

## Offering--Patents on Autonomous Vehicles

### **Product**

These patent assets relate to the marketplace for autonomous vehicles, where the vehicles may be cars, trucks and other kinds of transporters. The technology is directed at: operational status monitoring of active sensors, blind spot monitoring and detection, and real-time communications among autonomous vehicles. These benefits map into a wide variety of different autonomous vehicle categories.

### **Background**

Among the potential benefits of autonomous vehicles is a significant reduction in traffic collisions, resulting injuries and related costs, and thus a lower need for insurance. Consulting firm McKinsey estimated that widespread use of autonomous vehicles could "eliminate 90% of all auto accidents in the United States, prevent up to \$190 billion in damages and health-costs annually and save thousands of lives." Autonomous vehicles are also predicted to offer major increases in traffic flow, enhanced mobility for children, the elderly, disabled and poor people; the relief of travelers from driving and navigation chores, lower fuel consumption, significantly reduced needs for parking space in cities, a reduction in crime and the facilitation of different business models for mobility as a service, especially those involved in the sharing economy. However, complexity of the conversion to fully autonomous vehicles will require at least 5-10 years for adoption and everyday use.

### **Asset Details**

The offering has two (2) Issued U.S. Patents and one (1) open U.S. Application. There are no non-U.S. counterparts. The technology involves operational monitoring, threat detection and communications within and among autonomous vehicles.

### **Marketplace**

The market space is identified as autonomous vehicles. One of the key drivers for autonomous vehicles is local transportation services, which have seen especially rapid growth over the past few years. For example, the U.S. ridesharing market is the world's largest, sized at \$11.8B in 2017, and projected to reach \$25.9B by 2021 (source: Statista). For the autonomous truck application, it is projected that by 2025 there could be a 30% reduction in labor cost, equivalent to roughly \$14B, through the adoption of autonomous truck technology by the long-haul trucking industry (source: PWC and Lastauto Omnibus).

### **Inventor**

The patent assets in this portfolio were developed by Steven Schraga, a dynamic and prolific inventor in diverse technical fields as well as a successful entrepreneur. Steven's far-ranging creative and engineering talents have led to 00's of patents, impacting medical devices and diagnostics, transportation vehicles, mechanical designs, electrical communications and manufacturing, dating from the 1980's to the present time. On the entrepreneurial side, Steven has owned and operated several successful companies, where he has been deeply immersed in their technical operations, including hardware design, software programming and creation of various kinds of data communications systems. Steve is the inventor of many patents and his innovations have been licensed to major players.

### **Sales Package**

The offered patent assets are subject to no encumbrances. This is a rare opportunity to acquire patent assets in an emerging technology space, which will continue to show robust growth for many years to come. [A Sales Package is now available providing more information on the above topics and EoU information is available under NDA, showing present and future commercial impact.](#)

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