

# BRAILLE TOUCH

## Designing a Mobile Eyes-Free Soft Keyboard

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### BRAILLE KEYBOARDS



Perkins Brailier

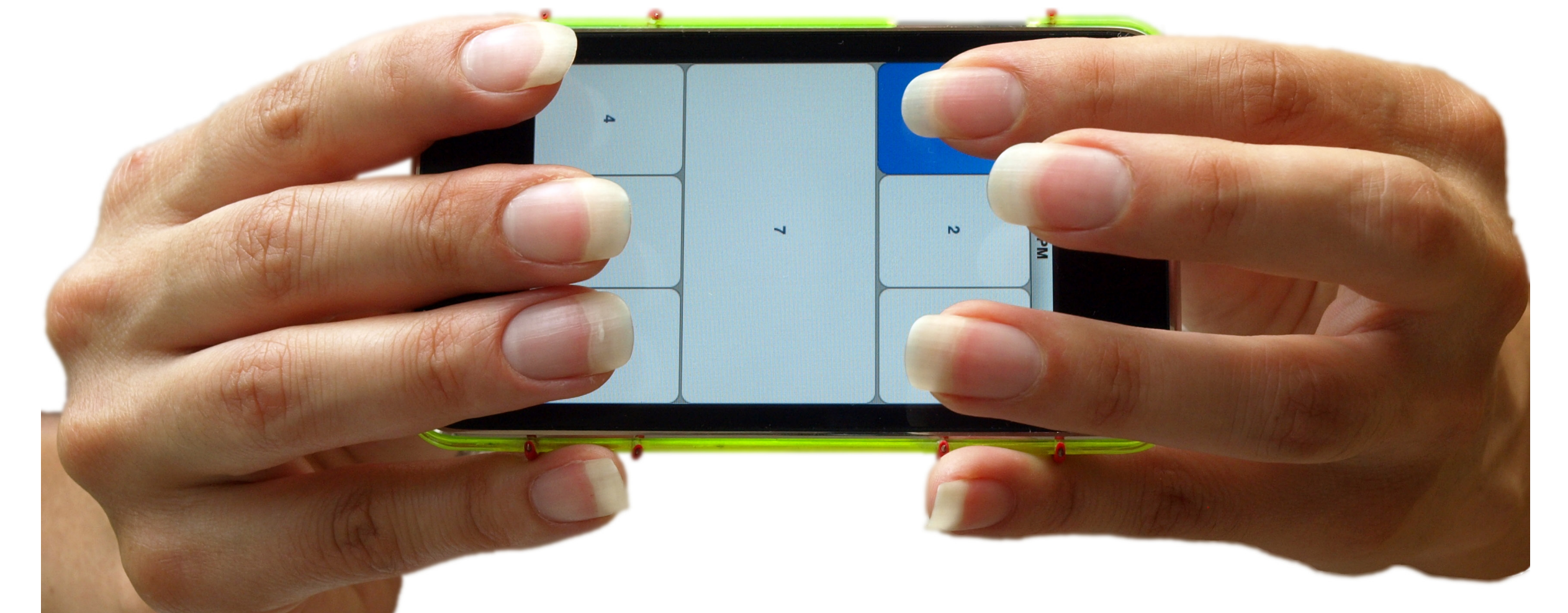
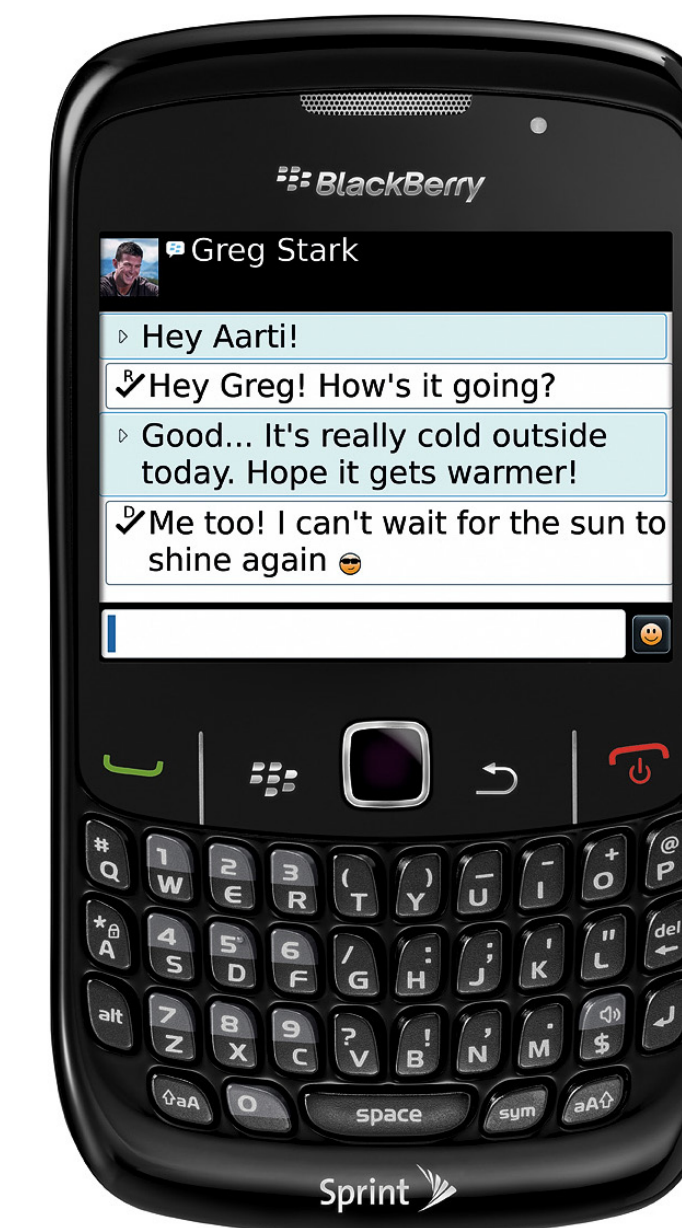


