

WONDERING—A NEW KIND OF INPUT  
INTERFACE

会津大学  
荆雷

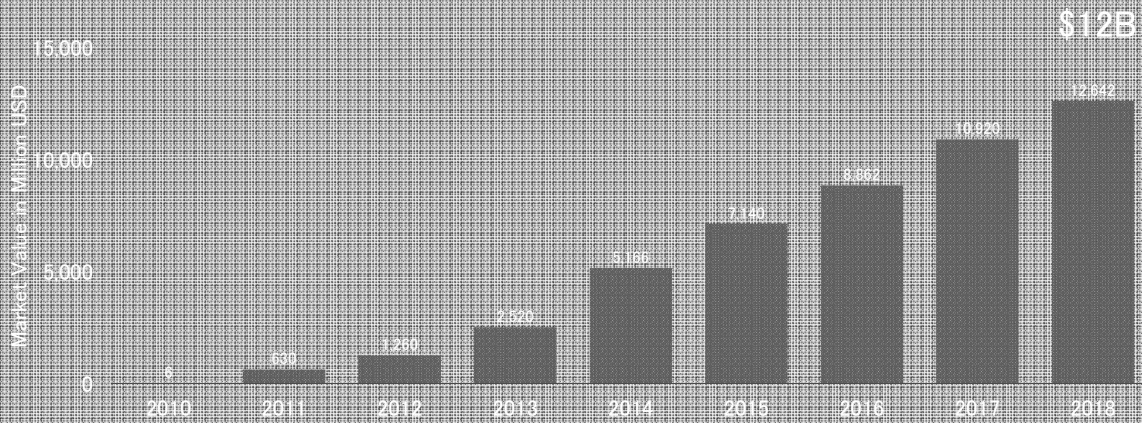
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TODAYS WEARABLES USED FOR ON AVERAGE ONLY  
SIX MONTHS



