



Grell & Watson

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DOCUMENT YOUR INVENTION FORM INSTRUCTIONS

(Estimated time 2-8 hours)

The following instructions apply to the corresponding numbered sections of the [Document your Invention Form](#).

1. Today's Date: Enter the date you are completing this form. (mm/dd/yyyy).
2. Inventors: Enter the Name, Home Address, State, Zip & Country of Citizenship for each inventor who individually or jointly, contributed to the Invention (i.e., the conception and reduction to practice of your invention). Do not list any inventor as a favor since a US patent application can be filed only in the name or names of the true inventors, and no one else. To add an inventor to the table, click on the row outside the box of the last inventor row (iii) and press return.
3. Title: Create a short title of 2-7 words, sufficiently descriptive to identify the general nature or subject matter of the invention. Such as: "A product for ____"; "A system for ____"; "A method of ____." Do not include a description of what you consider to be novel about your invention.
4. Purpose: Provide a few-sentence description of the purpose of your Invention. What do you do with it. How does it work. "A better way to detect leaks under a car"
- 5.1 Provide a list of elements/parts of your invention and its purpose. Name each part of your Invention and give a brief description of any alternative options. For example you may attach parts 1 and 2 with a nut and bolt. "An attachment device, such as nut and bolt to affix part 1 and 2 and may include other attachments devices such as screws, nails, welding, adhesive, Velcro and the like."
- 5.2 Brief Summary of the Invention. Briefly describe the Invention by describing the Problem you ran into and how your invention solves the Problem.
6. List each advantage of using your invention over the prior products or services. Describe the Problem and how your invention solves the Problem.
7. Drawings: Provide sketches/diagrams/pictures (more the better) in this disclosure, with a brief description of each, to fully illustrate your invention. Name the parts of your invention by drawing a line to each part and naming the part.
 - A) Drawings/Pictures needed for a (mark figure with a line pointing to the parts and add name of part or element):
 - 1- View of the whole Product
 - 2- View of a disassembled Product
 - 3- View of Product in use; OR
 - B) Drawings/Pictures needed for a Process (New App for the phone, software, website):
 - 1- flow charts. i.e., showing steps or process a user or server goes through to perform a new task (i.e., flow chart step 1 -user creates an account: type in domain name, server supplies home

page, user enters contact info, press send, server receives data file and stores record in database.) Google flowcharts for examples.

2- screen shots a user would see in each step of your flowchart that is new (i.e., screen shot 1 - user creates an account: website page or mock screen of contact information form.)

8. Brief Description: A) As best you can, provide a detailed description of each sketches/diagrams/pictures of your Product. **i)** Describe each and every element/component by its technical name; describe its physical features (“element 12 includes sides 111, 112, 113, and 114, top 115, and bottom 116 arranged in a cube”); describe what the invention does (element 12 is capable of releaseably retaining an article, in a desired position”); describe how it functions (“In use, element 12 ___”); describe what it’s made of or could be made of (“element 12 is formed/constructed of a suitable material, such as wood, plastic, metal, cardboard, rubber, foam, or the like”); describe the purpose of the invention (“element 12 is utilized for _____”); describe how it works or relates to the other elements (“element 12 is affixed to element 14 by _____ “); and describe any known substitutes of each element/component of the invention; **ii)** If known, describe any alternate embodiment(s) of your invention (other ways of making or practicing your invention, possible modifications or variations on your invention) in the same manner as above. Step back and think of other ways of achieving your invention. If this seems overly complicated, then, as a minimum, describe your invention, its general purpose, and how it works and features believed to be new. **iii)** Describe how you use your invention. OR B) As best you can, provide a detailed description of each step of your Process. Provide written description explaining each step in your process. i.e., Flow chart step 1 -user creates an account: type in domain name, server supplies home page, user enters contact info, press send, server receives data file and stores record in database.

Please note that a [Non-Disclosure Agreement](#) should be executed with all third parties prior to disclosing your invention. Do not publicly disclose/display, offer for sale or sell your invention without first seeking the advice of a Patent Attorney and protecting your invention with a patent. This [Document your Invention Form](#) does not provide you with any rights to your invention; rather, a patent application only begins the process of protecting your invention.

