

Print Idea
Abstract Name:
WASTE
ORGANIZING
CABINET

Idea Abstract:

Product or Service Description:

The Waste Organizing Cabinet, a recycling equipment, will be produced mostly from recycled plastics, employing cost-effective and innovative techniques. Importance of recycling cannot be over-emphasized. It saves energy and reduces green house gases emission, in addition to conserving natural resources and preventing many other serious pollution problems. Proposed equipment is an indispensable tool to achieve the optimal results. It can ensure the best quality and quantity of recyclables and can help achieve the goal of 90% plus recycling rate, beating Swiss rate of 76%, stopping the waste of money on landfill areas and significantly reducing cities' cost of solid waste management. Moreover it can help to expand the recycling industry to almost half a trillion dollars, creating new jobs and business opportunities.

Customer Definition: Their Needs - Your Solution:

Every home is a potential customer. Waste Organizing Cabinet can fulfill the dire need for efficient and economical equipment to facilitate recycling at homes. It can organize and tame the task of recycling in a way that is almost effortless. It will integrate recycling into our lifestyle with grace, convenience and ease.

Market Description, Size and Sales Strategy:

Every household is a potential customer. It will be sold through retails stores and on the internet. Its marketing should be without any problem once properly introduced through television commercials and trade shows.

Competition:

This equipment is already patented (Patent # 6,209,978), and so far no other equipment comes close to it. (www.gsnsinc.com).

Print Idea
Abstract Name:
FLEX-FUEL
FURNACE/FIRE
PLACE

Idea Abstract:

Product or Service Description:

High efficiency Flex-Fuel Furnace/Fireplace (FFF) will be capable of burning different kinds of fuels, viz., wood (logs, chunks, chips, pellets, etc), coke/coal/charcoal, natural gas, and even electricity. However, the cheapest fuel, especially developed for FFFs, would be composite fire-logs, composed of carbonaceous waste of high calorific value that cannot be recycled and does not make a good feedstock for methanol, ethanol, p-series fuels or anaerobic digestion/co-digestion. Different models of FFFs will be produced, along with the option of retrofitting the old furnaces/fireplaces. Advanced Models would be equipped with advanced scrubbers to treat the flue gases and advanced air filters and humidity controllers for in-door air quality. Standard Models would be convertible to advanced models.

Customer Definition: Their Needs - Your Solution:

Proposed environmentally friendly FFFs, with highest safety standards, will provide real relief in the ever-increasing energy costs. Those with respiratory problems will appreciate the benefits of perfect climate control, along with savings in heating costs. This would be a strong incentive for all households and rental property owners.

Market Description, Size and Sales Strategy:

All homes and commercial properties are potential customers. Unique and innovative features would ensure at least ten percent of market share. Demonstration in trade shows, expos and TV commercials can educate and convince people about energy cost savings. FFFs would be sold through hardware stores and screened HVAC contractors.

Competition:

It is a new concept and can be patented to secure the competitive position.

Idea Abstract:**Product or Service Description:**

Composite Waste Fire Logs (CWFL) will be made up of carbonaceous wastes of every kind, and from every source-- municipal, agricultural, industrial, demolition industry, which have good combustion properties. These wastes are non recyclable and the best indirect recycling practice to divert the load from landfill areas, can be in the form of "CWFL." Furthermore these wastes don't make a good feedstock for methanol, ethanol, p-series fuels, anaerobic digestion/co-digestion, etc. CWFL may also contain waste polyethylene plastics that cannot be recycled for any reason. Similarly these fire logs will have the flexibility to include coal/coke to deal with any severe shortage of natural gas or wood. Wind and solar energy will be the prime mover for almost all units of the semi-automatic log production plant, operated by one or two workers.

Customer Definition: Their Needs - Your Solution:

This cheapest fuel for heating any kind of building, would be the preferred fuel for Flex-Fuel Furnaces and Fireplaces (GSS Project 7). These Composite Waste fire logs can also be used in natural wood fireplaces and commercial power plants.

