

H.E.R.D. SYSTEM

PandemicWristband.com

NATIONAL AND GLOBAL SOLUTION TO HELP END THE PANDEMIC

While most people want to reach HERD IMMUNITY and END the pandemic, the spread of the virus is not a “One Size Fits All.” The **H.E.R.D. SYSTEM** accounts for different “types of protection” and “levels of risk prevention” using a lockable medical contact tracing, tracking, and passport wristband that does not risk privacy of a cellphone and does not discriminate. The levels are based on how long immunity lasts for the **vaccinated and natural immunity** based on science. See Examples of Exposure Parameters for the **H.E.R.D. SYSTEM** below.

Protection Levels

The system is based on science and antibody level against a pandemic disease to protect everyone within the bubble using the device:

“H” a person who is fully vaccinated and/or full natural immunity from recovery of the pandemic disease (virus) “if immunity can be obtained by either” and $\geq 90\%$ protection against the virus

“E” a person who is current on the pandemic vaccine, but not fully vaccinated yet and/or immunity is waning from natural immunity obtained from recovery of the virus and $\geq 80\%$ protection

“R” a person who has low antibodies due to waning period from either past recovery of the virus and/or past vaccinations that are not up to date and now $\geq 70\%$ protection

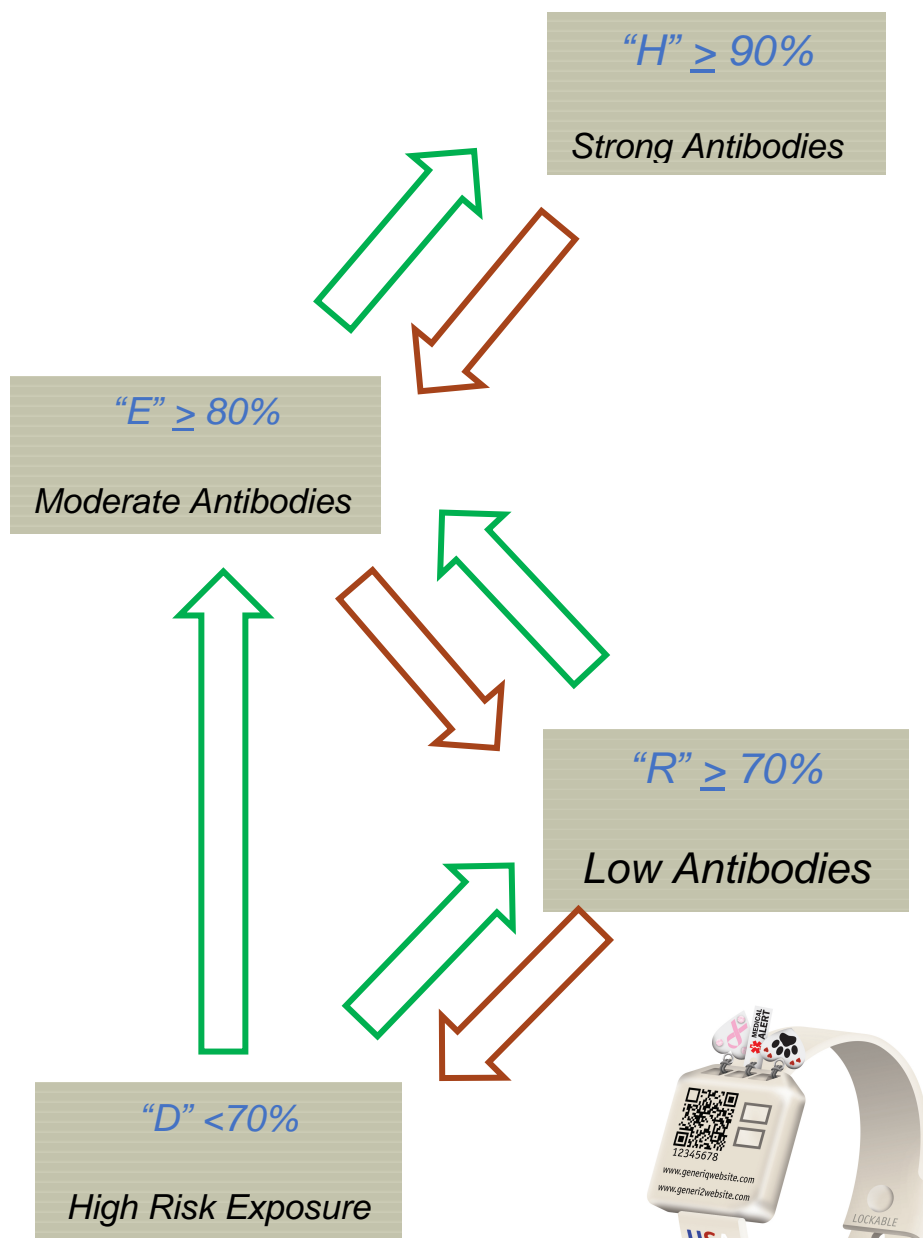
“D” a person who has $< 70\%$ protection against the virus based on science either due to waning or no protection at all