DOCUMENT YOUR INVENTION
SAMPLE1 DRIPID

	1. Today's Date:	
INVENTOR (S)		
<u>2. Name</u>	<u>Home Address</u>	<u>State/Zip/Country</u>
i Mat Grell		
ii		
iii		
3. Title of Invention: Vehicle maintenance identification apparatus		

4. Purpose: The invention relates to vehicle maintenance identification apparatus, and more particularly pertains to a vehicle fluid drip mat for receiving and identifying the fluids drippings from a vehicle, the conditions of the tire tread, tire pressure and the identification of any foreign particulates or excessive emissions found in the exhaust.

In use, the vehicle maintenance identification apparatus functions as a planar bottom absorbent mat configured for placement beneath a vehicle with said mat having stenciled regions drawn on the mat defining a collecting area for receiving and identifying material such as vehicle fluid drips.

5.1 List all parts of the Invention

- a. Absorbent mat 4'x4' (10)
- b. Stencil engine components on mat, radiator, engine, transmission, etc. (20s)
- c. Instruction, color code of engine fluids

5.2. Brief Summary of the Invention

Vehicle maintenance identification apparatus comprises, in general, a fluid drip, tire tread, tire pressure, and foreign exhaust identification apparatus for a vehicle and the like. The inventive device includes a mat with stenciled regions drawn on the mat that identify various vehicle systems, which is placed beneath a vehicle, whereby each region defines a receiving area for identifying fluid drips, particulate, or excessive emissions from a vehicle system and a tire platform comprised of a deformable material for measuring the tire pressure and tread depth.

In use, the vehicle maintenance identification apparatus functions as a planar bottom absorbent mat configured for placement beneath a vehicle with said mat having stenciled regions drawn on the mat defining a collecting area for receiving and identifying material such as vehicle fluid drips.

6. List of Advantages of your Invention

A feature of the present vehicle maintenance identification apparatus is its ability to identify vehicle fluid drips based on its proximity to a vehicle system which is dripping the fluid, including motor oil, power steering fluid, transmission oil, differential fluid, brake fluid, constant velocity (CV) joint, steering and suspension joints, battery fluids and/or radiator fluid and the like. The term fluid or material includes the above fluid as well as liquids and/or semi-solids such as grease.

Another feature of the present vehicle maintenance identification apparatus is its ability to identify vehicle fluid drips based on the color or texture of the fluid, including motor oil, power steering fluid, transmission oil, differential fluid, brake fluid, constant velocity (CV) joint, steering and suspension joints, battery fluids and/or radiator fluid and the like.

7A. Brief Description of the Product Drawings

FIG. 1 is a top view of an apparatus according to an exemplary embodiment of the vehicle maintenance identification Product; and

FIG. 2 is a top view of a schematic of an apparatus according to an exemplary embodiment of the vehicle maintenance identification Product.

8A. Detailed Description of the Product

Referring now to FIG. 1 on page 4 and FIG. 2 on page 5, there is illustrated a preferred (article) vehicle maintenance identification apparatus 10 is comprised of mat 14 preferably a planar, rectangular sheet of material, which will substantially traverse the width between the wheels W of the vehicle and the length of the engine but can be any desired size up to and including the width and length of the entire vehicle. The mat 14 can be composed of an absorbent, semi-absorbent or impervious material. In its simplest form mat 14 is comprised of a single layer of material such as closed cell foam, which is capable of being stenciled or marked as shown in FIG. 1 or as required by the specific configuration of the systems of the vehicle of interest. If the material chosen is light in weight and can be shifted from its current position by the air movement around the vehicle or the environment then an adhesive may be applied to mat 14 to secure it to the surface to prevent shifting or movement of the mat. Mat 14 can be comprised of any material that can be stenciled such as closed cell foam, foam rubber, rubber, plastic, fiber, fiber board, paper, pressed wood, cellulose or the like. In addition, mat 14 or its upper most layer can be white or light in color to assist with the identification of the various vehicle fluids or particulates collected on the mat.

