

Affidavit of Paul Stanley in Support of Standing

**UNITED STATES COURT OF APPEALS
FOR THE DISTRICT OF COLUMBIA CIRCUIT**

Children's Health Defense, Michele Hertz,) Petra Brokken, Dr. David O. Carpenter, Dr.) Paul Dart, Dr. Toril H. Jelter, Dr. Ann Lee,) Virginia Farver, Jennifer Baran, Paul Stanley,) M.Ed.) Petitioners)) v.)) Federal Communications Commission and) United States of America,) Respondents)	Case No: 20-1138 Petition for Review of Order by the Federal Communications Commission (FCC 19-126) (Consolidated with Case No. 20-1025)
--	--

AFFIDAVIT OF PAUL STANLEY IN SUPPORT OF STANDING

1. My name is Paul Stanley. My home address is 95-1032 Melokia Street, Mililani, HI 96789. I am one of the named Petitioners in the above captioned proceeding. I am also a member of Children's Health Defense.
2. I filed comments at the FCC in the proceedings below and asked the FCC to look into the harm that radiofrequency radiation causes to people. I advised them that I had been diagnosed with Electromagnetic Hypersensitivity (Microwave Sickness) and explained why the FCC's standards and guidelines were a significant contributor to my condition and suffering. I asked them to change their rules and relieve my suffering. They did not do so.
3. I will provide some additional basic facts particular to my individual circumstances. The Affidavit of Dafna Tachover, Dr. Paul Dart, Dr. Toril Jelter and Dr. David Carpenter also provide further analytical and factual support for the proposition that I have suffered an injury-in-fact traceable to the FCC Order that could be redressed by an order from this Court holding unlawful, vacating, enjoining, and/or setting aside the FCC Order and remanding the matter to the FCC for further consideration and action.
4. I have a Bachelor's in Education, a Professional Diploma and a Masters in Educational Technology. I have worked as a computer teacher, a school level technology coordinator and as a state level multimedia resource teacher. I have worked now for 26 years in Hawaii's education system. I love technology and work to advance the use of technology in education. I was chosen as Apple Distinguished Educator (ADE), an Apple program that recognizes K-12 and higher-education teachers who are using technology to transform teaching and learning. According to Apple, those who are chosen as ADE are "educators who are looking to change the world. They are active leaders from around the

world helping other educators rethink what's possible with iPad and Mac to make learning deeply personal for every student.”

5. I first began experiencing symptoms from exposure to radiation from wireless sources in 2001. My symptoms include a burning sensation in my head that continues and increases until I move away from the source of the wireless radiation, a terrible sensation of pain throughout the head and body, muscle spasms, digestive issues, irritability, confusion, insomnia, inability to concentrate, chest pain, and heart palpitations.
6. I was unaware that wireless radiation could be harmful until I became ill myself. The symptoms, later diagnosed as an illness that is referred to as Electromagnetic Hypersensitivity (EHS) and/or Electromagnetic Sensitivity and/or Microwave Sickness, were caused by an exposure to Radio-Frequencies (“RF”) microwave radiation from various sources, including microwave receiving dishes for TV broadcast, a cell phone repeater on the roof of the building where I worked, and Wi-Fi.
7. Three different doctors have diagnosed me with symptoms consistent with Microwave Sickness (or EHS). In 2005, Dr. John Michael Uszler, M.D., Assistant Clinical Professor of Molecular and Medical Pharmacology at UCLA and Medical Director of clinic in Santa Monica had me undergo a SPECT scan (3D brain scan). It showed brain dysfunction which is consistent with others that have EHS. *He wrote: “I have seen similar abnormal scan patterns in adults who have been exposed to electromagnetic radiation.”* See Exhibit 1.
8. The second doctor, Dr. Gunnar Heuser, MD., Ph.D., FACP, is a clinical toxicologist. He was a member of UCLA Brain Research Institute (BRI) until he decided to go back to working as a clinician. He analyzed my SPECT scan and concurred with Dr. Uszler’s findings. Dr. William Rea, M.D. is at the Environmental Health Center in Dallas, Texas (EHC-D). I went to the EHC-D in 2015 for three weeks of testing. Dr. Rea diagnosed me as having EHS. Exhibit 2.
9. The Rea diagnosis letter refers to a study he conducted to develop testing protocol for Electromagnetic sensitivity.¹ Rea’s work is considered by scientists as the best provocation study² that has been done on this condition, and one of the few that were done correctly. It shows that the condition is real, and some people with this condition can sense or detect non-thermal levels of EMF emissions. The study was done with scientists from the University of Texas, Jacksonville State University and universities in Japan and China.

¹ Rea et al (1991), Electromagnetic Field Sensitivity, Journal of Bioelectricity Volume 10, 1991 - Issue 1-2, mentioned in the docket below at: <https://ecfsapi.fcc.gov/file/7520943191.pdf>.

