

*Inter Partes Re*  
U.S. Patent No. 8,533

Oral Argument, September 1

Apple Inc. v. Gesture Technology Partners LLC  
Case No. IPR2021-00922

# Grounds

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## Ground 1: Claims 1, 2, 4-14, 17, 19, 21-22, 24-28, 30

- ▶ Numazaki (Ex. 1004) in view of the knowledge of a POSITA

## Ground 2: Claims 3, 15, 23

- ▶ Numazaki in view of Numazaki '863 (Ex. 1005)

## Ground 3: Claims 16, 29

- ▶ Numazaki in view of DeLuca (Ex. 1006)

## Ground 4: Claim 18

- ▶ Numazaki in view of DeLeeuw (Ex. 1007)

## Ground 5: Claim 20

- ▶ Numazaki in view of Maruno (Ex. 1008)

# Remaining Disputes

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## 1. Numazaki's 8<sup>th</sup> Embodiment:

- ▶ Numazaki's 8<sup>th</sup> embodiment includes a camera used to detect gesture illuminated by a light source.

## 2. Claim 7—Target:

- ▶ Numazaki renders obvious gesture recognition using a target
  - ▶ Only Petitioner's expert assessed tradeoffs.

## 3. Claim 3—Plurality of LEDs:

- ▶ Claim 3 does not require illuminating all LEDs simultaneously.

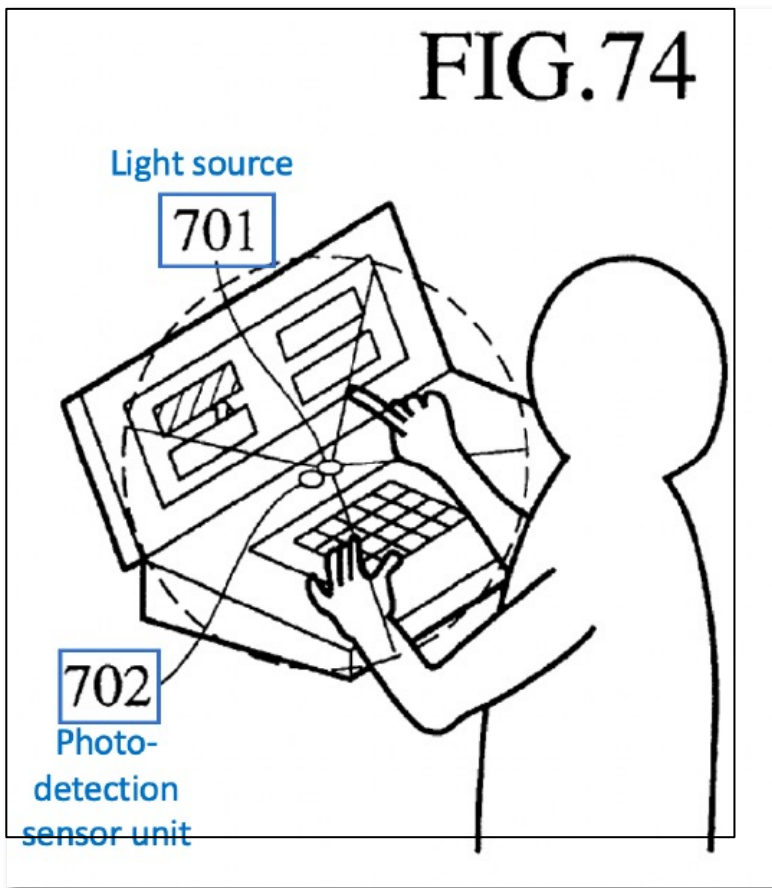
## 4. The PTAB has jurisdiction to review patents.

## Disputed Claim Language

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- ▶ [Claim 1(b)] providing a camera oriented to  
a gesture performed in the work volume, the  
being fixed relative to the light source  
determining, using the camera, the gesture p  
in the work volume and illuminated by  
source.

## Numazaki's 8<sup>th</sup> Embodiment



- ▶ “[T]he operator operating 1 can make the **pointing input** by slightly raising and index finger. The user’s co remarkably improved here keyboard input and the gesture input can be m hardly any shift of the hand 1004, 50:38-43.
- ▶ “[T]he entire hand of the **is illuminated**, as can be se dashed line circle indicating illumination.” *Id.* at 50:35-37

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