**theguardian**  
Winner of the Pulitzer prize 2014

## WEARABLES MARKET SIZE RAPID INCREASE



URL: <http://www.statista.com/statistics/258572/wearable-device-market-value/>

## SOLUTION

ring



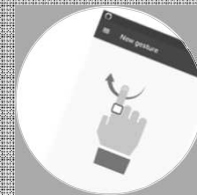
track activity  
control devices

controller

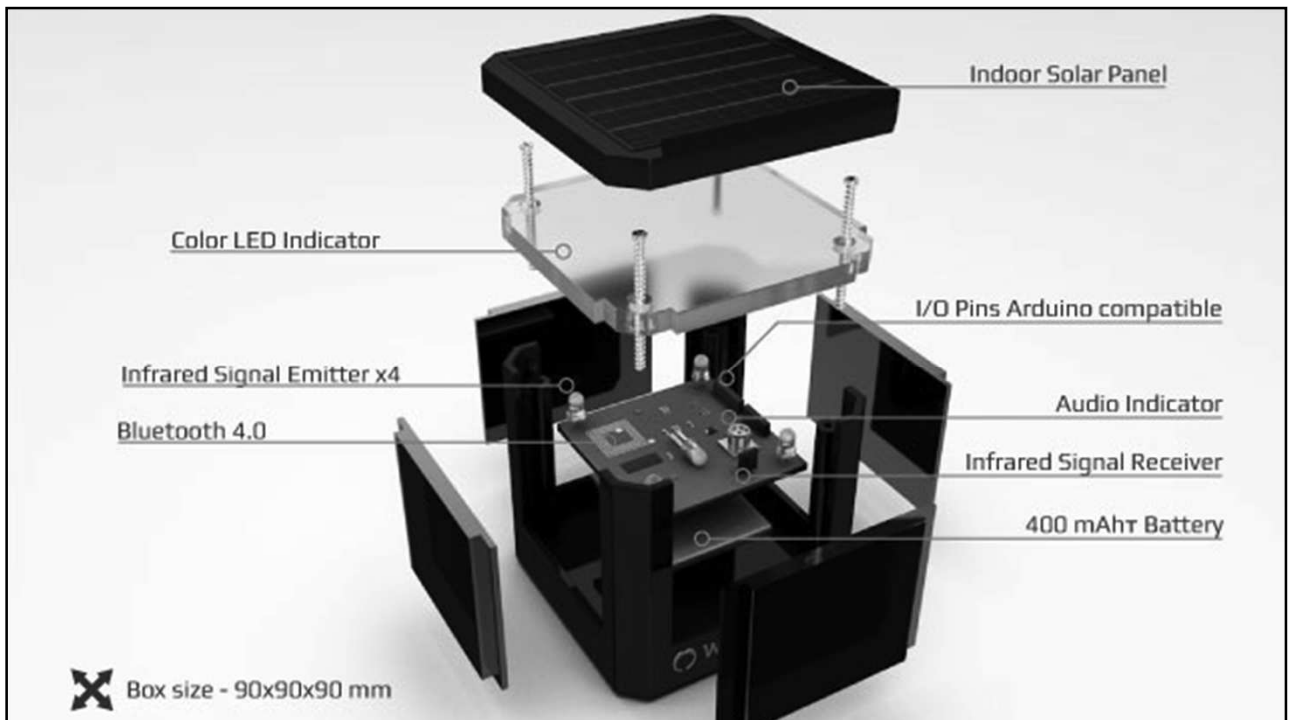
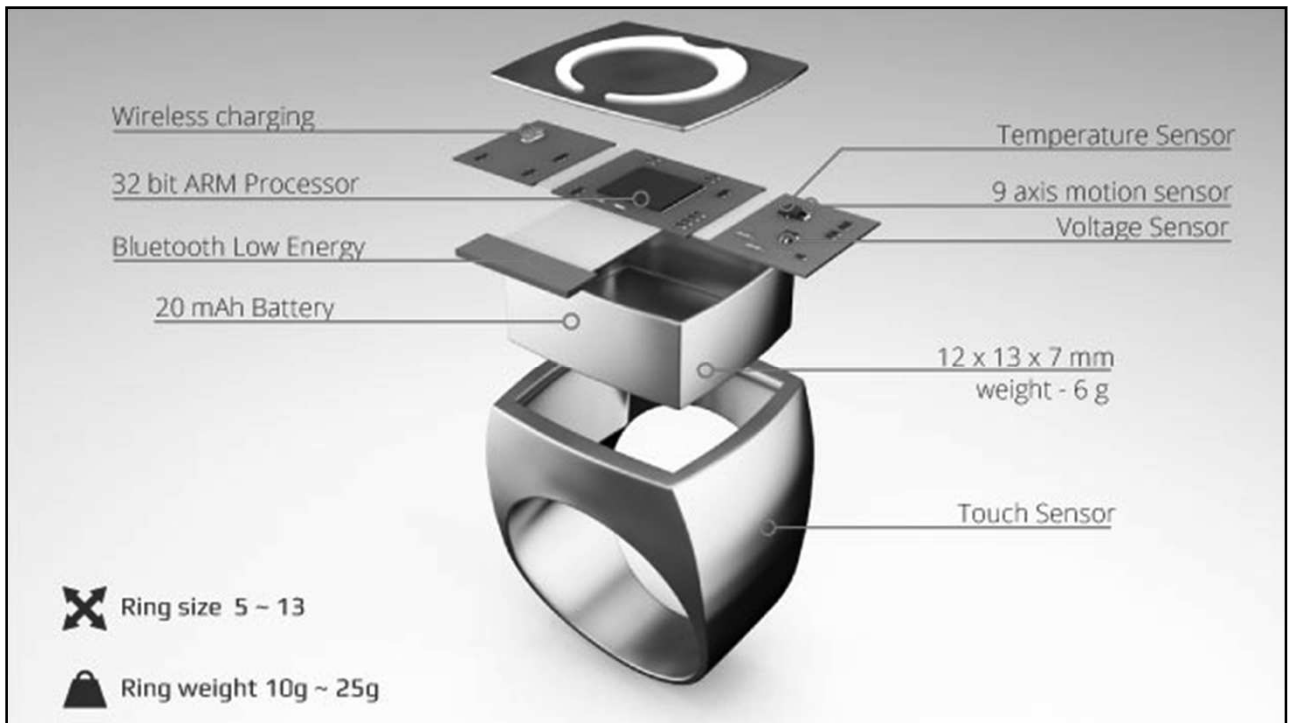