Protection Level Transitions- Explanations on the following page. These are only examples of different conditions and parameters that can be substituted based on expert opinion and social circumstances.

H.E.R.D. SYSTEM

Non-discriminatory Protocols to Help Reach HERD IMMUNITY

LEVEL OF PROTECTION

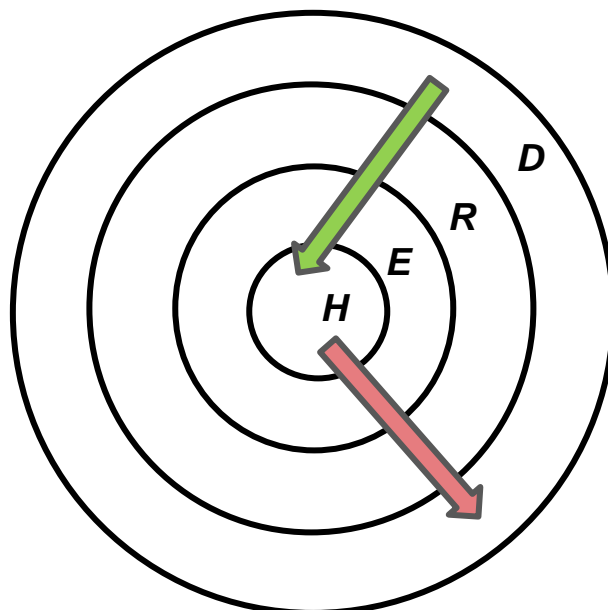


GOING INWARD

- People can progress inward in the circle toward “H” by meeting the criteria of the next ring for higher protection and a smaller window of contact tracing
- For example, an unvaccinated person can move to “R” by getting their first vaccine shot if a single shot meets that level of protection, or to “H” by either recently recovering from the pandemic disease (virus) or if they are considered fully vaccinated (e.g., only one shot needed or a series). Positive tests should be confirmed at official test centers.

GOING OUTWARD

- People can transition toward the outer ring “D” by changing circumstances
- Some rings have a time limit before they transition outward - for example, someone can transition from “E” to “R” if they are unvaccinated and a certain amount of time has passed since they have recovered from the illness (e.g., three months)
- Mutations/Variants in the virus can change the vaccination requirements - for example, someone in “E” due to vaccinations could move outward to “R” if there are new booster shots needed or sufficient time has passed (e.g., 6 months), or to “D” if an entirely new course of vaccinations is required



EXAMPLE USE OF THE **PANDEMIC WRISTBAND** USING THE H.E.R.D. SYSTEM

The **PANDEMIC WRISTBAND** can be used to regulate safe distancing protocols based on what ring people are in. The lights on the wristband display if exposed, positive, or immunity (passport), depending upon whether immunity can be obtained by either recovery of a pandemic disease or natural immunity from recovery. No light represents no exposure and negative to help regulate whether permitted entrance or not (e.g., sporting events, work, and restaurants) even if immunity has not been obtained where passports are not mandated. The following are **EXAMPLE EXPOSURE PARAMETERS USING DISTANCE AND TIME.**

“H” – these people are considered the safest (but, of course, not without some risk and no guarantee), and will not notify contact tracing / exposure until within (i.e., 3' x 15 minutes)

