

Offering--Patent on Travel Route Optimization

Product

The technology relates to route optimization for a user for travelling between two points, where the best route is chosen from multiple available routes. The multiple available routes are routes being travelled by other parties, and are trips which can potentially be shared. The route selected from available routes is the one route having the best quality factor. It is believed that the relevant technology space applies in areas beyond ridesharing, into the broader area of local transportation, logistics, and autonomous vehicles.

Background

Route optimization is required in many different technical fields. Rapidly choosing the best route from among many options can save time, reduce costs, and improve safety and reliability. Products and services impacted can be the movement of people and goods, with and without the presence of a human operator.

Asset Details

One issued U.S. patent which addresses geometric determination of shared travel routes is available from the inventor, Sam Wechsler. The technology involves an innovative solution to travel route optimization.

Marketplace

Those spaces were identified as sharing/local transportation, logistics and autonomous vehicles, requiring navigation or mapping. All three of the relevant technology have robust and lively marketplaces. Ride sharing and local transportation services have seen rapid growth over the past few years. Examples of such services are Uber and Lyft, which have seen proliferation to hundreds of cities in the U.S. and worldwide. For logistics and distribution companies the rising cost of fuel has dictated more efficiency in route planning and traditional methods do not address real-time events that affect businesses every day. Regarding autonomous vehicles, Consulting firm McKinsey estimated that their widespread use 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."

Inventor

The inventor and owner, Sam Wechsler, is an energetic young engineer and entrepreneur. He has obtained both B.S. and M.S. Electrical Engineering degrees from Lehigh University, Bethlehem, PA. While still in college, Sam pursued an interest in ride sharing computer applications serving university communities, but found their functionality to be lacking. After graduation, he continued to study the problem and in 2013 invented an algorithmic technique that provides improved solutions to the problems of moving people and goods.

Sales Package

The offered patent is subject to no encumbrances. This is a rare opportunity to acquire a patent in an emerging technology space, which will continue to show robust growth for many years to come. A Sales Package is forthcoming which will provide more information on the above topics.



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