

IPR2016-00948

US. Patent 8,641,525

IPR2016-00949

US. Patent 9,089,770

Oral Argument

Valve Corp. v. Ironburg Inventions Ltd.

Trial Hearing
05 June 2017, 1pm

US Patent & Trademark Office
Madison Building East, 9th floor
600 Dulany Street,
Alexandria, VA 22314.

Tosaki is analogous art.

Ironburg:

➔ Tosaki is “non-analogous” to hand-held controllers like '525 patent and Enright.
 See, PO Response IPR2016-00948, pp. 47-49.

USPTO:

➔ Tosaki = same U.S. Classification as '525 patent:
463/37: Amusement Devices: Games: Hand manipulated.

United States Patent [19]
Tosaki et al.

[54] **STEERING WHEEL CONTROL APPARATUS FOR A TELEVISION GAME MACHINE**

[75] Inventors: **Kenji Tosaki; Masanori Kudou**, both of Tokyo, Japan

[73] Assignee: **Sega Enterprises, Ltd.**, Tokyo, Japan

[21] Appl. No.: **08/581,519**

[22] PCT Filed: **May 18, 1995**

[86] PCT No.: **PCT/JP95/00950**
 § 371 Date: **Jan. 11, 1996**
 § 102(c) Date: **Jan. 11, 1996**

[87] PCT Pub. No.: **WO95/32038**
 PCT Pub. Date: **Nov. 30, 1995**

[30] **Foreign Application Priority Data**

May 20, 1994	[JP]	Japan	6-129698
May 20, 1994	[JP]	Japan	6-129899
May 20, 1994	[JP]	Japan	6-129900
Jan. 5, 1995	[JP]	Japan	7-015515

[51] **Int. Cl.**⁶ **A63F 9/22**

[52] **U.S. Cl.** **463/37; 463/47**

[58] **Field of Search** 463/36, 37, 47;
 434/62, 29, 30, 71

(12) **United States Patent**
Burgess et al.

(54) **CONTROLLER FOR VIDEO GAME CONSOLE**

(75) Inventors: **Simon Burgess**, Loughborough (GB);
Duncan Ironmonger, Atlanta, GA (US)

(73) Assignee: **Ironburg Inventions Ltd.** (GB)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **13/162,727**

(22) Filed: **Jun. 17, 2011**

(65) **Prior Publication Data**

US 2012/0322553 A1 Dec. 20, 2012

(51) **Int. Cl.**
A63F 9/24 (2006.01)
A63F 13/00 (2006.01)

(52) **U.S. Cl.**
 USPC **463/37; 463/36; 463/46; 463/47;**
 200/5 R; 200/5 A; 200/329; 200/341; 200/345

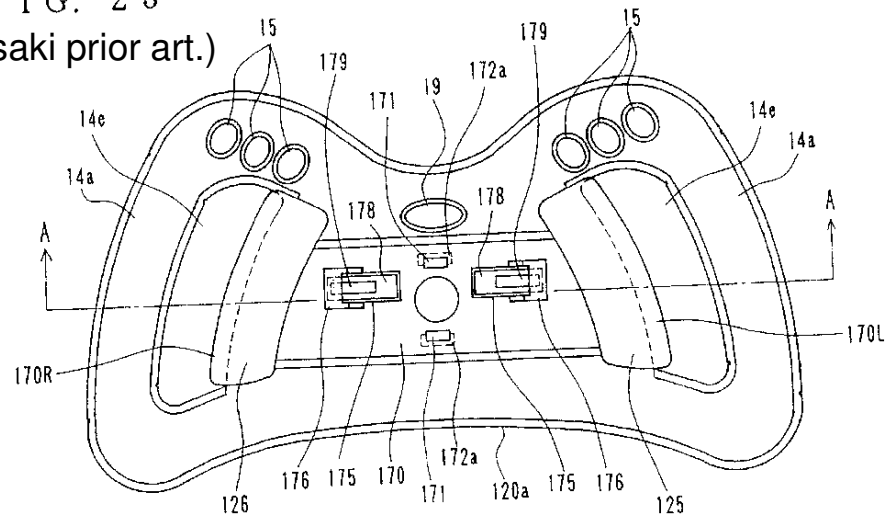
(58) **Field of Classification Search**
 USPC 463/37
 See application file for complete search history.

463/37;

Tosaki is “hand-held.”

FIG. 23

(Tosaki prior art.)



Tosaki prior art:

- ➔ “Hand grips 14a” – are within the ordinary meaning of “handles.”
- ➔ Tosaki abstract: “player’s hand holding the grip.”