Refreshabraille 18

### MOBILE KEYBOARDS

#### Mini-QWERTY

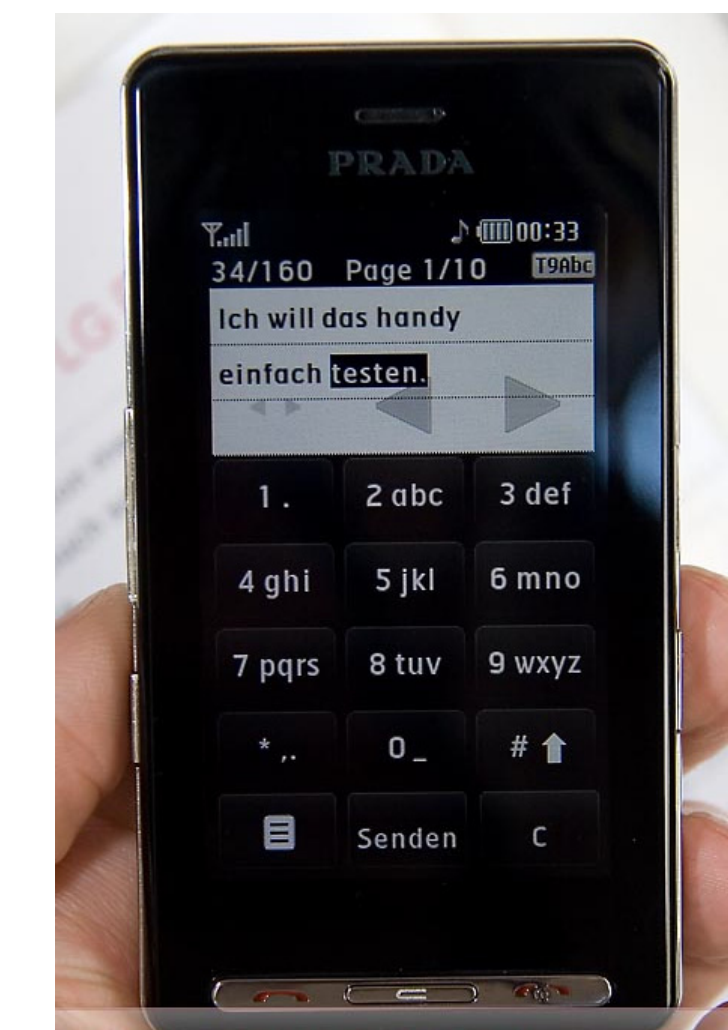
- Pro
- Tactile feedback
  - Physical affordance
- Con
- Small buttons
  - Not adaptive



