



Magna Force, Inc.

## LEVX<sup>®</sup> Patent Equity Plan

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# LEVX<sup>®</sup> Patent Equity Plan

## Introduction

Magna Force, Inc. is a 20 year old company dedicated to creating and selling innovative, ecologically sustainable and resource efficient technologies. LEVX<sup>®</sup> is the trademarked name for a new generation of transportation technologies that will transform the way we all think about moving people and freight. LEVX<sup>®</sup> changes transportation by eliminating key points of friction, drag and the transfer of load impacts that occur between wheels and rails or tires and road surfaces, all of which drive up the energy requirements, transport costs and infrastructure requirements of today's transportation systems.

Widely customizable, LEVX<sup>®</sup> transport technologies support sustainable development by lowering the upfront costs of transportation infrastructure, increasing the useful life of that infrastructure by an estimated 50%, slashing transport energy requirements by up to 95% when compared to conventional trucks or buses and lowering the environmental and social impacts of essential mobility.

Magna Force believes that the most direct and effective way to distribute LEVX<sup>®</sup> technology is through a process called technology transfer. The sale and assignment include all available patents, patent applications, trademarks and future improvements (additional patent applications) for the LEVX<sup>®</sup> technology. The receiving party acquires immediate exclusive rights to LEVX<sup>®</sup> in the purchased territory enabling maximum localized control and flexibility.

***Technology Transfer** means the sale and assignment of technological intellectual property that is developed in one place and transferred to another through legal means. The assignment of intellectual property is generally followed by the transfer of new knowledge from the originator to the secondary user. Technology transfer packages can include technical documents, pictures, videos, drawings, engineering data and classroom and hands on training.*

The first steps of the transfer of technological information occurs on the day the assignment is completed with the delivery of a laptop computer loaded with documents, drawings, pictures, videos and supportive engineering information. Classroom and hands on training can then be scheduled at the buyer's earliest convenience. Magna Force is also establishing supportive associations with companies and organizations that are interested in providing ongoing assistance where needed for LEVX<sup>®</sup> project development, including world class engineering services and internationally available financial sources to support technology transfer and ecologically sustainable project development.

## About LEVX<sup>®</sup>

Magna Force has completed the first of its kind heavy freight demonstration in Port Angeles, Washington USA, capable of magnetically levitating and transporting fully loaded freight carriages weighing 70,000 pounds. The freight/intermodal demonstration system has proven the LEVX<sup>®</sup> technologies' capability to sustain very heavy (over 68,000 pounds) loads stably above the rails, over long periods. Another LEVX<sup>®</sup> prototype has remained stable for over almost 12 years, with a third following closely behind. All carriages remain in continuous magnetic suspension, 24 hours a day, seven days a week, above rails with no energy required. The moving of carriages and their loads has also been proven to provide energy savings as high as 95% over conventional trucks or buses.

This level of energy conservation, provided by combining LEVX<sup>®</sup> proprietary components is unmatched the world over providing game changing options for the future of transportation. One importance of slashing the energy requirement is the elimination of the need and cost of expensive wayside power conditioning equipment, controls and electrical connections to local utility grids which are typically higher per mile than the entire installed LEVX<sup>®</sup> system. This simple fact allows LEVX<sup>®</sup> systems to be installed as a first infrastructure where no other supportive infrastructure yet exists and allows for continued independent operation should local power supplies fail.

Frictionless operation in the suspension, propulsion and braking systems also reduce wear and maintenance costs by eliminating surface to surface contact, minimizing control systems and moving parts. Additionally, the wheel-less transport of carriages create a uniform moving load with negligible impacts on the supporting infrastructure, minimizing the gauge required for construction materials and extending the structures useful life.

