


PATENT SUMMARY APPLICATION [Inventions Programs Application Checklist]

Invention Name	GPS glasses X
Inventor Name	Wilmer Dumaguala
Signature of Inventor	<i>Wilmer Dumaguala</i>
Date:	04/09/2013

Your final deliverables checklist – attached ALL that have already had due dates in class (i.e, Pitch/Proposal, Research, Journals to date, description, drawings or sketches, mock up prototype where applicable, plus the Project Summary Sheet

Enclosed:	
✓	<p>Project Pitch/Proposal</p> <p>The imaginary project I will work on is on the GPS glasses. The GPS glasses would have build on gps navigation system. The user wears the glasses as any other glasses. This kind of glasses would act as a gps navigation also as shades for protecting form strong rays form the sun and would act as a regular glasses for those user with low visibility. The user would have the ability to toggle between the interfaces adjusting to his/her will. This GPS glasses will be equip with high tech. The user will be able to use it as a gps without overlapping the visibility to see or causing any warm to the user. As the user wears the gps glasses, the user can toggle between “shades, regular or gps”. if the gps is chosen then it will activate the navigation system and the voice command asking for two points address “A” current location and address “B” destination.</p> <p>The user has the option to type it him/herself by touching the lens as a touch screen or he/she can use the voice command and just speak the two points. The gps option on the glasses will ask like any other gps will ask the city, state address and zip. Once the two points are accepted the gps glasses with then scan the area by tracing the outlines of any object that’s on the road sort of like using the trace tool on Photoshop. It will constantly trace over any new object that keeps appearing on the road. The tracing method on the glasses will be so thin that it wouldn’t distract the user’s eyes.</p> <p>The scanning and tracing will be done immediately. The lanes on the road will highlight slightly notifying the user which exit to take or which lane to switch into. The other option is the shades in which it the brightness of the lens will darken protecting the user’s eyes form the strong rays of the sun but still be able to see the road clearly. The regular option will be for those users who have low visibility. The user will be able to focus it into place by rotating a little button at the right visibility for the user to see.</p> <p>The technologies I will be searching on how to mount or program the gps navigation into the glasses without adding much height to it. I will also be required to do search for lens that can be both touch screen and eye visibility. It will include voice recognition and auto scan area</p>

	<p>tracking. This will benefit for all user who drive or have a car and especially for those user that travel a lot. This will help any user on the road from mounting a regular gps on the windshield and from having it to fall every time. With the GPS glasses the user no longer have to move its eye from left to right constantly looking at the road and the gps</p>
✓	<p>Results of patent/product search;</p> <p>I think the GPS is a great idea. Now, just for clarification is the user going to see the lines, which he/she has to follow, or they will use the voice for guidance. Also nighttime can have something that is for night vision or the GPS lines to change its color for better viewing.</p> <p>You can see this sites for some research: http://www.gizmag.com/oakley-airwave-goggles/24748/ http://www.techhive.com/article/202689/Want_GPS_Navigation_In_Your_Glasses.html</p>
	Research in the field and satellite fields (if applicable)
	List of all activities and contacts pertaining to the invention;
	Journal Entries
	Complete and cohesive description of my invention;
	Drawings or sketches
✓	<p>Mock-up or prototype (if possible)</p> 
	Project Summary Sheet

Project Summary Sheet

This sheet needs to be filled out even though you have written the information on other parts of the application. You also need to attach a photograph, sketch, or simple drawing if you have one and still include them in the application. This sheet is a reference sheet and should be as accurate as possible.

<input type="checkbox"/> Type of Intellectual Property Protection you have on your invention. (circle one that would be appropriate) ○ <ul style="list-style-type: none"> • Utility Patent • Utility Patent Application • Design Patent • Design Patent Application • Other (specify):
<input type="checkbox"/> Description of invention and what it does: two or three sentences that would give someone a general idea about your invention, but does not necessarily give details on how it works. <p style="color: red; margin-top: 10px;">The GPS glasses X would have build on gps navigation system and the users will wear the glasses as any other glasses. This kind of glasses would act as a gps navigation also as shades for protecting the users eyes form the strong rays of the sun and would act as a regular glasses for those user with low visibility. The user has the option to toggle between the functions. It will also be able to touch screen where he/her can touch the lens to input the directions or he/she can use the voice command.</p>
<input type="checkbox"/> Give three selling/advantages points that your invention has over its competition. Remember, everything has competition- before paper clips and staples, people folded the corners of pages over to hold them in place. <ol style="list-style-type: none"> 1. Three in one features GPS, shades, regular glasses to adjust the focus. 2. The GPS glasses X will be in your face and will navigate you safely. No more taking your eyes of the road to look at a gps. 3. easy usb rechargeable/ long lasting battery life
<input type="checkbox"/> Do you have a prototype? If yes, please attach a photo here. If no, please sketch out the concept to the best of your ability.