The mat 14 is configured for a typical front wheel drive vehicle. Battery 21, 22, 23 is stenciled in regions where a majority of the front wheel drive vehicle batteries are located, including left front corner of the vehicle, right front corner of the vehicle, or the region behind the right front wheel W well. Fluid drips from this system include water, acid, white corrosive film or other debris. Radiator 24 is stenciled in a region where a majority of the front wheel drive vehicle radiator systems are located, including front and centered between the front wheels W of the vehicle. Fluid drips from this system include water, antifreeze or coolant, which may be clear, yellow, blue, green or a combination thereof. Transmission 26 is stenciled in a region where a majority of the front wheel drive vehicle transmission systems are located, including centered between the front wheels W of the vehicle or offset from said position. Fluid drips from this system include transmission fluid, which may be clear, red or a combination thereof. The drive system is made up of constant velocity (CV) joint and boot 27, which are stenciled in a region where a majority of the front wheel drive systems are located, including the left front wheel drive system starting with the left side of transmission 26 to the center of the left front wheel W by passing through a transmission side CV joint and boot 27 and a left front wheel W side CV joint and boot 27 and the right front wheel drive system starting with the right side of transmission 26 to the center of the right front wheel W by passing through a transmission side CV joint and boot 27 and a right front wheel W side CV joint

and boot 27. Power steering 25 is stenciled in a region where a majority of the front wheel drive vehicle power steering systems are located, including centered between the front wheels W of the vehicle and behind radiator 24 or behind the transmission 26 as shown. Fluid drips from this system include power steering fluid, which may be clear, red or a combination thereof. The remaining area of mat 14 may catch vehicle fluid drips from the vehicle motor, brake lines, shock absorbers or other systems.