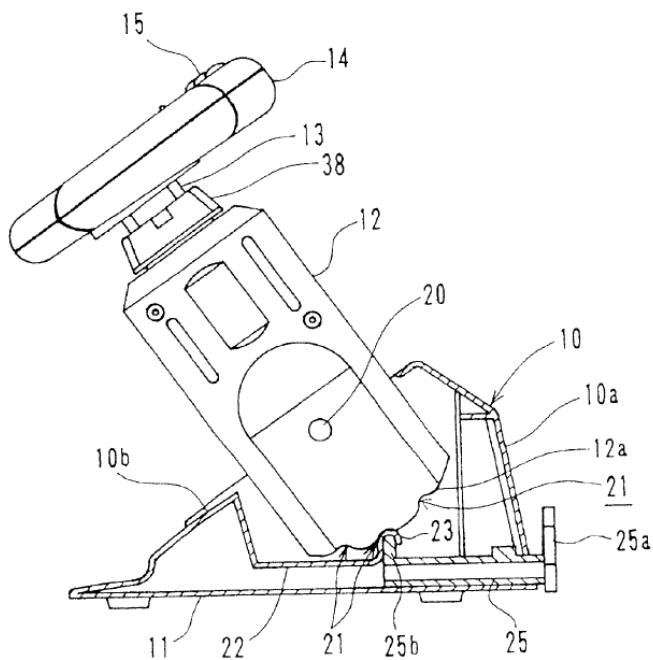
Ironburg:

- ➔ Makes no claim amendment to avoid Tosaki.
- ➔ Wants narrow construction of “hand-held”:
 - Controller can be supported by only the hands and nothing else?

Subject patents:

- ➔ *No disavowal*: hand-held controller may have additional support (e.g. from thighs).

“back of the controller” not limited to the base



Tosaki Fig. 10

Tosaki prior art:

- ➔ The base casing 10 and the steering wheel 14 have back surfaces.

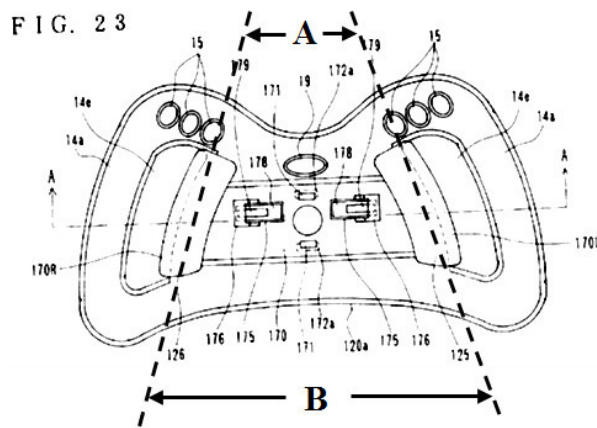
Ironburg:

- ➔ Only the base casing 10 has a back surface?

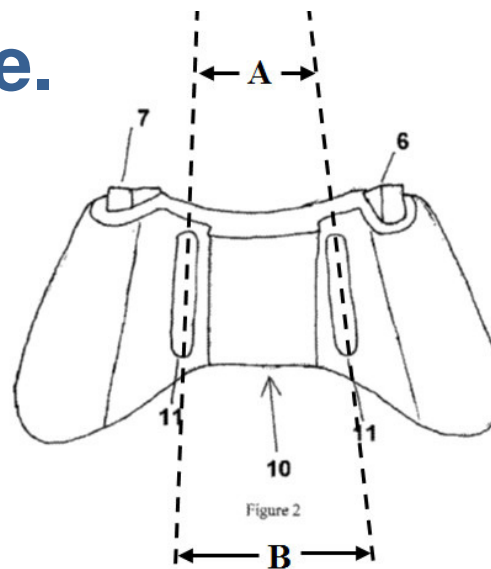
Subject patents:

- ➔ “Back of the controller” gets ordinary meaning.
- ➔ *No disavowal*: Tosaki’s steering wheel 14 may include a “back of the controller.”

Same convergence.



**Tosaki
convergence: $A < B$**



**'525 patent
convergence: $A < B$**

Toskaki prior art:

- ➔ Shows same convergence as in '525 patent.
 - Towards the top edge.

Ironburg:

- ➔ Convergence towards the "front" (into the page)?
 - The subject patents never say that.
 - The '525 drawings cannot not show that.

Subject patents:

"[T]he paddles are orientated such that they converge towards the top edge with respect to each other."
 '525 at 3:53-56 (emphasis added)

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