
KEELYNET

Bedini Simple Science Fair motor - 03/08/00

Thanks to [John Bedini](#) for sharing this information,
more info will be added as he can provide it.

A 10 year old girl builds a science fair project that appears to be unusually efficient.

Subject: Real Motor built by 10 year old
Date: Tue, 7 Mar 2000 23:27:30 -0800
From: [john1](#)
To: [Jerry Decker](#)

Jerry,

Here is a little girl that I talked to about a motor and she built it with a little help on the phone, it generates power and runs at 4000 rpm. Here is the MPG of all the since fair awards she took with one of My Motors. Still plugging away through schools now with the kids.

John

Subject: Re: Real Motor built by 10 year old **Date: Wed, 8 Mar 2000 18:26:38 -0800**
From: [john1](#)
To: [Jerry W. Decker](#)
References: 1 , 2

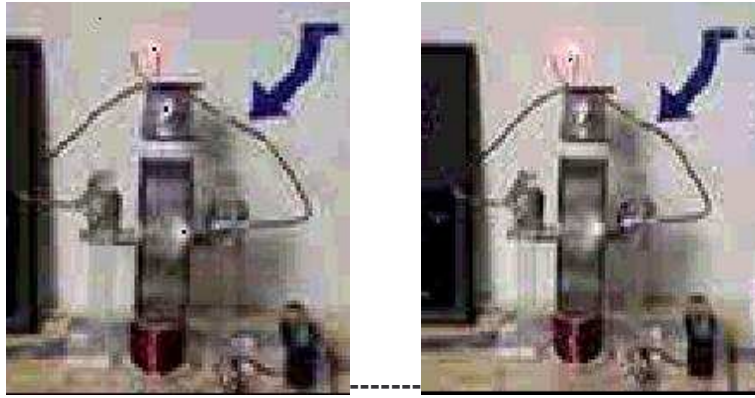
Jerry

This is the all North Pole Motor, the Led on the top is the generator, she built this Motor all by herself, she took all the first place ribbons plus a special award in science it used a nine volt battery and ran the whole time the science fair was on for 5 days when they stopped it.

I say that if a ten year old can do this and win what the ***** is wrong with the whole world.

John

[674kb Motor Video](#)



Two stills from the video showing the motor running from a single 9VDC transistor battery and running a generator that lights the LED on top.



A diagram of the motor showing the magnets between two cylinders which apparently are forced to spin when the coil at the bottom pulses and where the coil at the top generates current to drive the LED.

Looking at the picture, it appears the shaft of the wheel is driven by a slot car type motor that is driven by the battery.

As the wheel rotates, the magnets between the discs induce current in what looks like a coil on the bottom which recharges the battery??? And another coil on top which lights the LED???

Sorry, I don't have the exact circuit diagram yet but John will update when he gets a chance.



Some of the ribbons and awards won by this amazingly simple highly efficient science fair demonstration motor.

If the motor is a 1.5vdc slot car motor, they easily draw from 200 milliamps (300 milliwatts) to 500 milliamps (750 milliwatts). 4000 rpm with this kind of power usage should NORMALLY drain that 9VDC battery in a couple of hours.

John says this circuit ran for 5 days (120 hours!!) on the single 9vdc battery, that is amazing and the girl should be congratulated for demonstrating it to win the science fair awards.

This file will be updated either with a URL pointing to the circuit on Johns webpage or updated within this document.

03/09/00 - 1:45AM - John wrote this after I posted this file so I am appending it as additional information since he gives the location with all the specs to build your own motor and prove it for yourself.

Subject: Re: Real Motor built by 10 year old

**From: "john1"
To: "Jerry W. Decker"
Jerry**

This battery was measured by the science teacher before the motor was turned on and it measured 8.9 volts.

These batteries are usually 400 millamps batteries for one hour, The motor was running on 22 millamps at 4000 rpm.

When pulling the generator load the current draw on the battery went down to 13.2 millamps;

(look for the all North Pole Motor in the notes)

[this is the same motor that anybody can find in the lab notes on My page.](#)

It's like I have said all along these motors when built like I have said not changing anything have no problem doing this, is why Jerry I could win your contest anytime I have a motor setting on the same batteries for 12 years at My shop.

Jerry don't take My word for this, write Thomas Bearden and ask him what the batteries looked like when they fell out of the machine in front of him and then ask why the motor kept speeding up while it was running under load.