FIG. 1

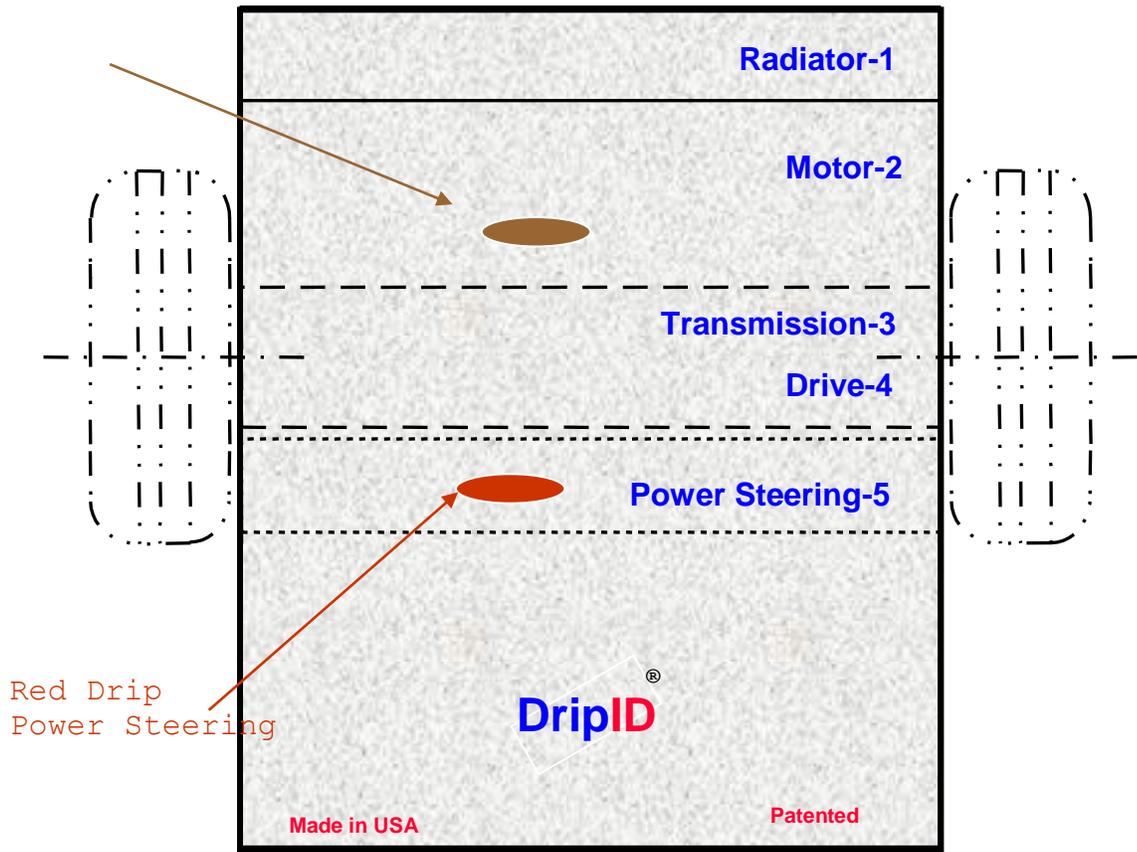
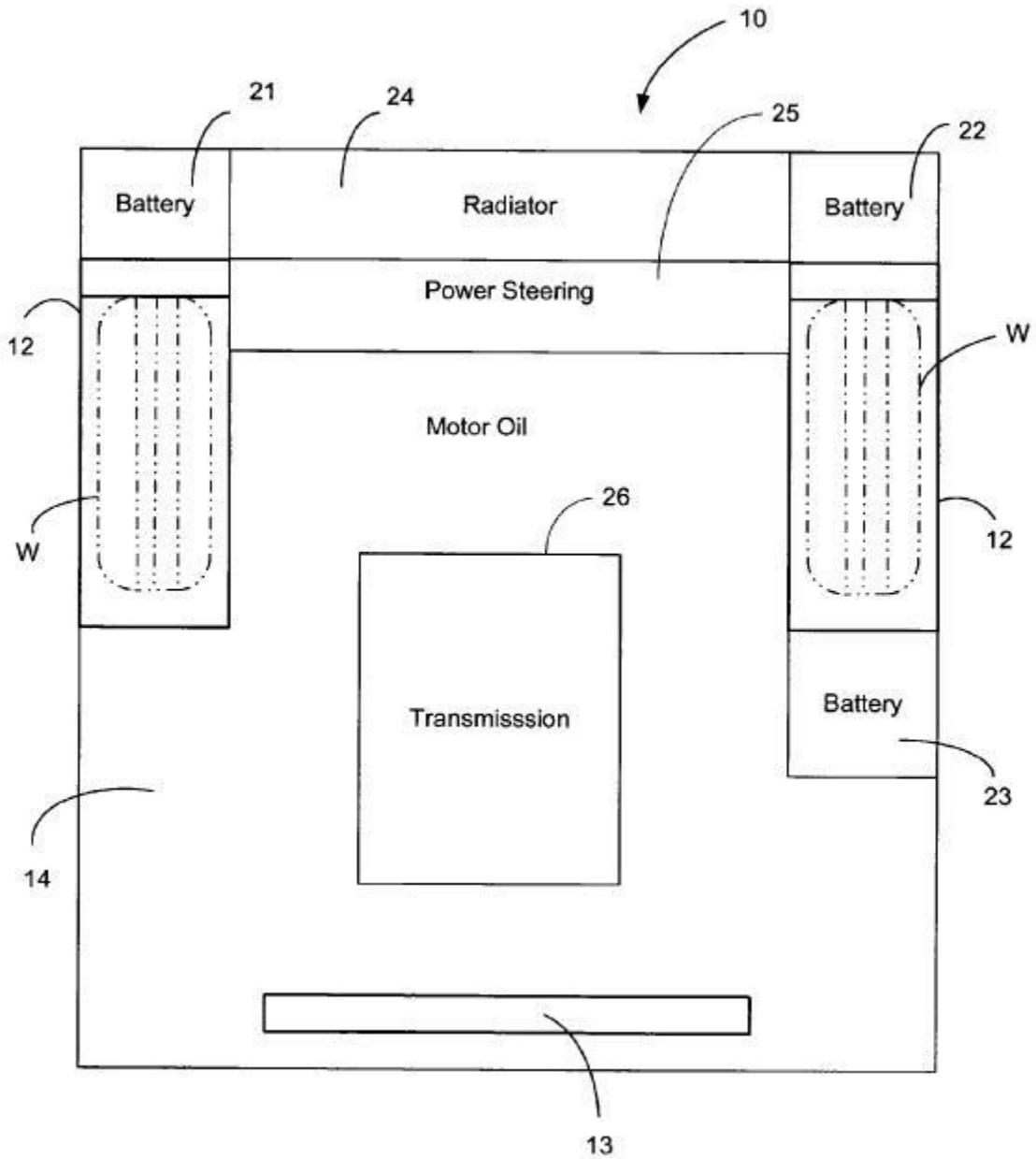


FIG. 2



Inventor Start, Grell & Watson Patent Attorneys LLC nor any of its employees, members, or agents shall be obligated to perform any work unless an engagement agreement is executed and the requested retainer/fee is paid.

OR

7B. Brief Description of the Process Drawings

FIG. 5 is a view of a flow diagram according to an exemplary embodiment of the steps of Process; and FIG. 6 is a top view of a schematic of an apparatus according to an exemplary embodiment of the vehicle maintenance identification apparatus.