INVENTION INFORMATION:

Name of Invention	GPS glasses X
Clarify what your plans are in regard to each of the following	
Feasibility Study Technical	
<p style="color: red;">The GPS glasses X consists of a battery, a microcomputer with GPS receiver, magnetic directional sensor. During the night the GPS glasses would have the same method of guidance. It will scan the area and trace all the objects that are on the path of the lens. To be traceable the object has to be in a certain distance so it can be scan by the GPS glasses X.</p>	

Review Design Assistance

Manufacturing Advise

Materials Advise

Technical drawings

Prototype

Business Plan

Initial Marketing

Consolation
Marketing Plan

General Feedback

Referral to appropriate service providers

Patentability Opinion

Provisional Application for Patent

Patent Application Reviewed

Assistance with form preparation

Trademark and Copyright Assistance

Other (specify) _____

INVENTION DEVELOPMENT:

<input type="checkbox"/> Date of Initial idea (month/year)	2013/04
<ul style="list-style-type: none"> • Problem statement • (what problem lead to the creation of your invention) 	Accidents on the road from having to take your eyes of the road to look a gps on the car's dashboard And for having your gps fall from your car's dashboard
<ul style="list-style-type: none"> • Resolution statement • (how does your invention solve that problem) • 	The GPS glasses X will be in your face so there's no reason to be looking around than just straightforward and focusing on the road
<input type="checkbox"/> What makes your invention better able to solve this problem more effectively than what is currently being used?	It will reduce car accidents and death rates on the road

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LEGAL:

<input type="checkbox"/> Have you presented your idea to the public (the IAS, a patent professional, family members, or co-inventors are NOT considered to be public)?	
<input type="checkbox"/> If yes, when did you first present?	
<input type="checkbox"/> Do you have a journal?	
<input type="checkbox"/> Have you sought the advice of a patent professional (lawyer or agent)?	
<input type="checkbox"/> If yes, please list who you are using:	
<input type="checkbox"/> Are you planning on pursuing a patent?	
<input type="checkbox"/> If you are already under patent protection, please give the patent number	n.a
<input type="checkbox"/> If you have filed a provisional patent, when does your one-year time limit expire?	n/a

MANUFACTURING:

<input type="checkbox"/> What safety/health concerns do your product pose?	
<input type="checkbox"/> What material(s) is your invention made of?	
<input type="checkbox"/> What manufacturing processes will be involved in making your product?	
Approximately how much will your product cost per unit? <input type="checkbox"/> (Think about how much each component costs plus the labor)	\$ _____

MARKETING RESEARCH:

<input type="checkbox"/> What is your goal for this invention (venture or license)?	
<input type="checkbox"/> Can your product be sold at the retail level for 3-5 times the cost to make it?	
<input type="checkbox"/> Who is your target market for this product? (be specific)	For everyone on the road
<input type="checkbox"/> Can your target market afford to pay the retail price for the item?	
<input type="checkbox"/> What benefit will the target market reap?	
<input type="checkbox"/> How does the benefit outweigh the cost?	

Please list all patents that you have researched concerning your invention. Also state how yours is different than what is presently patented.

My idea of my GPS glasses X will be close to the Google glasses invention but without so much content on the screen of the glasses. The GPS glasses X will have the navigation system without adding much height to it, so it wouldn't be height that the glasses will come off. url's <http://www.ubergizmo.com/2010/08/gps-glasses-tell-you-if-youre-headed-in-the-right-direction/>

Please list any additional products that are on the market that are similar to yours. Please explain how your concept is better.

The GPS glasses will be wearable computing mainstream, and it's effectively a smart pair of glasses with an integrated heads-up display and a battery hidden inside the frame. There will be a GPS chip, and the lightweight and flexible glasses design will come in many colors. In the article of tech radar <http://www.techradar.com/us/news/video/google-glass-what-you-need-to-know-1078114> it shows how to have the GPS glasses design in one way but in my invention the a GPS glasses X will be a full lens for both eyes. It will be adjustable to fit any person

List all contacts [you would have] made concerning this invention: (Patent professionals, market research, professionals in the field, etc.)

Please list any additional factors that are important to this project:

Please describe, in detail, your invention. Be sure to include shape, features, how the invention works, as well as what it does.

As the user wears the gps glasses, the user can toggle between "shades, regular or gps". if the gps is chosen then it will activate the navigation system and the voice command asking for two points address "A" current location and address "B" destination. The lanes on the road will highlight slightly notifying the user which exit to take or which lane to switch into. The regular option will be for those users who have low visibility. The user will be able to focus it into place by rotating a little button at the right visibility for the user to see. The other option is the shades in which the brightness of the lens will darken as tinting the glasses protecting the user's eyes form the strong rays of the sun but still be able to see the road clearly

Please sketch or draw your invention in ink. If you have computer-generated drawings, please attach as well. Be sure to show how your invention works and is assembled. Please include a sketch or photo of your invention in use.