I will make you a MPG of this motor if you want it. I have always given all the information out on these motors and G-Fields, except you will find that people always change things before studying the results.

I have been doing these motors for a very long time, In my life I have found the answer to getting results and this is with the school kids because they do not change things and they learn, while the others change things.

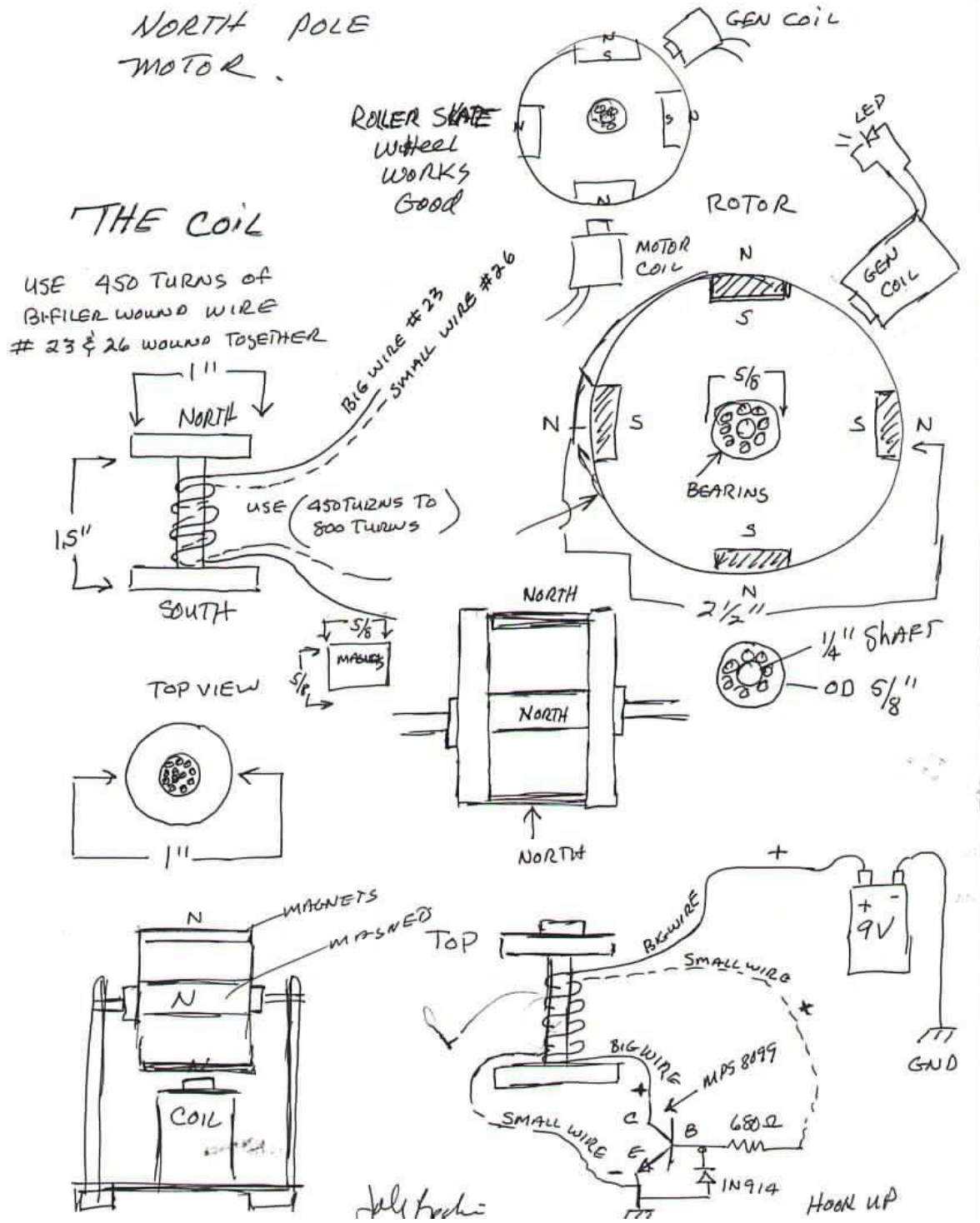
Jerry if people would just build it the way the inventor said get the results the inventor claimed, and then make improvements we would be energy efficient right now.

Just wait till GAS goes up to \$2.50 a gallon lets see what happens.

