Name of the Applicant: JDS Uniphase Corporation

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identifying layer materials and layer thicknesses for a first interference filter comprising a first reflector layer, a first absorber layer, and a first spacer layer between the first reflector layer and the first absorber layer, and for a second interference filter comprising a second reflector layer, a second absorber layer, and a second spacer layer between the second reflector layer and the second absorber layer,

wherein the layer materials and layer thicknesses are such that an optical thickness of the first spacer layer is different from an optical thickness of the second spacer layer,

and wherein the first and second interference filters match in hue at the first viewing angle, and the first and second interference filters mismatch in hue at the second viewing angle;

modifying the first or second interference filter so as to identify first and second modified interference filters,

comprising modifying at least one of the layer materials and layer thicknesses of the first and second reflector and absorber layers the layer material or the layer thickness of the first or second absorber layer or of the first or second reflector layer,

or modifying the first or second spacer layers by including an additional absorber layer therewithin,

wherein a difference in lightness at the first viewing angle between the first and second modified filters is less that a difference in lightness at the first viewing angle between the first and second filters

200

100

FIG. 1

(Chetan Chadha)

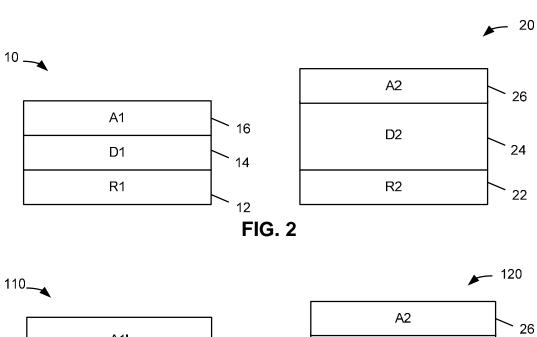
Patent Agent for the Applicant

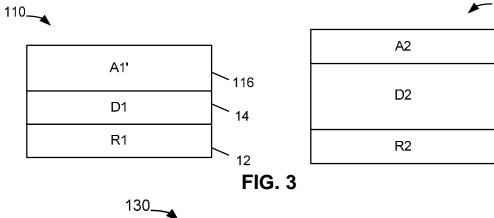
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` 24

22

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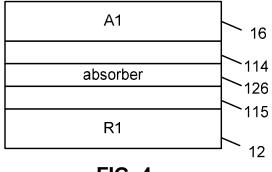


FIG. 4

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## Process Path for All Colors (FOIL) (MgF2 from 100nm to 630nm in 5nm Steps)

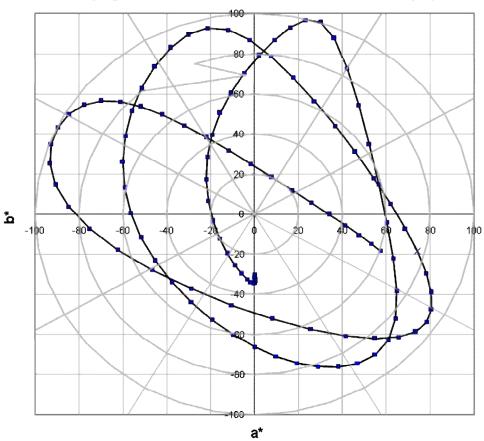


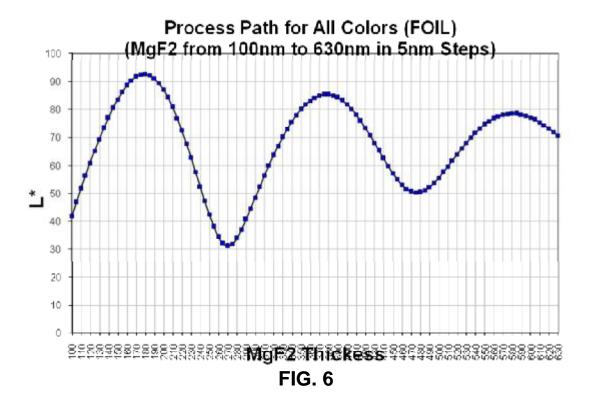
FIG. 5

(Chetan Chadha)

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(Chetan Chadha)
Patent Agent for the Applicant

Name of the Applicant: JDS Uniphase Corporation

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(a) identifying layer materials and layer thicknesses for a first interference filter comprising two first metal layers and a first spacer layer therebetween, and for a second interference filter comprising two second metal layers and a second spacer layer therebetween,

wherein the layer materials and layer thicknesses are such that an optical thickness of the first spacer layer is different from an optical thickness of the second spacer layer,

and wherein the first and second interference filters match in hue at the first viewing angle, and the first and second interference filters mismatch in hue at the second viewing angle;

300

modifying the first or second interference filter so as to identify first and second modified interference filters,

comprising modifying the layer material or the layer thickness of one of the first or second metal layers,

or modifying the first or second spacer layers by including an absorber layer therewithin.

wherein a difference in lightness at the first viewing angle between the first and second modified filters is less that a difference in lightness at the first viewing angle between the first and second filters;

400

FIG. 7

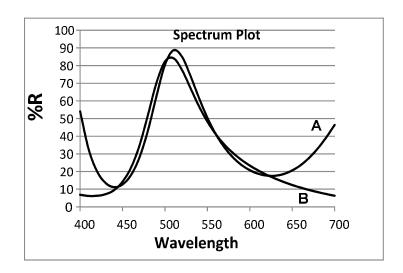
(Chetan Chadha)

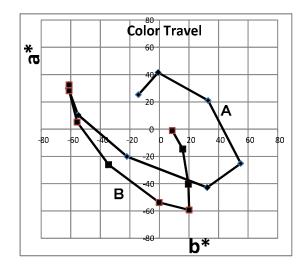
Patent Agent for the Applicant

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Design	L*	a*	b*	Hue	C*
Α	74.4	-61.1	32.7	151.8	69.4
В	73.8	-61.1	32.4	152.0	69.2





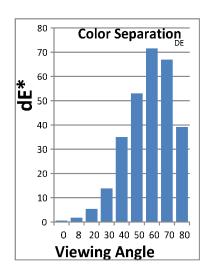


FIG. 8

(Chetan Chadha)
Patent Agent for the Applicant