iPhone Braille Keyboard

#### Multi-Tap / T9

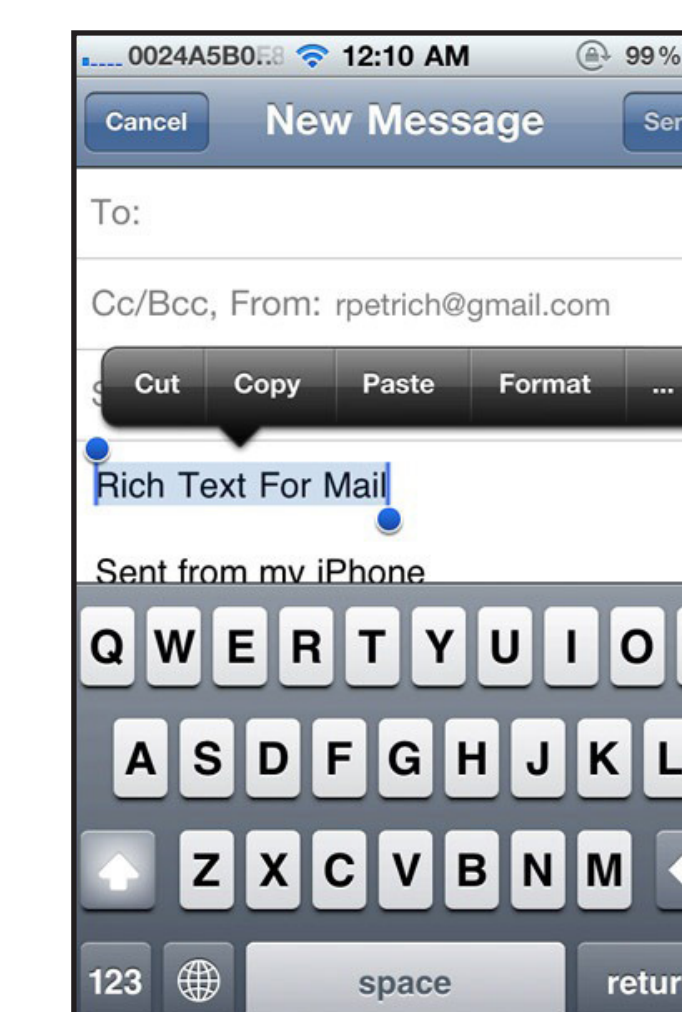
- Pro
- Fewer buttons
  - Tactile feedback
- Con
- Not adaptive
  - Mechanical wear & tear



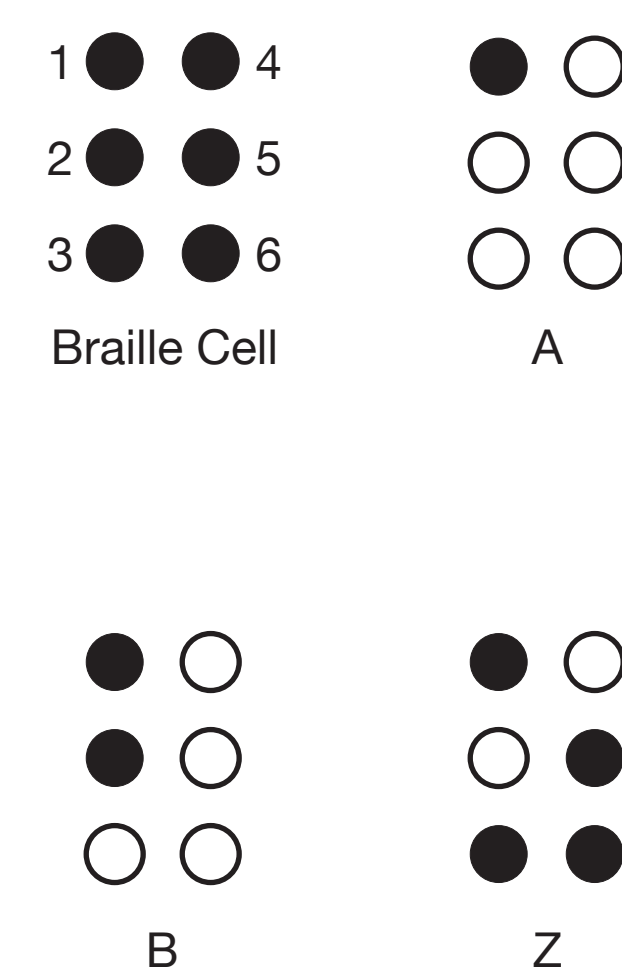
iPad Adaptive Braille Keyboard

#### Soft Keyboard

- Pro
- Solid State
  - Adaptive
- Con
- No tactile feedback
  - No physical affordance



Mobile Braille Writers	\$(USD)
GalaTee	400
EasyLink	1000
Nano	1000
Maestro	1300
Braille+ Mobile Manager	1400
PAC Mate BX 400	1500
Refreshabraille 18	1700
VoiceNote BT	1900
Voice Sense	2000
Braille Sense Plus	6000



TEXT ENTRY TECHNOLOGY	FAST	MOBILE	AFFORDABLE
Full-Size QWERTY Keyboard	✓		✓
Competing Mobile Braille Writers	✓	✓	
Software Accessibility Options		✓	✓
<b>BRAILLE TOUCH</b>	✓	✓	✓