John

John courteously sent this cool diagram on 03/20/00, of the motor the 10 year old built and he gave me permission to post it, it is so clear that I decided not to redraw it. If you choose to build this very simple motor, please share your thoughts and experiences with us and/or with John, though we'll certainly pass any input on to him in

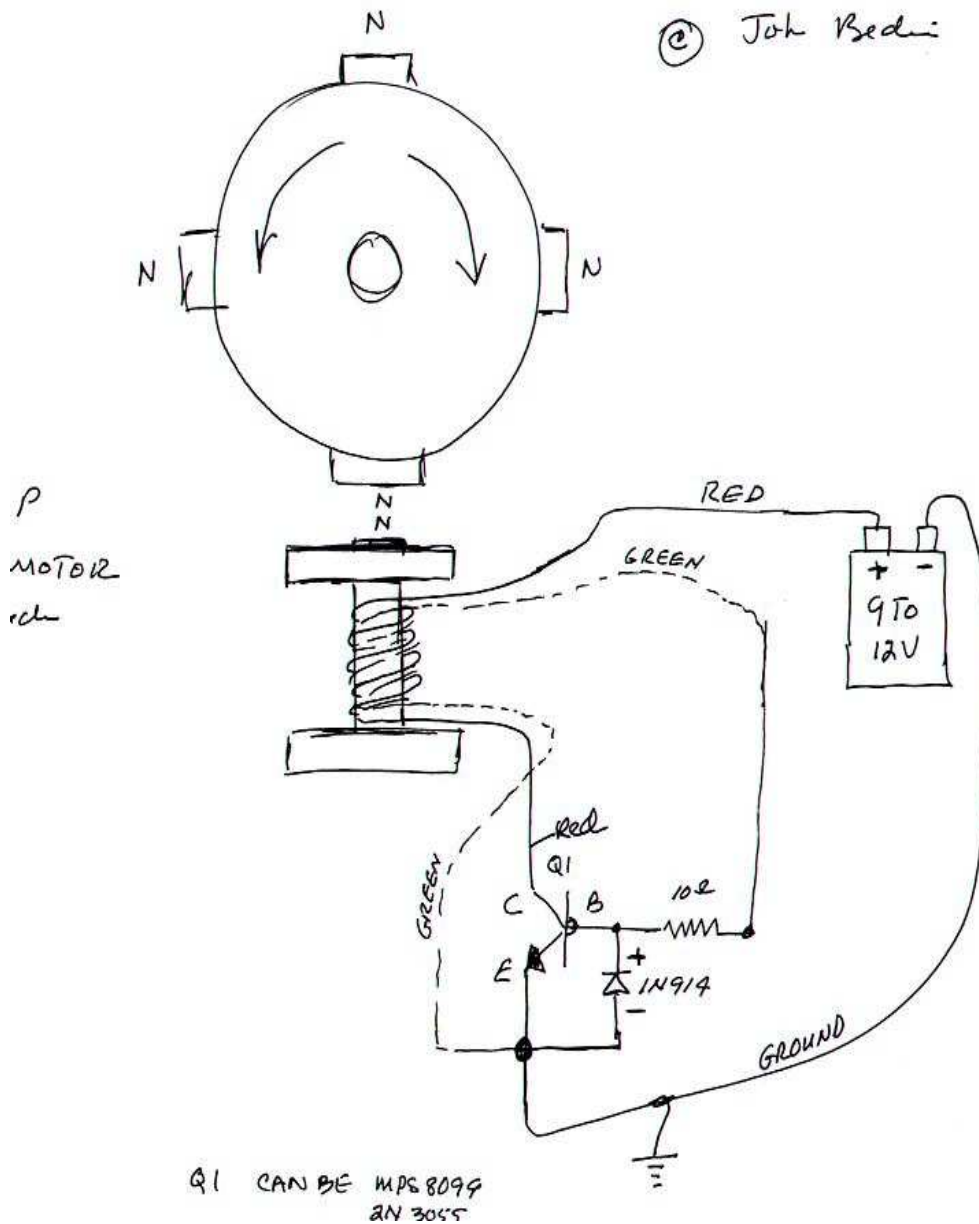
appreciation for his sharing it.