² A provocation study is a type of medical clinical trial whereby participants are exposed to something claimed to provoke a response, or to a sham substance or device that should provoke no response. Skin allergy tests are an example.

10. As I explained in my comment to the FCC, radio frequencies and microwaves are the ultimate pollutant. Most cannot see, smell or hear them, although some people can hear them. This is called the “Auditory Effect” or the “Frey Effect,” named after a US Navy scientist, Dr. Alan Frey whose study from 1962 showed that radars, which just like cell phones and cell towers, use pulsed or modulated microwave frequencies in non-thermal levels can create an auditory effect in the brain.³ But contrary to the position of the FCC, those of us who have become ill from this radiation know that our bodies are stressed by these waves and the pain can be quite unbearable. Unfortunately for me, my exposure to this “safe” radiation injured me and now I suffer from Microwave Sickness.
11. In 2004, my symptoms worsened and eventually became unbearable. At the time, I was working for the State of Hawaii’s Educational TV, which had been my dream job. Whenever I went to work, my symptoms would increase. The job that I loved exposed me to microwave signals daily for six years until my body finally broke down and I had to leave. It became increasingly clear that it was the radiation from wireless devices that caused the symptoms. When I was near a wireless source, I would have symptoms. When I was not, my symptoms subsided. For example, I had Wi-Fi in my home. At the time, my headaches and body pains were unbearable. When I realized that it was the radiation that was making me ill I turned off the home Wi-Fi and my symptoms were immediately better.
12. But the damage had already been done. Although I was better in my home, I was still reactive to RF radiation, including to my neighbor’s Wi-Fi. I spoke to my neighbors and asked them to turn off the Wi-Fi when it was not in use or at least at night so I could sleep. Most people were understanding and tried to comply. I even helped them set up Ethernet cables so that they could have wired access to the internet when the Wi-Fi is off. As soon as the Wi-Fi came back on I would feel immediate pain, so much that I would have to leave my home, even if it was in the middle of the night. I would load my car and drive to a remote location to sleep in my car.
13. I have been asked how I know radiation from wireless technology sources causes the symptoms. I use sunburn to explain since it is familiar to everyone in Hawaii. I would in turn ask them, “When you get a sunburn, how do you know that it was the sun that caused it?” Your body tells you when you are around a source that is harming you, whether they are microwaves or sun waves. I do experience the damage from the exposure as similar to a sunburn. Your body still hurts even after you remove yourself from the sun. You are more susceptible to further burning. So it is with Microwave Sickness. When you receive an injurious exposure to radiofrequency and microwave radiation you will be more sensitive to any other subsequent sources. You will sustain further injury from sources that might not have harmed you in the past until your body

³ Allan H. Frey “Human auditory system response to modulated electromagnetic energy”. Journal of Applied Physiology. 17 (4): 689–692 (1962). The study itself was not submitted to the docket below but the story behind the study was at: <https://ecfsapi.fcc.gov/file/7520958446.pdf>

has time to recover through a period of non-exposure. Furthermore, if you have been injured, you will likely feel even small exposures that others do not feel at all.

14. The damage I sustained from the wireless radiation has affected my family as well. I have a wife and two daughters, and my illness has been very difficult for them. My daughters were in elementary school and it made for a very unstable home life. When I was very sick from radiation I couldn't be at home and many nights slept in my car in isolated places where there was no radiation. I made sure to be home in the mornings to get the children ready for school, dropped them off and picked them up after school. I would often go to the park with them after school, as I could not be in the home for very long without feeling ill.
15. My illness put a big strain on my marriage. In the beginning my wife did not know what to think, but she believed and supported me. Then our closest friend who was also the senior pastor of our church, began to have the same affliction. My wife saw firsthand from two of her closest people that EHS is real and is devastating. I would not have been able to recover and improve my health in the way that I have without her love and support.
16. I had to leave my job for a while, and this put a big strain on our finances. Not only did I lose my dream job, I also had to sell my dream home. For several years thereafter I simply tried to improve my health by following the protocols and advice of the doctors listed above and other health practitioners. My efforts to avoid exposure to radiation from wireless sources is the main reason I have been able to improve my ability to function. But over the years I spent over \$60,000 seeking treatment. I was unemployed for years, with no income. I spent my life savings and have no money for my children's college education.
17. In 2008, I was able to go back to my old job as a middle school computers and media teacher. Things went fine, until 2011 when the school decided to install Wi-Fi in every room in the school. I approached my school principal and asked to be accommodated under the Americans With Disabilities Act for my Electromagnetic Sensitivity. This request was granted. My school principal moved me to the music building because Wi-Fi was not going to be installed there.
18. My computer and digital media lab has state of the art technology including 35 iMacs, cameras, and a 75-inch promethean touch screen writable display. All the devices in my lab are connected to the internet using Ethernet cables instead of using wireless Wi-Fi connection. My internet connection is faster and safer than the Wi-Fi system which is used in the rest of the school. I currently teach 185 students per week. Connecting the computers to the internet using Ethernet cables rather than a Wi-Fi wireless connection undoubtedly did not have any negative effect on my teaching or on the students' ability to learn using advanced technology.
19. Had my employers not accommodated my disability the gains in my health would be erased and most likely I wouldn't be able to stay at my job. I feel sad for the people who