Market Description, Size and Sales Strategy:

Business to business sale to eager recycling/transfer stations will be the main focus. Volume CWFL sale to dollar stores and the general public will be carried out at the production plant site. In the long run, GSS intends to market Complete CWFL production plants on turn key basis.

Competition:

It is a new concept and can be protected by patents. (www.glossinc.com)

**Print Idea
Abstract
Name:
Composite
Waste Fire
Logs**

**Print Idea
Abstract Name:
GREEN
RESTAURANT
MODEL**

Idea Abstract:

Product or Service Description:

Green Restaurant Model will be a full service restaurant that will use renewable sources of energy for lighting, heating, air-conditioning, and cooking, and would preferably serve organic foods, where costs permit. The kitchen oven would be solar-electric hybrid, along with high efficiency charcoal and wood-fire stoves. The renewable energy sources would include solar photovoltaic, solar water and space heating, geothermal heating and air conditioning, and wind energy, in addition to an anaerobic digester for methane gas production. This model Green Restaurant will serve a wide variety of cold/hot/medicinal beverages, soups, vegetable, sea-food and meat dishes, and desserts. Quality-fresh ingredients will be used to prepare nutritious foods that would be rich in taste, quality, and hygienic standards, at the most reasonable rates. Mechanized food preparation techniques will quadruple chefs output, ensuring consistent quality.

Customer Definition: Their Needs - Your Solution:

People who enjoy eating out are always looking for good places that offer good quality food at reasonable rates. Model Green Restaurant will deliver quality food at reasonable rates, because of mechanization. In the long run GSS intends to offer Green Restaurants on turn key basis.

Market Description, Size and Sales Strategy:

Flyers containing free meal coupons will be distributed to introduce people to the real meanings of quality, freshness and taste at amazingly low prices. Quality food restaurants are always in demand, irrespective of restaurant saturation at any place.

Competition:

Thus far, there exists no restaurant that emphatically offers food put together with green technologies. Moreover, it would not be easy to compete in standard, quality and price.

**Print Idea
Abstract
Name:
FOUNTAIN
BOTTLES AND
SYSTEM**

Idea Abstract:

Product or Service Description:

Drink fountain systems for refrigerators would be a convenient way to dispense drinks (carbonated drinks, fruit juices, milk, mineral water, beer, etc.) with numerous advantages: 1. Convenience in dispensing drinks and better space economy in the refrigerator 2. Energy Savings 3. Reduction in solid waste generation, with usage of big economy bottles that can be reused up to 100 times, preventing million of tons of collected plastics going to landfills. 4. Savings in packaging costs The reusable fountain bottle will be rectangular in

shape with a specially designed stopper. The design is such that it can be used for every kind of drink, carbonated drink which is under pressure and non carbonated drink where air replacement is necessary for smooth flow. Moreover carbonated drinks will retain gas till the last drop in the bottle. New refrigerators will be designed to accommodate fountain bottles and old refrigerator's doors can be replaced, along with some changes in the shelving arrangement.

Customer Definition: Their Needs - Your Solution:

Convenience and savings would be the driving force to convince households to buy refrigerators with drink fountain systems or modify their existing refrigerators to incorporate this system. Both beverage sellers and buyers would benefit from this new system. People concerned about environmental issues would be the early customers.

Market Description, Size and Sales Strategy:

All households are potential customers. Drink fountain bottles and system will be demonstrated in trade shows and TV commercials for public awareness and to involve their interest in these products.

Competition:

A new concept that can be patented to ensure exclusive rights.

Idea Abstract:

Product or Service Description:

Mini Anaerobic Digesters (MADs) would be the best eco-friendly activity to generate Green energy along with reduction in green house gases. MADs will be produced from recycled plastics, and painted with special plastic paints to add strength and insulation. These will be almost automatic, continuous processing plants, needing minimum attention, normally a few minutes a day. Additionally these will be equipped with critically low temperature and pH alarms, in case auto mechanism fails. The digested slurry from digester is an excellent organic fertilizer and soil conditioner. MADs will have holding capacity starting from one quarter ton to about 5 tons, in the price range of \$99 to \$999 with full back up support and warranty.

