

***Certain Light-Based Physiological Measurement
Devices and Components Thereof***

Inv. No. 337-TA-1276



Apple's Opening Presentation

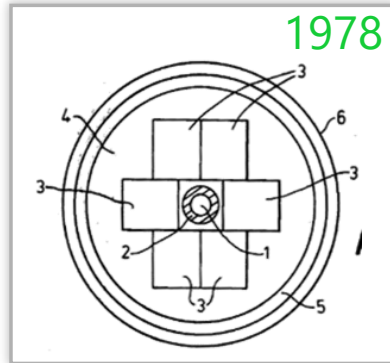
United States International Trade Commission
Before the Honorable Monica Bhattacharyya
June 6, 2022

'501, '502, and '648 Patents – State of the Art



Orr (RX-495)

6 PDs



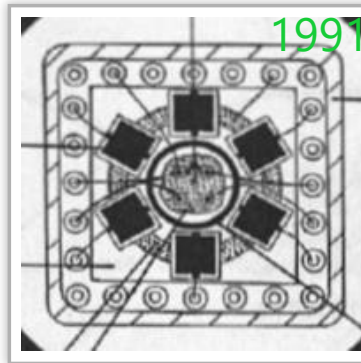
Cramer (RX-670)

4 PDs



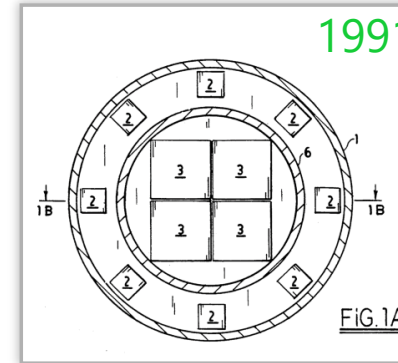
Mendelson (RX-458)

6 PDs



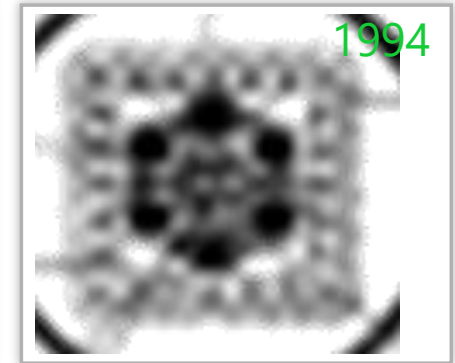
McCarthy (RX-489)

4 PDs



Takatani (RX-498)

6 PDs



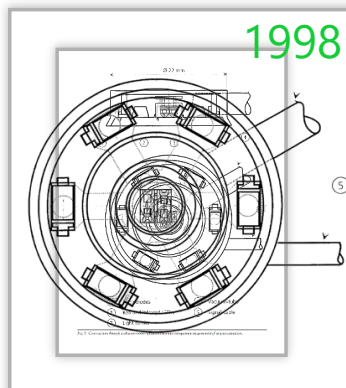
Haar (RX-667)

3/36 Detectors



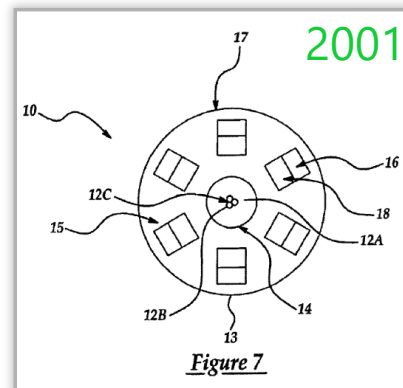
König (RX-487)

6 PDs



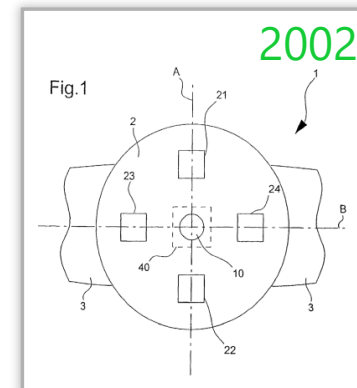
Mendelson 558 (RX-668)

12 PDs



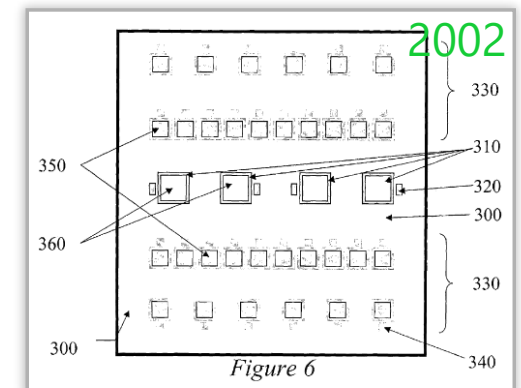
Vetter (RX-475)