amplify power of ring  
charge the ring

programmer



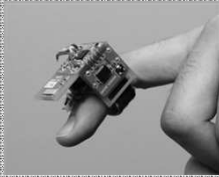
customize the ring



## MINITURIZATION

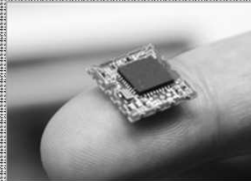
2009

45x35x35mm



2013

12x11x2.5mm



2015

9x10x1.5mm



2016

5x5x1mm

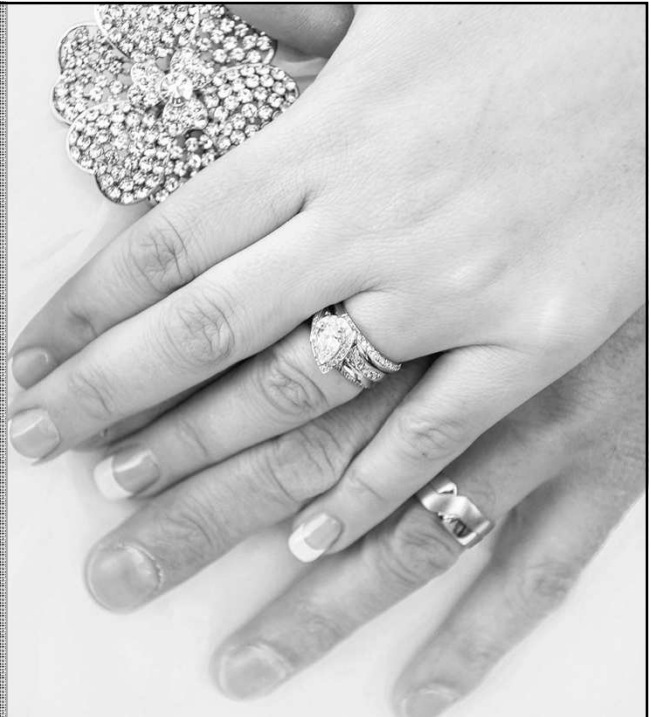


## CUSTOMER BENEFITS

Simplicity

Universal

Natural



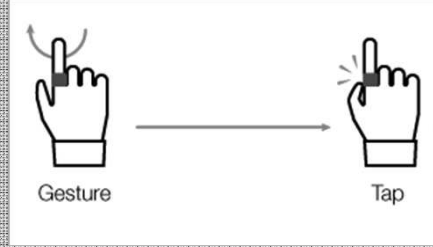
# SIMPLICITY



charge

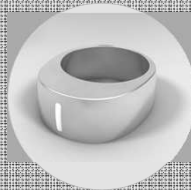


program



use

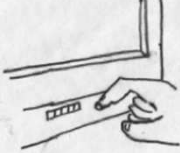
# UNIVERSAL



MALE ↔ FEMALE  
FUNCTIONAL ↔ FASHIONABLE  
YOUNG ↔ ELDERLY

## NATURAL

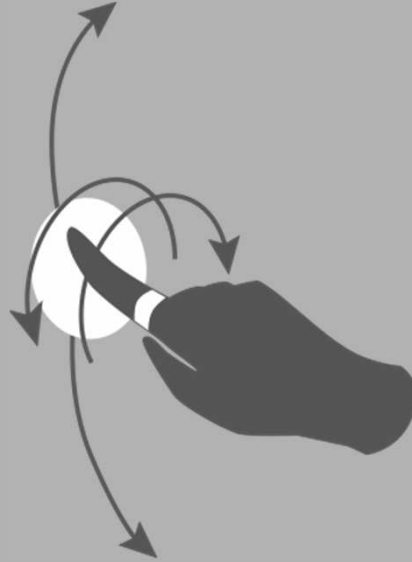
(1)TVの電源を入れる



(2)音量を大きくする



(3)チャンネルを次に送る



## COMPETITION (CHIP)

	SIMPLICITY	FORM FACTOR	DEVELOP PERIOD	OPTIMISED ALGORITHM	OPEN SOURCE
WONDERING	YES	YES	YES	YES	YES
INTEL CURIE	UNRELEASED	NO	YES	NO	NO
ADAFRUIITS	NO	NO	YES	NO	YES
GOOGLE WEAR	NO	NO	YES	NO	YES*