“E” - these people are moderately safe, and will not notify contact tracing until within (i.e., 6' x 15 minutes)

“R” - these people are still somewhat of a risk, and will notify contract tracing within (i.e., 10' x 15 minutes)

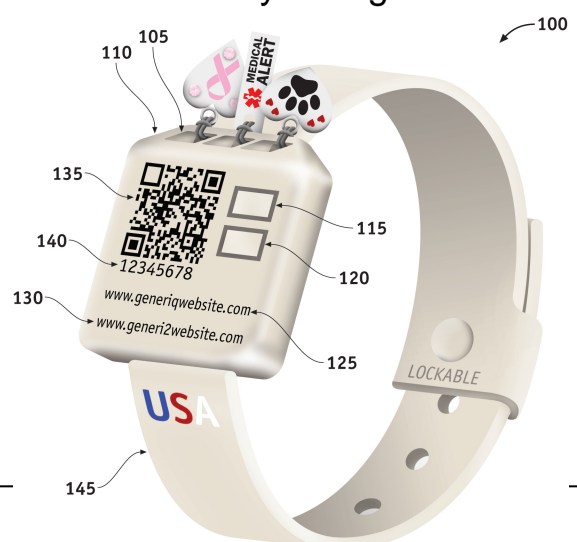
“D” - these people present the highest risk, and so will notify contact tracing within (i.e., 15' x 15 minutes)

The wristband directs people to a website to look up their current closest testing center for priority testing if exposure is indicated by the lights on the wristband.

PANDEMIC WRISTBAND

United States Patents

11,132,022, 11,221,651 & 11,275,407



NATIONAL AND INTERNATIONAL TRAVEL (GLOBAL SOLUTION)

