributes (e.g., no batteries)
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Potential Position in the Marketplace

• Can be built with existing components
• Can be designed as a retrofit transmission for existing automobile models
• Can be applied to small and large vehicle applications
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Science Team

• Experts in machine design
• Experts in hydraulic control systems
• Proven record for developing original equipment
• Proven record for managing business and technology
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Investor Value Proposition

- Medium risk (transmission components exist)
- High impact (many consumers can be attracted)
- Looking for investors and development funds