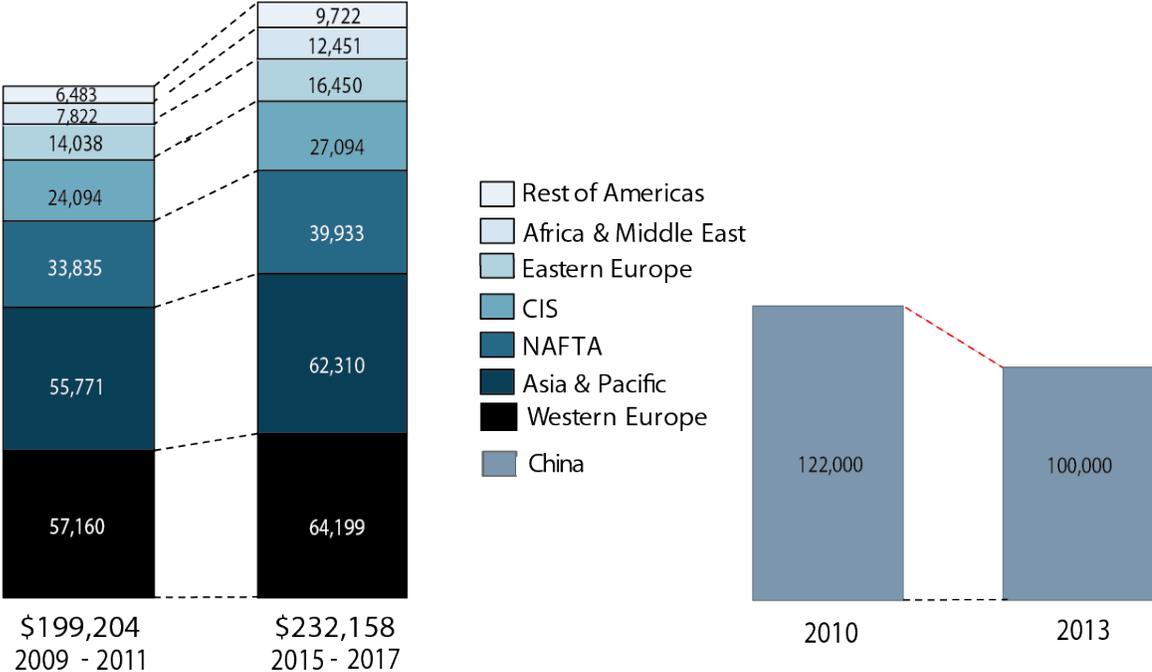
Aside from freight, mining and passenger transport, LEVX<sup>®</sup> components are also suitable for industrial applications including non-contact thrust bearings, clean room transport systems or windmills. LEVX<sup>®</sup> applications are only limited by imagination.

## Targeted Market Factors

A study by the Association of the European Rail Industry and Roland Berger Strategy Consultants project steady new growth in rail infrastructure markets for years to come throughout the world. Their latest report also estimates 60% of the reported annual market or

\$ 140 Billion USD to come from increases in infrastructure and rolling stock investments and 40% or \$ 92 Billion USD to come from the rail services industry by 2015.

### Regional market breakdown (millions USD)



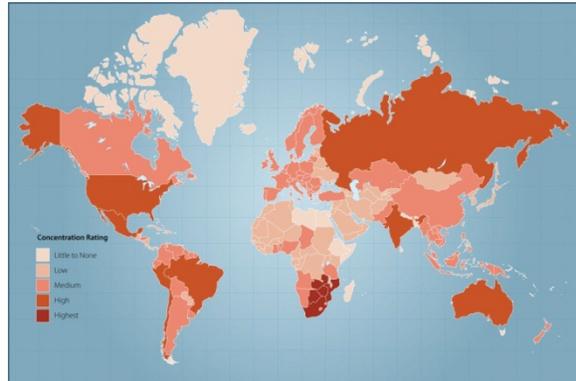
The above report is in addition to the announcement that the Chinese government plans to invest 650 billion yuan (103.56 billion U.S. dollars) in railway construction this year, nearly equivalent to the amount spent last year as reported by the Minister of Railways Sheng Guangzu. The Ministry will diversify financing channels by encouraging local governments, enterprises and private investors to participate in railway construction, Sheng said.

Aside from the growing rail market a combination of important regional factors also indicate a need for transformation to ecologically and economically sustainable mobility systems that meet the needs of the present without compromising the ability of future generations to meet their own needs. Magna Force has developed LEVX<sup>®</sup> technologies with heavy duty loads, resource limitations and environmental sustainability factors at the forefront.

### Largest Container Ports



### Global Extractive Industries (Mining) activities



### Environmental Concerns



### Population Density



### Next Steps

To find out more about LEVX<sup>®</sup> technologies, the LEVX<sup>®</sup> Patent Equity Plan, how to obtain a LEVX<sup>®</sup> technology transfer package or to arrange a visit to our facilities, please contact Jo Klinski, COO and CIPO at Magna Force, Inc. directly.

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