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- **Tajima, Hideharu**
Izumi-shi Osaka 594-1153 (JP)
- **Mori, Go**
Nara-shi Nara 631-0016 (JP)
- **Yamamoto, Masaki**
Yamatokoriyama-shi Nara 639-1157 (JP)

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(71) Applicant: **SHARP KABUSHIKI KAISHA**
Osaka 545-8522 (JP)

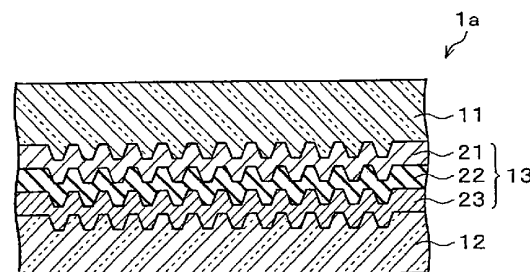
(74) Representative: **Müller - Hoffmann & Partner**
Patentanwälte,
Innere Wiener Strasse 17
81667 München (DE)

(72) Inventors:
• **Takamori, Nobuyuki**
Kitakatsuragi-gun Nara 636-0063 (JP)

(54) **Optical information recording medium, recording and readout methods using the same, optical information recording device, and optical information readout device**

(57) An optical information recording medium includes a substrate formed in a concave-convex state by providing pits or grooves corresponding to recorded information, used for optically reproducing the information by irradiation of a light beam, and may also include a recording layer. The optical information recording medium includes a temperature responsive layer 21 whose reflectance and/or transmittance for the light beam changes with an increase in temperature caused by the irradiation of a light beam and a light absorption layer 22. With such an arrangement, the present invention provides an optical information recording medium enabling secure and highly accurate readout of information recorded with high density, a recording method and a readout method using the same, a readout device, and a recording device.

FIG. 1



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