

WaDeI

(**Warren Delaney**)

Worldwide Radio Telescope

Utilizing Satellite Dishes mounted on top of Residential Homes and Commercial Buildings Worldwide to scan the sky.

Concept by: **Ronnie James Gomez**

Edit by: **Christin Rene Gomez**

Rebecca Doe

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Introduction:

This idea originated on a brief walk to the train station midyear, 2010. The thought was to provide scientists with a global telescope that can view the heavens with a 360* view and was named after my two children, Warren Robert and Delaney Kay Gomez (both of their names reside on the Kepler Satellite).

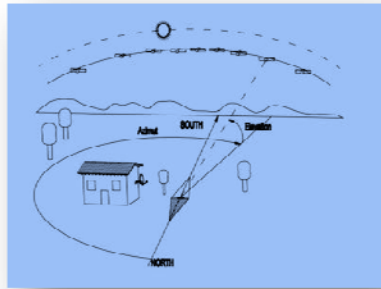
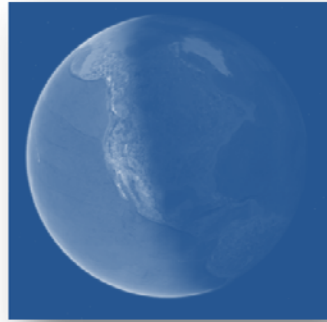
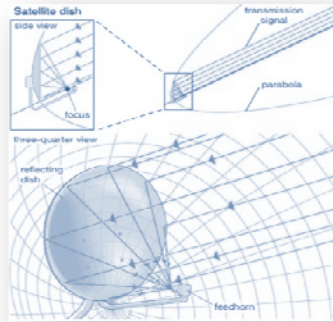
I was inspired by Dr. Erik Becklin PhD, astrophysicist and professor at UCLA, as well as Chief Science Advisor for the SOFIA Team. He appeared on a NOVA special program on PBS talking about a Black Hole at the center of our galaxy, "Monster of the Milky Way". What caught my imagination was his use of a simple tool to find a very significant part of our universe.

What I hope to see this tool used for:

- Part of a Protection System of Near Earth Objects
- Solar Study
- Planetary Study
- Milky Way Study
- Detection of Extraterrestrial Intelligent Life
- Tool for Teachers to have Live Data 24/7/365

Theory:

Satellite dishes on residential homes and commercial buildings are linked together to act as a single telescope encompassing the entire planet.



As the Earth rotates, the satellite dishes outfitted on top of residential homes and commercial buildings would do a full scan of the sky for stray radio waves during a 24 hour/365 day period. That data would be transmitted back to SETI or WaDel to be analyzed. These linked dishes would, in essence, function as a Worldwide Radio Telescope.

How would one connect to WaDel?

Individuals or businesses with active satellite service would sign up with their satellite provider, and the data would be relayed back to the satellite provider from the dishes and then pinged back to SETI or WaDel.

Interested parties with satellite dishes but no active account with a service provider would need to go to the WaDel Web Site and click the "how to get started" tab (software and hardware instructions). The WaDel software installed on that person's computer would then send the data back to WaDel via internet.

How would the data be collected?

WaDel would filter out the signals from manmade radio waves and collect the data that is left.

Contact Information

- Contact: Ronnie James Gomez
 - Company: rojago
 - Cell: 650 766 6751
 - Email: rgomez@designrojago.com
 - Web Site: www.designrojago.com

- Affiliation:

