



HANDZAWAY

A smart wearable electronic device that helps you safeguard yourself from COVID-19

The **COVID-19** pandemic is the most challenging crisis the world is currently facing and no one is immune to the threat posed by this dangerous virus. Experts believe that coronavirus largely spreads from person to person and one of the main cause of its transmission is when we contaminate our hands by touching surfaces that already have contagious droplets of covid-19 virus on them and then touching our nose, mouth or eyes with these contaminated hands. This is the main reason the doctors all over the world are advising hand washing on regular intervals.

It is now a common knowledge that every person usually touches his face involuntarily approximately 23 times in an hour. This habit of ours which we have probably developed in our childhood has become a real source of acquiring and spreading this dangerous disease. In these difficult times, MicroTech has come up with a novel smart solution to address the spread of covid-19 through this face touching habit. This innovative solution is in the form of a wearable electronic device named “**HANDZAWAY**”. It is worn on the front of the shirt or blouse where it forms a 3 dimensional monitoring space around the face of the user. When the user brings his hands towards his face and the fingers cross the boundaries of this monitoring space, an alarm in the form of a soft beep is generated. This beep increases in volume and frequency if the fingers keep on moving closer to the mouth, nose or eyes. Consequently, warning the user to stop the movement of his hands immediately and helping him safeguard against his own contaminated hands.

Talking about this product, Chairman MicroTech Industries, Nauman Saeed – the person behind this invention, said: “The basic concept of **HANDZAWAY** is not only to stop the user from touching his face with his contaminated hands but also to eventually help him get rid of this habit of involuntary face touching forever.”

He added, “We must also understand that it is not only coronavirus that we bring to our face through this involuntary habit but all kinds of viruses that spread in a similarly way to flu, such as SARS, Bird flu, influenza, common cold etc. could also be transferred to our bodies in the same way. As per the latest studies, eighty percent of the infections are transmitted through hands including viral gastroenteritis in humans. The major cause of all these illnesses is bad hand hygiene. Use of **HANDZAWAY** will significantly help in safeguarding ourselves from all these diseases by stopping the face touching and consequently reforming this bad habit altogether.”



Three Dimensional Monitoring

He further stated: “To deal with this challenge of coronavirus, sophisticated wearable technologies like **HANDZAWAY** will become a norm in our daily lives. Our innovative solution is carefully designed as an initiative towards a conscious and healthy society. Whenever you leave the house or go out for any outdoor activity such as students going to schools/ colleges, people going for shopping, to the offices, travelling someplace, etc., **HANDZAWAY** is a must and a new essential for everyone. Also, we strongly believe that our solution is a mandatory gadget for medical professionals such as surgeons, doctors, paramedics who are usually the first line of defense in the fight against coronavirus and such like diseases.”

HANDZAWAY has three main components. There are two wearable wristbands, one for each hand (WB1 & WB2). The third component is the Master Unit (MU) which is an electronic gadget to be worn or clipped to the front of the shirt, blouse, jacket etc. The Master Unit comes with a built-in battery. A single charge of 2 hours provides sufficient battery time for a daily average use of 9 hours and can last for 5 days. Therefore, no hassle to charge the product on daily basis. The water resistant wrist bands are made of silicon to keep them comfortable and durable. This out of the box solution is effective and user friendly, with no subscriptions, complex applications, calibration or setup required.

MicroTech plans to bring **HANDZAWAY** in the next few weeks and make it accessible to masses at an affordable price range. To protect the intellectual asset, the patent application has already been filed. MTI is coming up with two models, **one with a wired ear piece** that alerts you with a beep and the other is a **wireless model offered with a vibration sensor**.



Chairman, Microtech Industries
addressing at the Product Announcement
Ceremoney of HANDZAWAY