4 PDs



Rowe 504 (RX-468)

4 PDs



Color annotations added

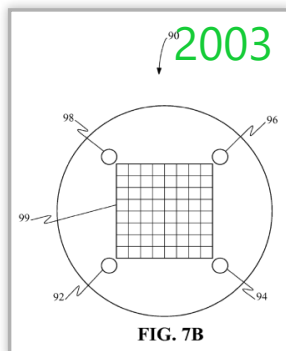
RDX-1.31

'501, '502, and '648 Patents – State of the Art



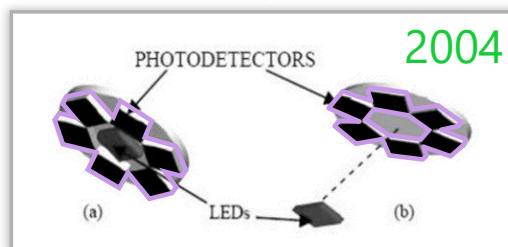
Lumidigm (RX-411)

3 PDs



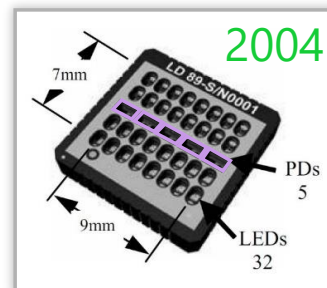
Pujary (RX-496)

6/12 PDs



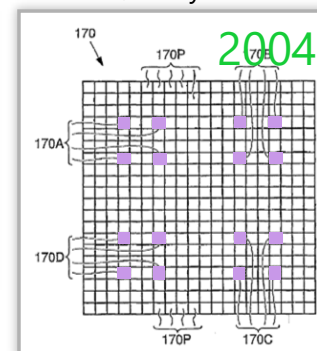
Nixon (RX-493)

5 PDs



Avni (RX-478)

4/Many PDs



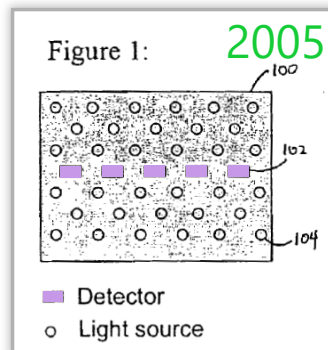
K-State (RPX-6)

6 PDs



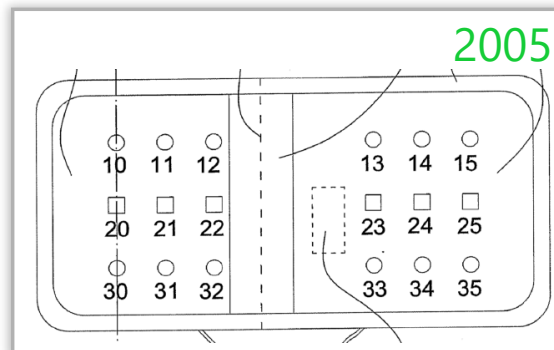
Lumidigm 582 (RX-671)

5 Detectors



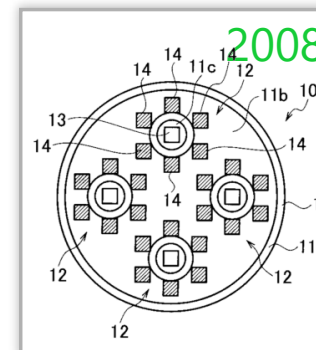
Lindberg (RX-472)

6 PDs



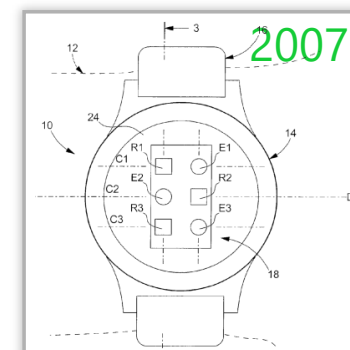
Imai (RX-1220)

24 PDs



Klopfenstein (RX-476)

3 PDs



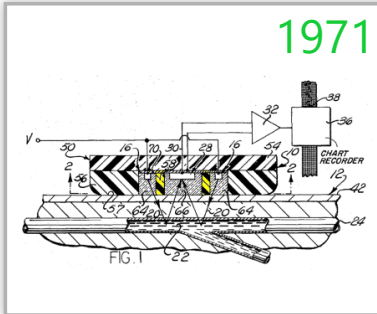
Color annotations added

RDX-1.32

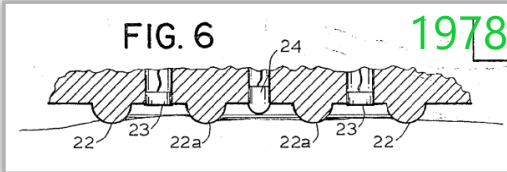
'501, '502, and '648 Patents – State of the Art



