

**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 the invention was made.

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*”).

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.

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.