

Filed on behalf of Intellectual Ventures  
By: George E. Quillin  
Paul S. Hunter  
FOLEY & LARDNER LLP  
3000 K Street, N.W., Suite  
600 Washington, D.C. 20007  
Tel: (202) 672-5300 Fax:  
(202) 672-5399  
gquillin@foley.com

Paper No.  
Date Filed: December 5, 2013

UNITED STATES PATENT AND TRADEMARK OFFICE

---

BEFORE THE PATENT TRIAL AND APPEAL BOARD

---

XILINX, INC.  
Petitioner

v.

INTELLECTUAL VENTURES I LLC  
Patent Owner

---

Case IPR2013-00029  
Patent 5,632,545

---

**PATENT OWNER'S DEMONSTRATIVE EXHIBITS**

IPR2013-00029  
Patent Owner's Demonstrative Exhibits

**PATENT OWNER'S DEMONSTRATIVES**

In accordance with the Board's scheduling order, Patent Owner Intellectual Ventures submits the following demonstrative exhibits for use at the hearing scheduled for Monday, December 9, 2013.

/George E. Quillin/  
George E. Quillin  
Registration No. 32,792  
Foley & Lardner LLP  
Counsel for Patent Owner

# Inter Partes Review of U.S. 5,632,545

IPR2013-00029

Demonstratives

Patent Owner

Intellectual Ventures I LLC

December 9, 2013

# Challenges

- Challenge #1: Claims 1-3 anticipated by Flasck under 35 U.S.C. § 102.
  - [DENIED by Board, Paper 11.]
- Challenge #2: Claims 1-3 unpatentable over Flasck under 35 U.S.C. § 103.
- Challenge #3: Claims 1-3 unpatentable over combination of Takanashi and Lee under 35 U.S.C. § 103.

## Challenge #2: Flasck

- Claim 1 of the '545 patent recites:

a light-shutter matrix system comprising a number of equivalent switching matrices equal to the number of beams and placed one each in the beam paths;

- Flasck, however, specifically, teaches away from the use of “light shutters” ...

# 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.