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Declarations under Rule 4.17:

[Continued on next page]

(54) Title: LIGHT EXTRACTION FILMS FOR INCREASING PIXELATED OLED OUTPUT WITH REDUCED BLUR

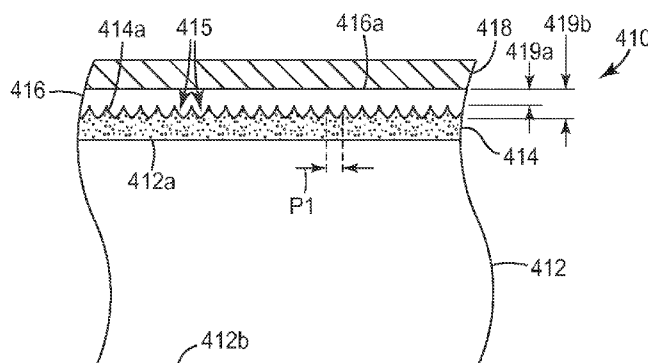


FIG. 4

(57) Abstract: Optical films for enhancing light extraction from self-emissive pixelated OLEDs, without introducing significant pixel blur, are disclosed. The extraction films include a flexible carrier film, and a first and second layer carried by the carrier film. The first layer has a nanovoiced morphology, includes a polymer binder, and may have a refractive index less than 1.35 or 1.3. An embedded structured surface of light extraction elements is formed between the first and second layers. The extraction film includes a major coupling surface for attachment to an outer surface of the light source. The film is configured such that a land portion between the structured surface and the major coupling surface is thinner than a specified amount, for example, less than 50, 25, or 10 microns, or less than a thickness of the carrier film.



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