

Ergonomic Innovations for Handheld Computers

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PROBLEM / NEED



A significant number of users complain about pain in their **thumbs** from writing emails.

Keyboard usage in a handheld computer is **limited to the thumbs** which results in carpal tunnel and in limited typing speed.

Rear Keys and Touchpad for Handheld Computers



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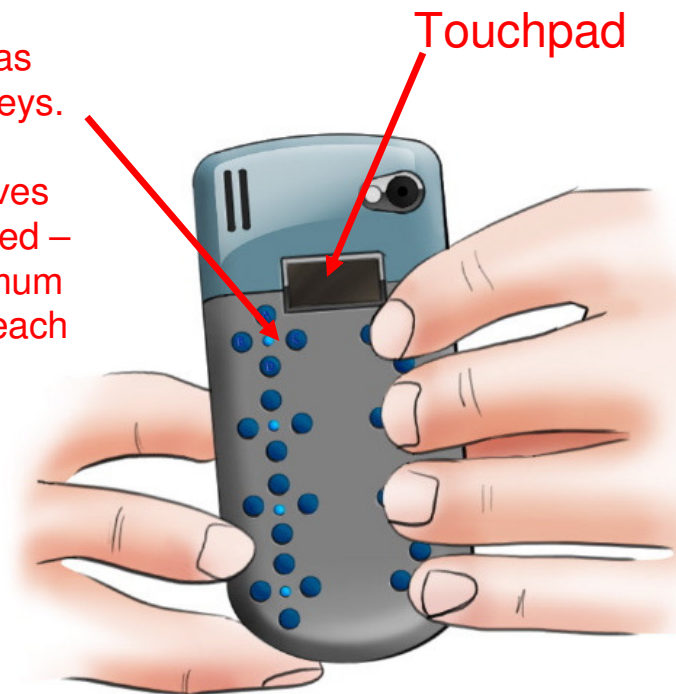
SOLUTION

Rear Keys provide an alternative to the front keyboard.

Touchpad in the back of handheld computer allows for more comfortable and more efficient surfing while thumbs are free to use the front keys.

Each finger has access to five keys.

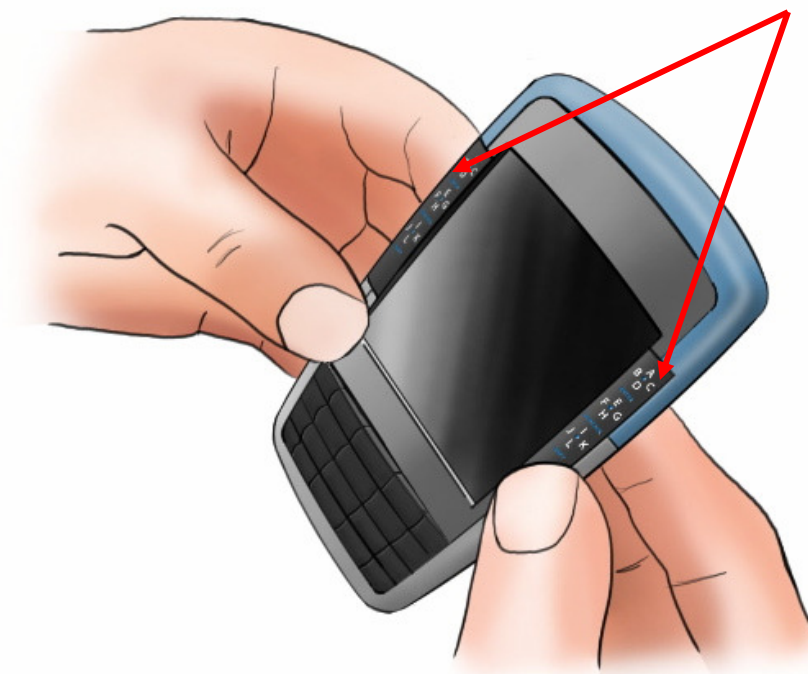
Other alternatives can be considered – such as a minimum of two keys for each finger



Easy Adjustment

Users will have both front and rear keyboards and can begin using the rear keys when they experience pain in their thumb or want to increase their typing speed.

Users will be attracted to the greater typing speed and lower strain on the thumbs.



Map of the rear keyboard
can be seen in the front

Market

For users whose daily work involves extensive emailing the REAR KEBOARD option will be an attractive feature.