8B. Detailed Description of the Process

Referring now to FIG. 5 on page 8 and FIG. 6 on page 9, there is illustrated a preferred flow diagram of Process. In step 1 Calling Party dials routing Number.. Another example -user creates an account: type in domain name, server supplies home page, user enters contact info, press send, server receives data file and stores record in database.) Google flowcharts for examples. FIG 6. A mock screen shot of a webpage or screen display showing what a user would see in each step of your flowchart i.e., screen shot 1 -user creates an account: website page or mock screen of contact information form.

Flowchart Steps

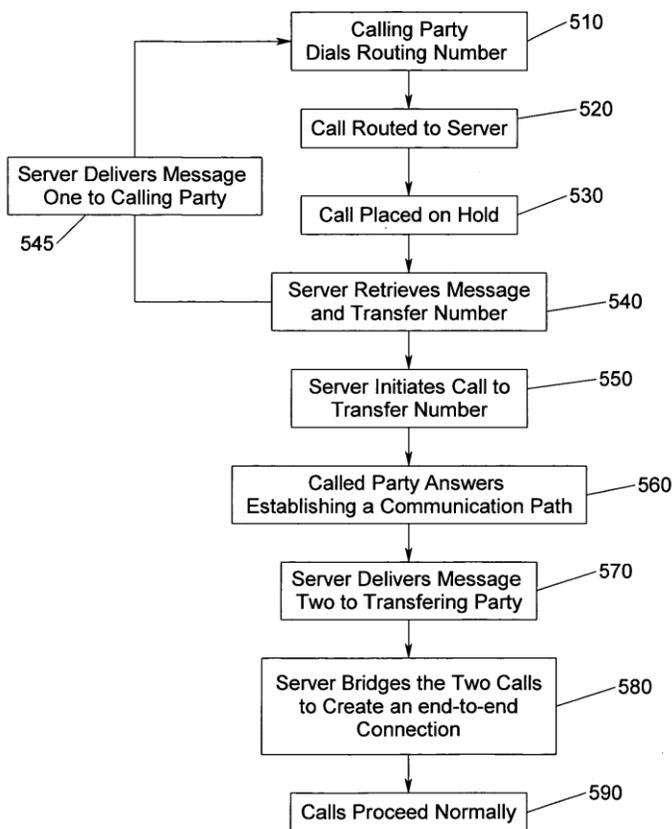


FIG. 5

Mock Screen Shot or Webpage

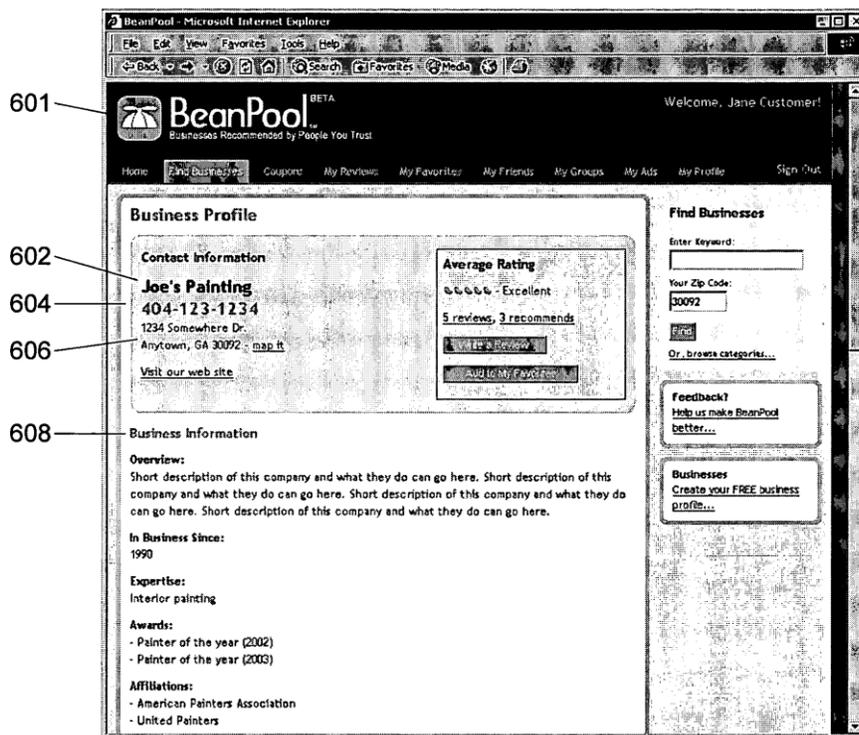


FIG. 6