



Dr. Hengning Wu is an independent system inventor like Edison and Tesla, with a focus on fundamental inventions that will either start a new industry or fundamentally change an existing industry. A system inventor is also a strategist who creates a business strategy and helps with its execution by reducing the cost and risk in development.

A fundamental invention sets a new direction for civilization, often with big economic impacts on the order of \$1 trillion. A fundamental invention may be difficult to understand at first glance since it is beyond the scope of experts. However, it is important for political leaders, business leaders, and the public to be aware of a fundamental invention, and then resources can be allocated for a team to understand and implement the invention. It could mean the rise or fall of a company or a country.

Fundamental inventions by Dr. Hengning Wu (more are coming):

1. Uphone and universal communication system (verified).

During the internet fever, Dr. Hengning Wu identified a system gap and developed Uphone as a system solution. Steve Jobs took the idea to develop iPhone as the most successful product of Apple (\$1 trillion company).

2. Autoway, a new mode of urban transportation.

Fuel efficiency of ~250 mpg (~100 km/l, or ~40 km/kwh). Autoway will address traffic congestion, energy efficiency, carbon emission, air pollution, and traffic safety. A new industry on the order of \$1 trillion.

3. Cell model of urban development.

People friendly sustainable garden city.

4. Interface state, a new world order for peace and prosperity.

The Ukraine war and Iran war could have been avoided if people took the effort to understand the new concept of interface state. Reform of United Nations. Reform of United States. A value to the world on the order of \$1 trillion per year, or around \$100 million per hour.

5. Reverse quarantine strategy for Covid-19 pandemic (verified).

The reverse quarantine strategy could have ended the pandemic in two months, and could have saved 1 million lives and avoided economic losses on the order of \$1 trillion in the United States alone.

Dr. Hengning Wu has written a book **“An Inventor’s vision for America”** (amazon.com/author/hengningwu).