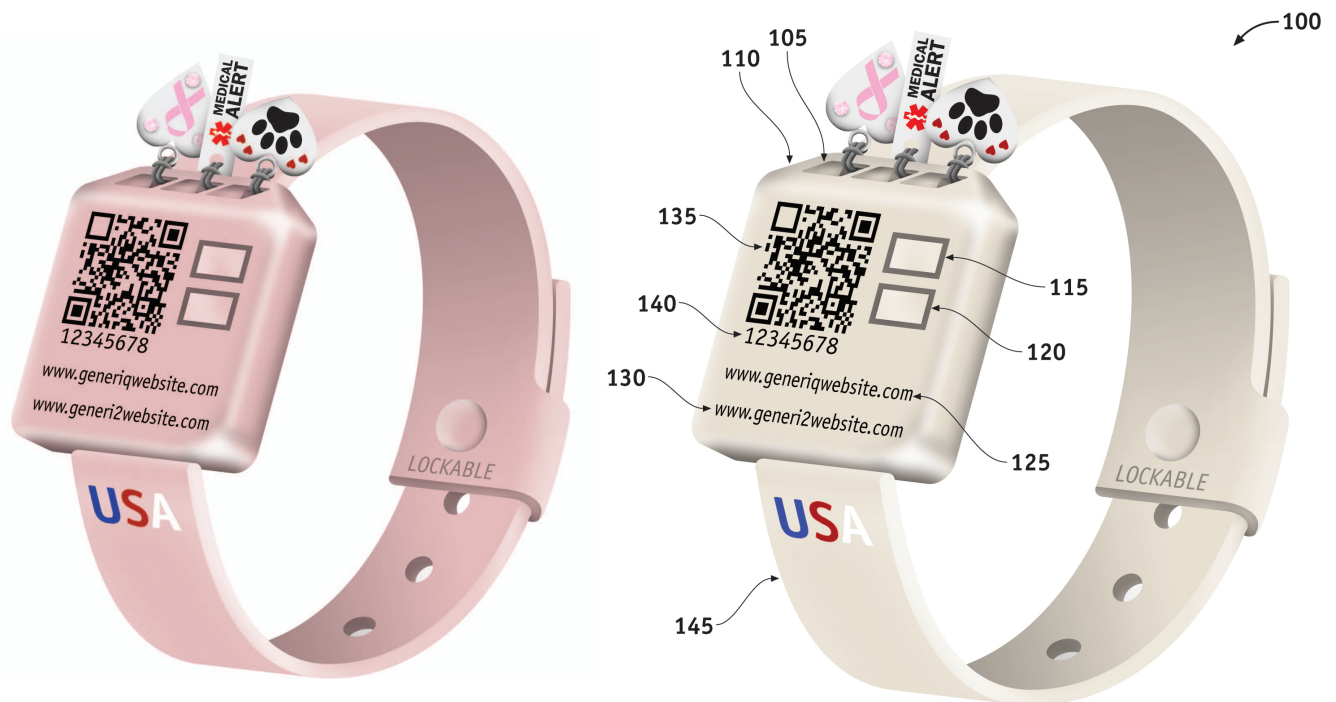


ANOTHER AREA OF CONCERN IS TRAVEL - both domestic and international - and the testing/quarantining sometimes required as people move about. The **PANDEMIC WRISTBAND** can aid in preventing virus spread and variants from other regions coming in while building herd immunity at home. The warning lights on the Wristband can help catch and control the spread of variants before they interfere with herd immunity.

Any country/region choosing to use the **PANDEMIC WRISTBAND** should test all outside travelers and enforce a quarantine/retest period. Once the outside traveler is cleared, he/she should be required that they wear the **lockable PANDEMIC WRISTBAND** to be included in the contact tracing pool for their protection and others while they remain in that country/region.

The **PANDEMIC WRISTBAND** and/or medical tracking wristband does not risk privacy of a cellphone and no social security number required. Optional pertinent information can be added to the wristband by using the hidden ID number on the wristband on the website to add information, as well as to find the closest testing site for priority testing if the user has been notified of exposure to a pandemic disease (virus). The patented wristband and **H.E.R.D. SYSTEM** do not discriminate. In addition, there are three locations on the wristband for medical alert charms to be added and/or self-expression charms that can add some positivity for kids in school. This fast tracking system, potentially same day notification if positive will significantly reduce exposure and number of test kits needed daily to help reach herd immunity.

This **medical tracking wristband** can be used to prepare for a crisis such as hurricanes, tornadoes, earthquakes, war and more by notifying/warning the user of the condition (i.e., seek shelter or shelter in place) and by notifying for “clearance of the condition.” The medical tracking wristband can help locate those unaccounted for during potentially any type of crises. In addition, medical alert charms can help aid first responders in situations where the wristband cannot be scanned.



www.PandemicWristband.com
Inventor Shari L. Edwards

PANDEMIC WRISTBAND

Medical Contact Tracing, Tracking, and Passport Device for the Vaccinated and Unvaccinated Without Risking Privacy and a Medical Tracking Device for Potentially Any Crises in General.

This medical device relates to a pandemic and/or medical tracking wristband that provides a solution to help deal with pandemic situations, such as COVID-19, for the United States and globally. It is a wearable/lockable computing contact tracing, medical tracking and passport device that has a main body with a QR code, indicator lights, a location tracker, and a processor. The indicator lights provide a red light indication when a user has been exposed to a pandemic disease and a green light that can be used as a passport, indicating vaccination and/or recovery, see enclosed description and figures.

Additional features and uses are also possible. For example, the wristband can also be adapted for use in more general crises, where the indicator lights provide a red light indication as a warning of the crisis, and a green light when the crisis has been cleared. These conditions can be local (i.e., limited to a specific city or geographical area) or global, and can range from e.g., tornadoes, hurricanes, and earthquakes to potentially any crisis. A lockable medical tracking wristband worn during a crisis offers the ability to locate the unaccounted for much faster to help save lives.

This device does more than just tracking and tracing, it can be used to potentially contact anyone exposed on the same day a positive test result occurs. This solution is to be preferred to the use of cell phones as such. Using cell phones risks privacy and it is likely that a high percentage of individuals will not opt in, due to the ability of personal cell phones to be used to track people. The wristband holds basic information with the option for the user to add additional pertinent information in case of emergency. The Pandemic Wristband when used as a “universal language” helps eliminate fraud and theft with paper vaccination passports, businesses having to check all passports before entering when required and can provide a sense of freedom with the ability to see the status of those surrounding you.

