

**Oral Presentation On E
Gesture Technology Par
Patent Owner
(September 13, 202**

Apple, Inc., et al. v. Gesture Techno
IPR2021-00922

Petitioner's Unpatentability Grounds.

Proposed Ground of Unpatentability

Ground 1: Claims 1, 2, 4-14, 17, 19, 21-22, 24-28 are obvious under pre-AIA 35 U.S.C. § 103 over U.S. Patent No. 6,144,366 (“*Numazaki*”) in view of the knowledge of a person having ordinary skill in the art at the time of the invention.

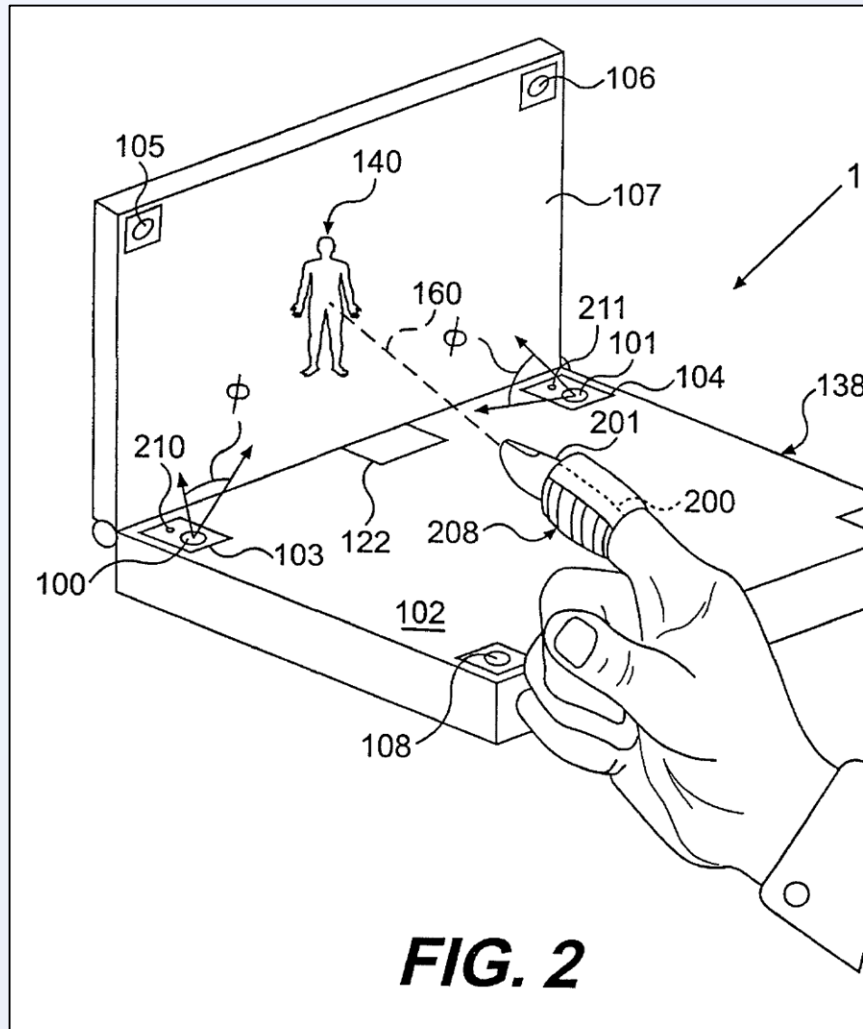
Ground 2: Claims 3, 15, and 23 are obvious under pre-AIA 35 U.S.C. § 103 over *Numazaki* in view of U.S. Patent No. 6,064,350 (“*Numazaki '863*”).

Ground 3: Claims 16 and 29 are obvious under pre-AIA 35 U.S.C. § 103 over *Numazaki* in view of U.S. Patent No. 6,064,350 (“*Numazaki '863*”).

Ground 4: Claim 18 is obvious under pre-AIA 35 U.S.C. § 103 over *Numazaki* in view of U.S. Patent No. 6,008,018 (“*DeLorenzo*”).

Ground 5: Claim 20 is obvious under pre-AIA 35 U.S.C. § 103 over *Numazaki* in view of U.S. Patent No. 6,191,773 (“*Martinez*”).

'079 Patent: "More Useful Man Machine Interface"



Challenged Claims

1. A computer implemented method comprising:
providing a light source adapted to direct illumination through a work volume above the light source;
providing a camera oriented to observe a gesture performed in the work volume, the camera being fixed relative to the light source; and
determining, using the camera, the gesture performed in the work volume and illuminated by the light source.

2. The method source includes
3. The method source includes
4. The method gesture includes
5. The method gesture includes
gesture, and a gr
6. The method mining the point
7. The method viding a target p work volume.
8. The method mining the three
9. The method the light source keypad.
10. The method

Challenged Claims

11. A computer apparatus comprising:
a light source adapted to illuminate a human body part within a work volume generally above the light source;
a camera in fixed relation relative to the light source and oriented to observe a gesture performed by the human body part in the work volume; and
a processor adapted to determine the gesture performed in the work volume and illuminated by the light source based on the camera output.

12. The computer apparatus comprising a display and a keyboard and input device.

13. The computer apparatus comprising a display that is pivotable.

14. The computer apparatus comprising a light source that includes a lens.

15. The computer apparatus comprising a light source that includes a lens.

16. The computer apparatus comprising a display that includes a touch screen.

17. The computer apparatus comprising a target that is visible in the work volume.

18. The computer apparatus comprising a processor adapted to determine a gesture in the work volume.

19. The computer apparatus comprising a processor adapted to determine a gesture in the work volume.

20. The computer apparatus comprising a processor adapted to determine a gesture in the work volume.

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