

Making

A



The story of the WoodMobile

CAR

FROM

METAL

&

WOOD



What you need to make this car



- Three pieces of wood
- Two small metal pipes
- Three thin metal rods
- A piece of thick wire
 - A saw
 - A drill
 - A drill top
- A crown sawer
 - A sander
- Four washers*
- Some aluminium tape
- An amazing grandfather
 - A workshop
 - A LOT of time





Official winner of

“The best grandpa worldwide”

Dimitar

(my grandfather

&

Main inventor #2)

Victor

(my brother

&

the person

the whole project was for)

Alexander

(me

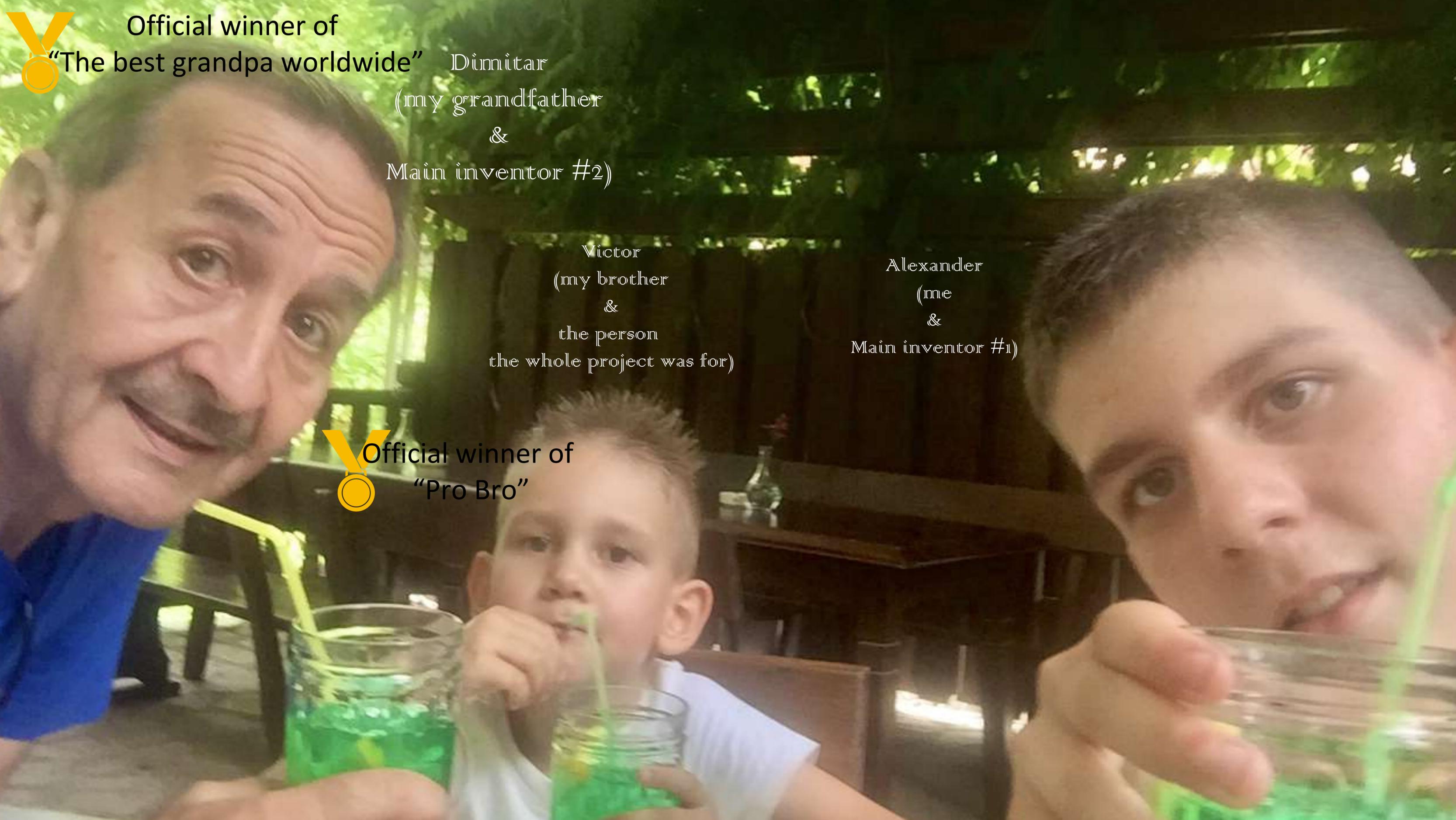
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Main inventor #1)



Official winner of

“Pro Bro”





Now let's make it!

Part 1

Preparing all the parts

Step:1

Body

Here we go!

First we will make the body of the car.

First off-choose a plank with the height you want your car's body to have. Then make the measurements-width and length, and cut them. You can make the corners smoother by cutting them and smoothening the edges after that with a sander.

Then you do the same with another piece of wood, which has to be as wide as the previous part, but shorter. This is the coupe of the car. Cut one of the shorter edges sharply, so you can get a front windshield.



Step:2

Wheels

Here we will not discuss only how to make the wheels, but also the axels. First, what you want to do is to make two holes—one at the front and one at the back. PLEASE NOTICE! The holes must have the same radius as the pipes.

Then you put the pipes in the holes. After that you need to cut two wooden circles with the wanted thickness using the crown sawer. The last step is to cut the axels from the metal rod.



Part 2

Making it

Step:3

Putting it all together

First of all let's finish the body.

You take the two parts you made for the body before and you stick them together. Then you add the wheels.

Technically that's all you must do-make the basic form, but here comes another section with much more stuff to do...here they come.



Step:4 Details

Oh, boy, is there a lot to do here...

First—the car wouldn't be road-legal without lights. Let's add some! Me and my grandpa used pellets from ball bearings, made two holes and stuck the pellets in.

And for the tail lights we simply put two pieces of red plastic, but you can also use some red paint in the holes and then put warm silicone over it.

You can also put a bull bar from some wire.

And the exhausts! Make two holes on the back or on the side with the same thickness as the pipe you're using. Then cut piece of the pipe and stick it in the hole.

Last, but not least—make a grill for the front, using the fabric or some aluminium tape, which you can paint with a permanent marker.



A wooden toy car with four wheels and a metal handle. The car is made of light-colored wood and has a simple, classic design. The wheels are large and have a slightly textured surface. The handle is made of metal and is attached to the front of the car. The car is shown from a side-on perspective, resting on a light-colored surface.

Well, the was all from me!

Hope you enjoyed this presentation. If you have any suggestions, questions or comments, I will gladly answer.