

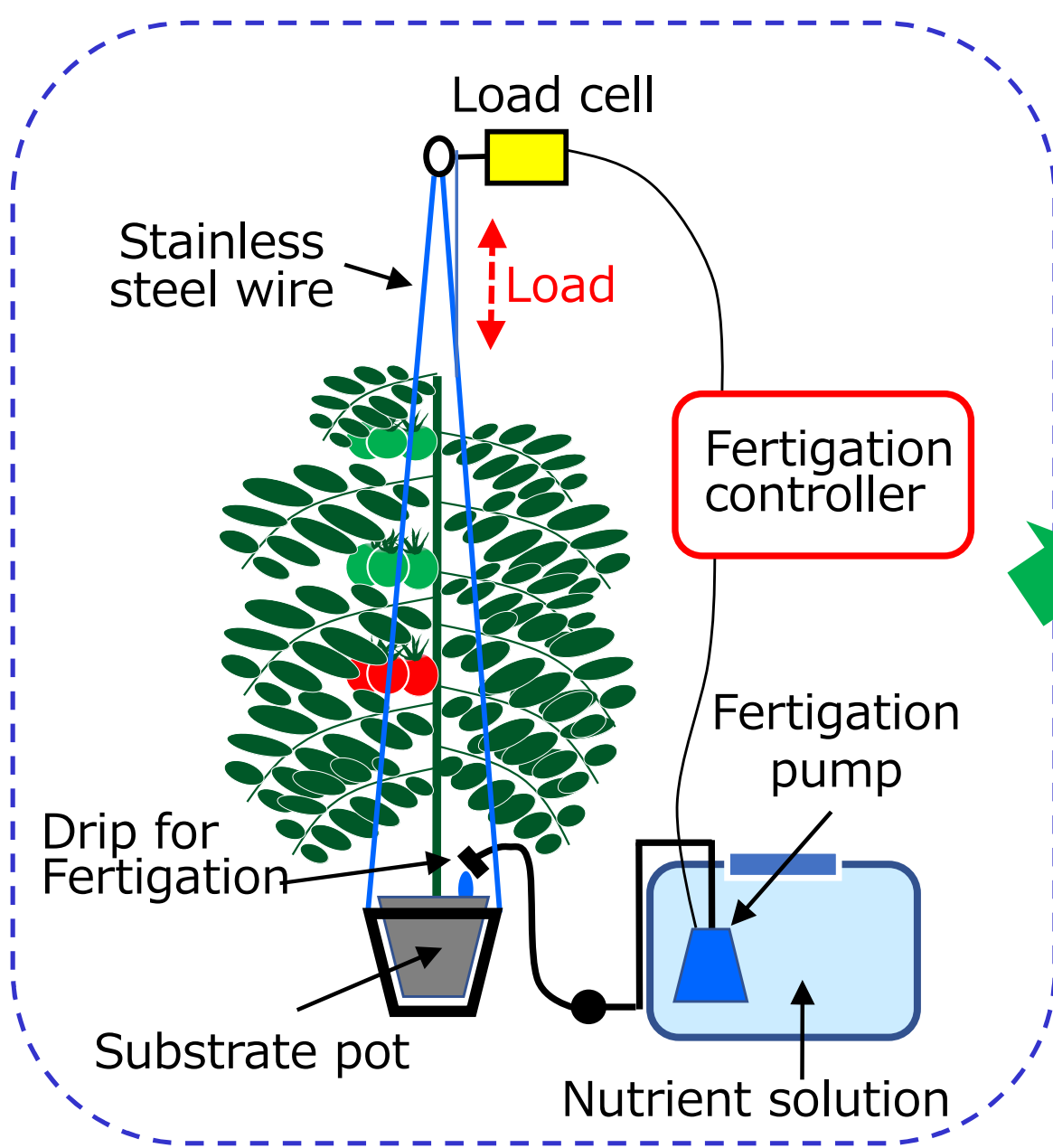
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## 専門分野 Specialty

園芸学、養液栽培、温室環境工学、植物生体情報  
Horticulture, Hydroponics, Greenhouse environmental  
engineering, Plant Biological Information





Japanese Patent No. 6771127



Practical application of controller



Utilization in tomato production

Development of a fertigation Control System Using Load Cells for High-Sugar & High-functionality Tomato Hydroponics

# 研究目的 Purpose of Research in AOI-PARC

## 事業化支援のための基盤研究

Development of basic technologies to support commercialization

○肥料使用量低減を目指した閉鎖式栽培システムの開発

Development of closed hydroponics for fertilizer reduction

○暖房負荷低減を目指した温室栽培管理法の開発

Development of greenhouse cultivation management methods to reduce heating load

○農薬削減を目指した病害感染予防システムの開発

Development of disease infection prevention system