Customer Definition: Their Needs - Your Solution:

The target audience would be businesses/organizations/industries producing relatively large quantities of biodegradable wastes like leftover food, fruit and vegetable peelings, over-ripped or spoiled fruits and vegetables, date expired foods, etc., including grass clippings. For example restaurant owners will be happy to find a neat and cheap way of solving their waste management problem, in addition to getting some free methane gas for heating/air-conditioning/cooking. Grocery stores, school cafeterias, etc. can benefit from these proposed MADs.

Market Description, Size and Sales Strategy:

Print Idea
Abstract Name:
MINI
ANAEROBIC
DIGESTERS

Target customers, will be contacted through trade shows, e-mailing services, flyers, TV commercials, phones, etc. In this age of fossil-fuel crisis, any relief from renewable resources is the chief desire of the time.

Competition:

It is a new kind of renewable energy business with huge market potential, and can be patented to secure competitive position.

Idea Abstract:

Product or Service Description:

This is the most comprehensive desk organizer with the best space economy for organizing office equipment. It can accommodate almost every item/equipment that one could ever need in his or her office environment. Office items can be integrated to the desk organizer to act as a component of the full-featured desk organizer. By organizing all office products into one unit neatly and orderly, misplacing or losing items becomes a thing of the past. This most flexible desk organizer will be artistically produced in elegant styles, to become the top seller in high end class. In short it will revolutionize the whole concept of office desk organization.

Print Idea
Abstract Name:
NEW DESK
ORGANIZER

Customer Definition: Their Needs - Your Solution:

It is an item of unlimited demand. Every student, every teacher, and every kind of office worker would dream to have one in his or her office.

Market Description, Size and Sales Strategy:

It can make the life of students/teachers/office worker a lot easier and more organized. As such, every household is a potential customer. It will be displayed at trade shows, expos, TV commercials and marketed through retail office stores and the internet.

Competition:

It is already patented, and therefore, secure from competitors.(www.gsnsinc.com)

Idea Abstract:

Product or Service Description:

Comprehensive renewable energy management system is intended to harness more energy than needed in a building. The extra energy can be used for charging plug-in cars or to generate hydrogen for hydrogen cars or at least it can be sold to the local grid. One of main objectives of the comprehensive system is to make renewable energy option more cost effective, by introducing efficiency enhancing innovations and effective integration strategies. The chief components would be:

Print Idea Abstract
Name:
COMPREHENSIVE
RENEWABLE
ENERGY

1) MAXIMIZING SOLAR, WIND, AND GEOTHERMAL ENERGY CAPTURE
2) AN ENERGY RESERVOIR CUM WATER HEATER 3) MULTIPLE EFFECT GENERATION SYSTEM, USING BINARY AND ABSORPTION TECHNOLOGY 4) SOLAR-ELECTRIC HYBRID COOKING RANGE/OVEN THAT CAN BE FULLY COMPUTERIZED WITH THE OPTION OF SEMI OR FULLY AUTOMATIC COOKING 5) ENVIRO-FRIENDLY, FLEX-FUEL FURNACE/FIREPLACE WITH COMPLETE CLIMATE CONTROL

Customer Definition: Their Needs - Your Solution:

This big project with far-reaching effects, is aimed at solving the energy and environmental problems in cost effective and meaningful way. Because of ever-increasing costs of fossil-fuel-based energy and environmental concerns, there is huge demand for renewable energy. All kinds of buildings---homes, commercial buildings, schools, colleges, governmental office, etc. are potential customers.

Market Description, Size and Sales Strategy:

A model home or building with fully-installed comprehensive renewable energy management system will be open to the general public for demonstrations. This will practically demonstrate usefulness and potential of the system. Moreover, it would not be like buying a hybrid car where you pay upfront what you expect to save in the life of a car.

Competition:

It's a new and comprehensive system for renewable energy management that can be protected by about a dozen patents.