- are in have the same condition and need to have work environments free of Wi-Fi but their employers do not accommodate their disability. I know many teachers and students who have become sick but were routinely been refused accommodation based on the fact that their wireless emissions fall within the FCC “safety” guidelines.
20. All three of my doctors have been very clear that I must stay away from Wi-Fi and other wireless devices and infrastructure. This has become and will become even more difficult as the telecom companies continue to install more transmitters and society moves toward “the internet of things,” and 5G. My fear is that I will not be able to survive in this society. I will not be able to leave my home or will simply be ill in my home as well. I’m fearful that the principal in my school will change and the new principal will refuse to accommodate me because of the FCC’s guidelines. I have met many others in the same situation and have no doubt that if biologically based and appropriate standards are not enacted many other people will find themselves refugees from society. Finding a place to escape nonconsensual exposure is becoming more and more difficult.
21. I feel I live on borrowed time. If a smart meter was installed on my home, I would not be able to live there. If 5G antennas that are now being deployed in neighborhoods all around the country are deployed in my neighborhood, I will not be able to stay in my home and will have to live in my car again. Life will become even more impossible with 5G antennas every few blocks, and thousands of satellites beaming radiation down at us from space. It is so sad, because technology can be safe. As with where I work, wired internet is available, safe, and even less likely to be hacked. Society can lessen the use of wireless technology greatly without giving up access to the internet.
22. The FCC’s inadequate guidelines do not protect from non-thermal effects or frequency modulation and pulsation. Nonconsensual exposure to emissions from wireless technology operating within the FCC’s “safety” guidelines led to my injury. The FCC guidelines must be changed. It is the first step in order for me to have a chance of surviving in this world. The health threat must also be disclosed to the public so they will be aware how harmful this technology is. Once the public becomes aware people will make smarter decisions, be able to exercise informed choices about, and reduce, their exposure. They can take steps to eliminate or at least minimize nonconsensual exposure. Proliferation of this technology will be reconsidered, and safer solutions will be found. If the FCC does not adopt protective guidelines the uncontrolled proliferation of this harmful technology will continue, and people will continue to be either unaware of the threat of made to suffer exposure against their will. Sadly, it seems the FCC must be forced to do its job.
23. The FCC order did not adequately consider or reasonably respond to my comments or those of others who raised similar issues. The FCC’s decision to retain their existing rules entirely fails to resolve the problems that I face in daily life as a result of constant exposure to harmful radiation. I have been harmed by rules that do not adequately protect health and safety, and in fact directly allow continuous harm. This harm will continue

until the rules are changed to truly protect health and safety and take into account the needs of those – like me – who are or may become injured by RF Microwave electromagnetic radiation. The FCC order is ignored my sickness and effectively denied my rights, it ignored the clear and decades long science that supports its existence, it ignored medical observations and diagnoses of doctors and ignored courts' decisions from around the world. The FCC's order ignored my own situation and that of the many others who told the FCC they were suffering and asked for relief from that suffering.

24. I have been in touch with Dafna Tachover from the Children's Health Defense for many years now. I have been supporting her work on behalf of those of us who have become injured by wireless technology radiation. To support her efforts to get accommodation for children in schools, I provided her with an affidavit about my accommodation, hoping it would help her efforts. It is infuriating that children's sickness from this radiation is being denied and their requests for accommodation are rejected based on the FCC's guidelines. Recently she visited Hawaii, and I helped organize one of her lectures, hoping that educating the public will help create change. In the lecture I met so many who have become sick from this radiation and whose lives have been devastated as a result. I also met a student who did her science project about this health threat and now she working to educate her peers. It is absurd that children have to figure out the harms by themselves while our government continues to force this nonconsensual harmful radiation on them and recklessly harm them.
25. This concludes my Affidavit, but as noted above I am also relying on the Affidavits of Dafna Tachover, Dr. Paul Dart, Dr. Toril Jelter and Dr. David Carpenter for the purpose of explaining why the particular facts described above demonstrate standing.

Paul Stanley
Paul Stanley

SUBSCRIBED AND SWORN TO BEFORE ME this 19 day of May 2020, to certify which witness my hand and official seal.

[Seal] [Signature]
My Commission Expires: 01/14/2022
Notary Public in and for State of Hawaii



Doc. Date: 05/18/2020 # Pages: 6
Notary Name: Shelley A. Masui 1st Circuit
Doc. Description: Paul Stanley's Affidavit
Stanley In Support of Standing
Notary Signature [Signature] Date 05/18/2020
NOTARY CERTIFICATION

