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INVENTION DISCLOSURE

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Name of Invention: Parking System Structure

Brief Description:

A Parking System Structure that uses sensors to detect the presence of a vehicle and automatically open and close the gate.

Details of the Invention:

The invention consists of a parking system structure with a base, a support structure, a platform, and a locking mechanism. The base, support structure, platform, and locking mechanism are all new to this invention. The base provides a stable foundation for the support structure, which in turn supports the platform. The locking mechanism secures the platform in place. The base, support structure, platform, and locking mechanism are all essential to the invention, as without them the invention would not work.

Alternatives

Structural Alternatives:

The parts (steps) could be changed by using different materials, different shapes, different sizes, or different methods of assembly. There is a generic description for some of the parts listed. For example, instead of using a "Machine Screw", a "fastener" could be used, and instead of using "polypropylene", "plastic" could be used. The

functions of the parts could be changed, combined, or eliminated. For example, the parts could be combined to perform multiple functions, or the functions of some parts could be changed or eliminated. Some parts could be left out if they are not essential to the operation of the invention. For example, any extraneous details or measurements that are not essential to the operation of the invention could be left out.

Alternate Use:

The invention can be used for anything other than its preferred use.

Limitations:

There are critical ranges of size, weight, pressure, etc. for some of the parts of the invention. For example, the solution must be heated to a temperature of between 8000 and 1500 centigrade. Some parts must be made of specific substances. For example, the fastener must be a machine screw.

State of the Art:

The function of the invention is currently being done by manual methods such as using a ticketing system or a parking attendant. The closest device (method) to the invention is a ticketing system or a parking attendant. There are other methods such as automated parking systems, automated ticketing systems, and automated payment systems. There are combinations of existing devices (methods) which are similar to the Parking System Structure invention. For example, existing parking systems use sensors to detect the presence of a vehicle and then open the gate to allow the vehicle to enter the parking lot. The Parking System Structure invention performs its function differently from existing devices (methods) by using a structure that is designed to be more durable and secure than existing parking systems. The structure is made of reinforced steel and has a locking mechanism that prevents unauthorized access. Additionally, the structure is designed to be easily installed and requires minimal maintenance.

Be sure to sign and date the form, and have it witnessed by someone who is not an inventor.

Signed: _____

Dated: _____

Read, witnessed and understood: _____

Date: _____

If you have any questions, don't hesitate to contact me.

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