

## The Herbal Soak, Swirl & Sooth

### Case study:

**Background:** People who suffer from sore and painful hands are provided with an almost unlimited selection and application of select herbs and Epsom salt applications that offer pain relief. Many are the causes of painful hands such as Carpal Tunnel Syndrome, Arthritis, Eczema, Dry Rough or Cracked Hands, Juvenile Arthritis, Hand Trauma, etc.

**Problem: Application of the remedy.** Most effective pain relief results are achieved when soaking painful hands in warm water solutions of selected herbs or salts, yet sufferers are left to their own in providing bowls, sinks, buckets, and tubs for these pain relieving solutions. Recommendations of 20 to 30 minute soaking periods are typical, yet water temperatures often degrade more rapidly when using open containers. Sufferers are often asked to continuously move, flex, and rotate hands for this time period for improved contact with the herb/salt/water solutions to achieve better results.

**Solution:** Understanding the limitations of the traditional applications for the use of select herbs and Epsom salt remedies available in the market, the inventor who has been working with his hands as a machinist, mechanic, and, millwright his entire life, who also happens to suffer from painful hands, approached us with his idea for a simple and easy to use device that would be effective in dispensing the healing effects of select herbs and Epsom salt blends dissolved in warm water baths. It would have to be light-weight, rugged, safe and easy to set up while also able to retain water temperature beyond the duration of the recommend soaking period. In addition the device would have to swirl the warm water treated with a blend of herbs and Epsom salt in a massaging action over the user's submersed hand. Our experienced design team took to the many challenges presented from these unique requirements to meet our client's goals for a technically advanced design. Resulting from the GID's efforts for a successful design were the revolutionary double wall soaking chamber with integrated dual submersible recirculating pumps, dual dispensing chambers for herbs and Epsom salt, all coupled with a Snap-On removable hood and integrated silicon wrist guard that would allow a user to achieve hand pain relief in a quick and hassle-free way. These modular pieces connect together easily to form a full-fledged Swirl Pool for hands that is easy to fill with warm water direct from the tap and empty when treatment is completed. Now available is the industry's first hand pain relief system for all who are in need of this treatment. This system just set the bar for innovation, technology, and most of all, pain relief.