

Introduction to Inventions and Creations

Title of Work: A Smart Balanced Meal Delivery Device

Field: Safety/Security/Protection

Source of inspiration for invention:

It comes from life-every time when serving the soup, I am very careful about spilling the soup. If it spills, it will be very dangerous. So I thought it would be nice if there was a plate that could keep the balance. The waiter would be able to use it. Improve the efficiency of food delivery, especially in the future restaurants may be robots delivering dishes. If there are small obstacles accidentally or guests encounter them, they may spill the soup and improve life-so I wanted to invent a kind of intelligence Balance the delivery tray.

The function of the work:

1. The food delivery tray is detachable, so that it can be used when delivering food manually or on a food delivery robot in the era of artificial intelligence.
2. The meal delivery tray uses the principle of a gyroscope, which can keep the upper dinner plate in balance, even if the delivery person shakes, it will not affect the balance of the upper tray.

3. In addition, the plate is not only used in restaurants, but some elderly people living alone can also use it at home. Because the functions of the hands and feet of the elderly are degraded, this invention can help them very well.

Advantages of the work:

- (1) The dinner plate can automatically maintain a balanced state, which greatly reduces the hidden safety hazards of the soup spilling and scalding people, and increases the safety;
- (2) The dinner plate can maintain a balanced state autonomously, which greatly improves the efficiency of meal delivery;
- (3) The invention can also bring great convenience to some special groups of people (such as the elderly).

