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(71) Applicant: **FUJIFILM Corporation**
Minato-ku
Tokyo (JP)

(72) Inventors:
• **Hatanaka, Yusuke**
c/o Fuji Photo Film Co., Ltd.
Haibara-gun
Shizuoka-ken (JP)
• **Watanabe, Kotaro**
c/o Fuji Photo Film Co., Ltd.
Haibara-gun
Shizuoka-ken (JP)

(74) Representative: **HOFFMANN EITLE**
Patent- und Rechtsanwälte
Arabellastrasse 4
81925 München (DE)

(54) **Planographic printing plate precursor**

(57) The planographic printing plate precursor according to the invention is a planographic printing plate precursor, comprising a support and a recording layer formed on the support containing a sulfonium salt (A), an alkali-soluble resin (B), and an infrared absorbent (C), wherein the sulfonium salt (A) has a solubility of 25 mg/ml or more in aqueous 0.1 mol/L NaOH solution having a

liquid temperature of 25°C at normal room temperature and atmospheric pressure. The invention provides a high-sensitivity planographic printing plate precursor that allows direct plate making by scanning exposure based on digital signals, for example and also suppresses generation of development scum.

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EUROPEAN SEARCH REPORT

Application Number
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			B41C
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 15 February 2007	Examiner Vogel, Thomas
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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15-02-2007

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82