Paper No._____

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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XILINX, INC, Petitioner

v.

Patent of INTELLECTUAL VENTURES I LLC,
Patent Owner.

Patent No. 5,632,545
Issue Date: May 27, 1997
Title: ENHANCED VIDEO PROJECTION SYSTEM

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Inter Partes Review No. IPR2013-00029

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PETITIONER XILINX'S DEMONSTRATIVES FOR ORAL ARGUMENT

Trial Presentation
Of Petitioner
Xilinx, Inc.

IPR2013-00029

By: **David McCombs**
         Thomas King
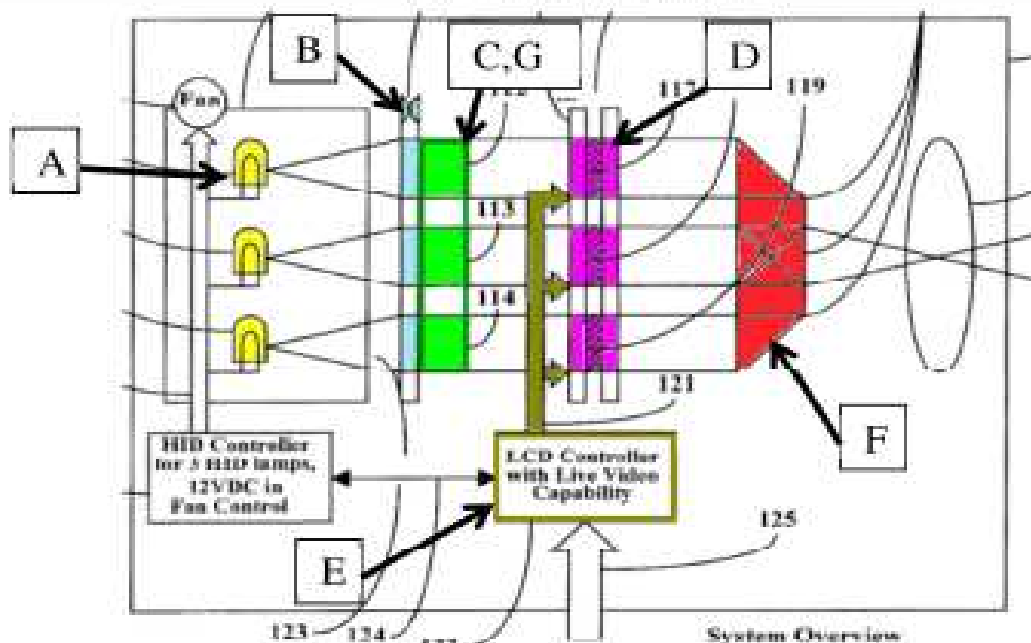   **Haynes and Boone, LLP**

Overview

❖ Technical Summary

❖ Flasck: Obviousness Under The Board's Constructions

  – Video Speeds

  – Video Controller

❖ Flasck: Obviousness Under IV's Constructions

❖ Obviousness In View Of Takanashi

❖ Rebuttal

'545 Patent

'545 Patent Claim 1

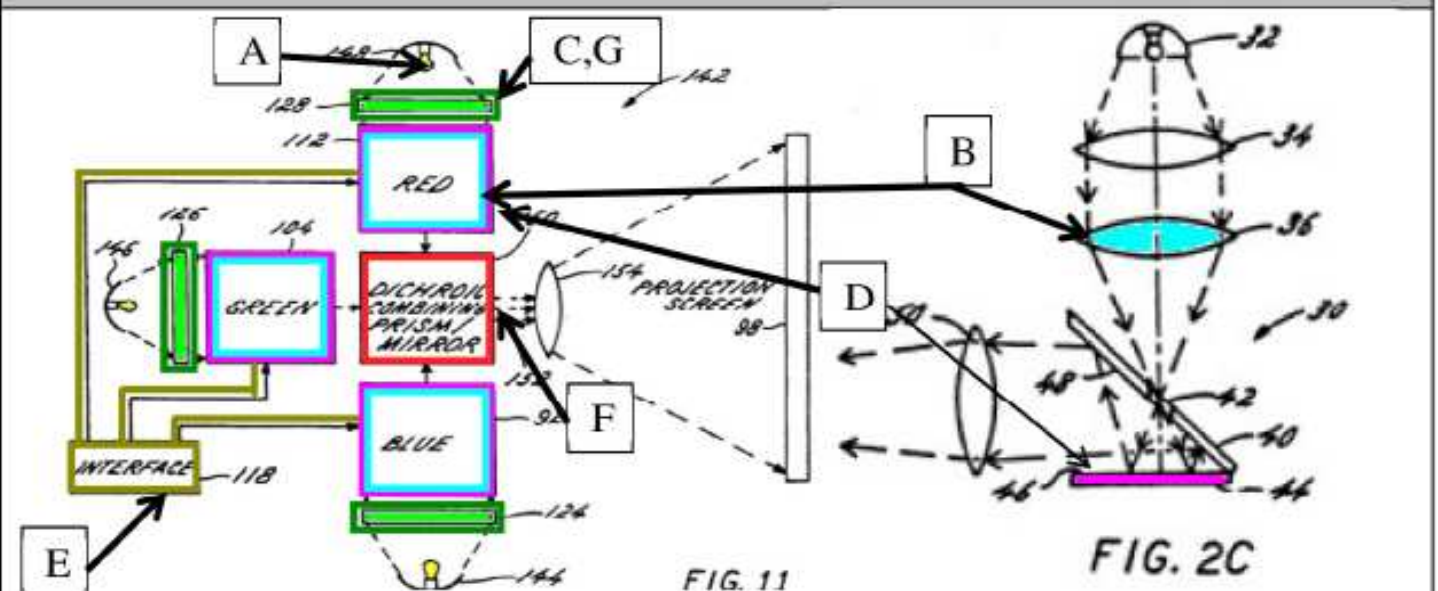|			
	1. A video projector system comprising:	D	a light-shutter matrix system comprising a number of equivalent switching matrices equal to the number of beams and placed one each in the beam paths;
A	individual light sources, one each for each color to be projected, adapted to provide each a separate light beam;	E	a video controller adapted for controlling the light-shutter matrices; and
B	a lens system in the path of the separate light beams, adapted for focusing the beams;	F	an optical combination system adapted for combining the several beams into a single composite beam for projection on a surface to provide a video display;
C	a number of individual color filters equal to the number of beams, in the colors to be projected, and placed one each in each beam path;	G	wherein each beam passes through a color filter before being processed by a light-switching matrix.

'545 Patent Figure 1

System Overview

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'545 Patent Claim 1

	1. A video projector system comprising:	D	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;
A	individual light sources, one each for each color to be projected, adapted to provide each a separate light beam;	E	a video controller adapted for controlling the light-shutter matrices; and
B	a lens system in the path of the separate light beams, adapted for focusing the beams;	F	an optical combination system adapted for combining the several beams into a single composite beam for projection on a surface to provide a video display;
C	a number of individual color filters equal to the number of beams, in the colors to be projected, and placed one each in each beam path;	G	wherein each beam passes through a color filter before being processed by a light-switching matrix.

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FIG. 11

FIG. 2C

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