As of 03/26/00 - John sent another diagram showing the transistor and arrangement to clarify questions posted at [the KeelyNet Interact discussion list](#)

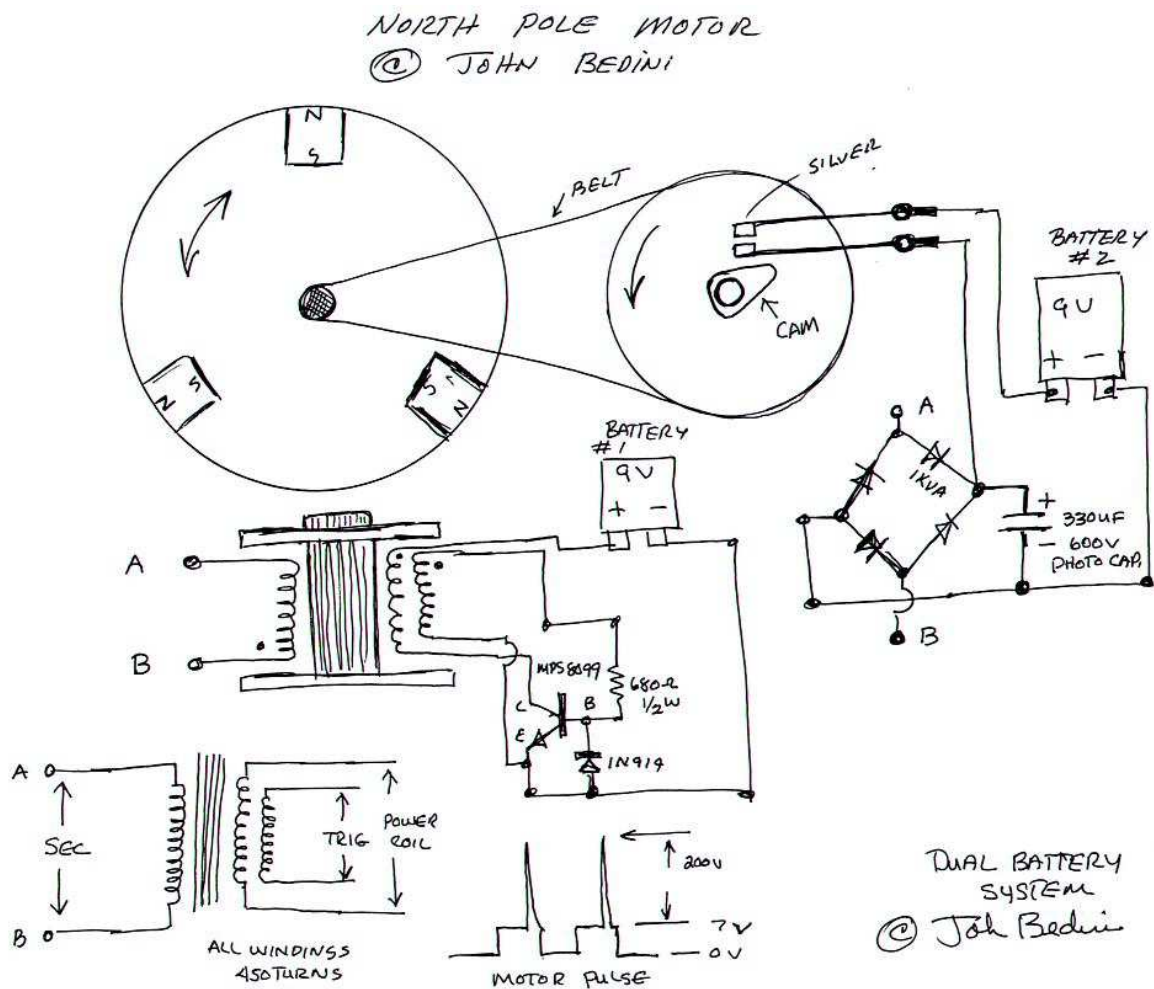
HOOK UP of SIMPLE MOTOR

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Q1 is an MPS8099 bipolar transistor or a 2N3055 transistor, 10ohm resistor, 1N914 diode. John also wrote that he cuts welding rods into the length of the coil form, then inserts them into the center hole around which the wire is wrapped to form the coil, this increases the magnetic flux as an 'iron' core transformer.

Dual Battery Motor - 03/31/00
courtesy John Bedini



As of 04/07/00, [another amazing experiment](#) with John Bedini's version of the Adams motor as carried out and reported by Robert H. Calloway. Seems to indicate more power out than is being used. This is an early experiment that seems promising, but we are hoping for duplication, more reports and more extensive testing.

[John Bedini's Website](#)