



**Audubon Sugar  
Institute**

Disclosure 0808

## Biomass Reactor

### **Description:**

This invention is a new type of reactor that combines the processes of biomass washing and hydrolysis into one easy step. This is a continuous process that saves on energy and machinery by replacing several mixing processes. In this device, the biomass is progressively liquefied and treated with enzymes to ensure that materials are efficiently converted into potential fuel.

### **Advantage:**

- Lower operating and energy costs
- Higher conversion yields
- Easier operation
- Eliminates expensive machinery

### **Commercial Uses:**

- Solubilize biomass

### **Intellectual Property on the Web:**

[http://www.lsuagcenter.com/en/administration/about\\_us/chancellors\\_office/intellectual\\_property/](http://www.lsuagcenter.com/en/administration/about_us/chancellors_office/intellectual_property/)