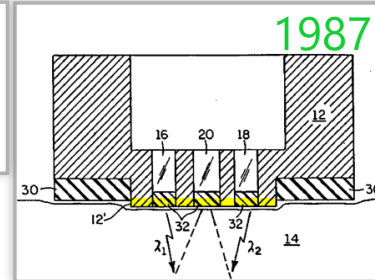
Smart (RX-473)



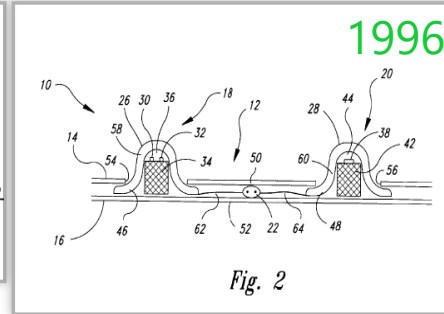
Cramer (RX-670)



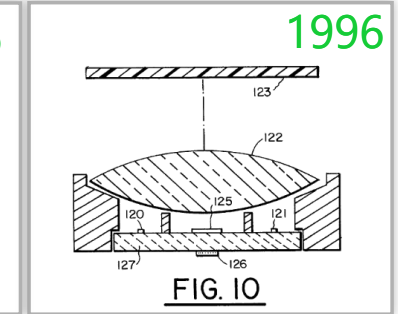
Nippon (RX-665)



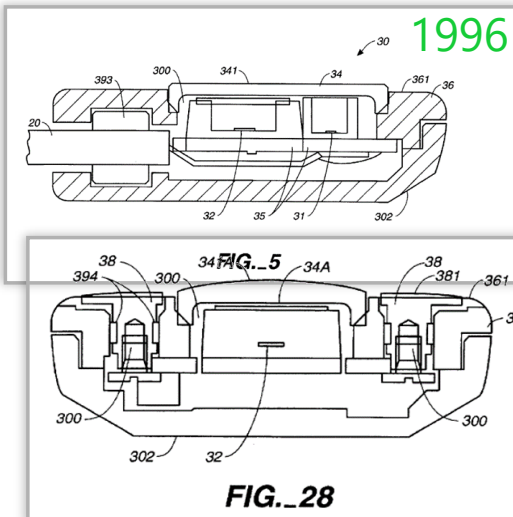
Rafert (RX-465)



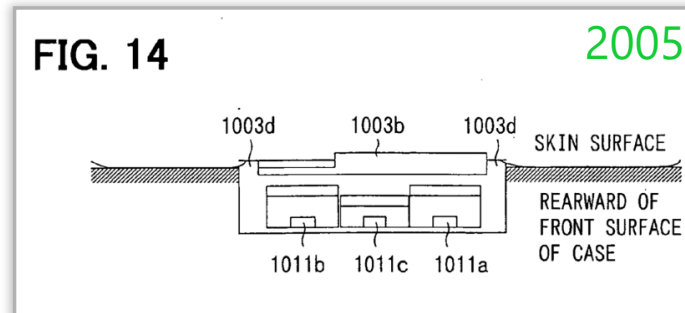
McCarthy (RX-490)



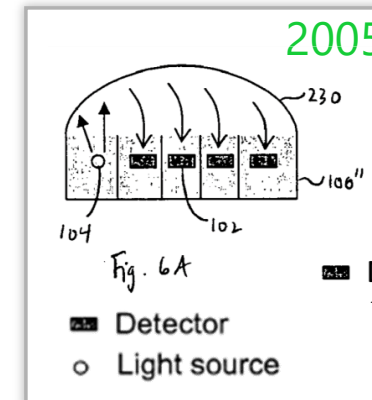
Seiko 131 (RX-666)



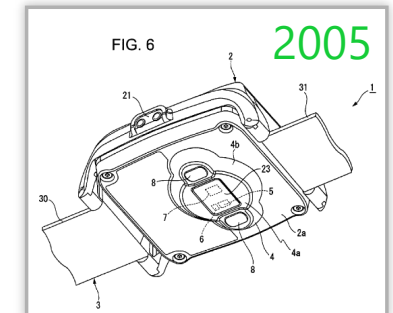
Denso (RX-0471)



Lumidigm 582 (RX-671)



Seiko 182 (RX-477)



Color annotations added

RDX-1.33