Tremor Cancellation Pen Holder

People's handwriting may change due to unintentional hand muscle movements caused by aging (especially after becoming 65 years old or older), or even with other age-groups due to certain neurological disorders (e.g., Parkinson's disease, arthritis). This disorder limits not only one's handwriting capabilities but also the performing of other activities, such as eating and drinking. Fortunately, there are several scientifically developed "tremor cancellation pens" on the market that enable them to write more legibly.

This invention provides a new, original and ornamental design of self-stabilization holder (SSH) that includes a pen with a base that provides an electrical counter movement to the direction of a tremor, thereby stabilizing the hand and addressing the abnormality in handwriting. This SSH device is foldable, easy-to-carry, and includes a magnifying glass.

(image source: inventor)

For further information regarding this Technology please contact:

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Competitive Advantages

- One device fits all pens (adjustable)
- Collapsible, foldable, easy-to-carry
- Magnifying glass
- Equipped with Charger, ERM Motor and Sensor

Commercial Applications

- Inexpensive fabrication cost
- Re-adjustable design for other medical devices, such as tremor cancellation spoon, etc.

IP Status

- Patent pending
- Licensing available

Status of Development

- Prototyping stage

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