It is imperative to be prepared for any future pandemics and human hours spent on contact tracing and tracking just cannot match the speed in which a pandemic disease can multiply and mutate. The wristband will save endless days of labor performing contact tracing and tracking, which can lead to far too many people missed and in turn leads to too many deaths.

The device can also be used for international travelers coming into a country using the device, without violating privacy laws. Additionally, use of the device is also helpful in planning ahead for future mutations of the current COVID-19 virus, any pandemics in general and many types of crises.

The pandemic and/or medical tracking wristband will allow the use of a coordinated statewide, national, and global plan to help in dealing with the pandemic through tracking, tracing, contacting and passport indication to show immunity and to potentially deal with any crises in general. It provides a non-discriminating way to help everyone, as it is configured to reach everyone equally and can give priority testing equally.

The software can be updated throughout the stages of a pandemic to meet the demands such as timing of vaccinations/boosters, natural immunity and weaning, quarantine timeframes, exposure parameters, as well as tracking measures for the vaccinated and unvaccinated depending upon a virus' ability to spread among only the unvaccinated or all,” says Edwards. **We are ALL in this TOGETHER!**

Full patent docs go to www.uspto.gov (search Pandemic Wristband) www.PandemicWristband.com

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UNITED STATES PATENTS

11132022, 11221651, 11275407

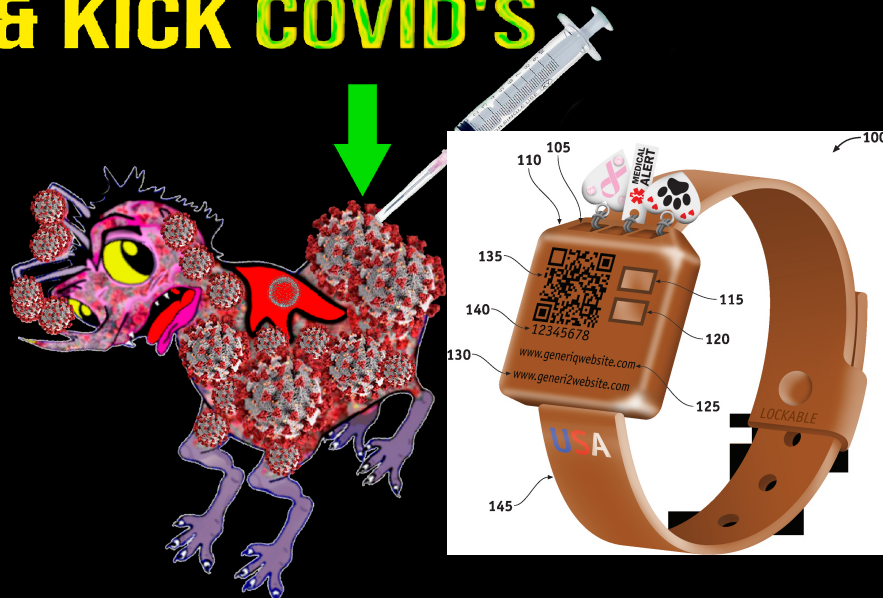
TEAM



S.L.E.

VS. COVID-19

Let's Put "UNITED" Back In
& KICK COVID'S



This **PANDEMIC WRISTBAND** has been awarded three U.S. patents (US 11,132,022 issued on September 28, 2021, US 11,221,651 issued on January 11, 2022, and US 11,275,407 issued on March 15, 2022). A new US application has been recently filed on February 25, 2022, and an international PCT application is pending.

Stay safe and well!

God Bless, Shari L. Edwards, M.S.

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WE ARE ALL IN THIS TOGETHER!

This Pandemic Wristband, United States Patent 11132022 was granted on September 28, 2021. US (17/323,932) and PCT (PCT/US21/32978) patent applications were filed on May 18, 2021, both claiming a June 5, 2020, priority. A first separate continuation application was filed on August 27, 2021 (17/459,104) and granted on January 11, 2022, United States Patent 11221651. A second separate continuation application was filed on September 16, 2021 (17/477,441) and granted on March 15, 2022, United States Patent 11275407. *Shari L. Edwards, M.S.*

MEDICAL TRACKING WRISTBAND
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UNITED STATES PATENTS
11132022, 11221651, 11275407

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