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(54) **Integrated optical disc label scanner system and method of scanning an optical disc graphic display**

(57) An integrated optical disc label scanner system (10) can comprise a substrate (12) configured for spinning an optical disc (16), wherein the optical disc has a graphic display (20) on a first surface (18); an emitting device (26) positioned near the substrate and configured for propagating energy (30) for reflection from the graphic display; a detecting device (28) positioned near the emitting device and configured to receive reflected energy (32) sourced from the emitting device and reflected from the graphic display while the optical disc is spinning; and a signal processor (38) coupled to the detecting device and configured for converting the energy

collected by the detecting device into digitized data corresponding to the graphic display. Further, a method of scanning a graphic display from an optical disc can comprise the steps of spinning an optical disc having a graphic display on a first surface; radiating progressive portions of the spinning first surface with a form of energy which interacts with sequential portions of the graphic display to capture in reflected energy a signal format of the graphic display; collecting the signal format of the graphic display while the optical disc is spinning; and converting the signal format of the graphic display into digitized data.

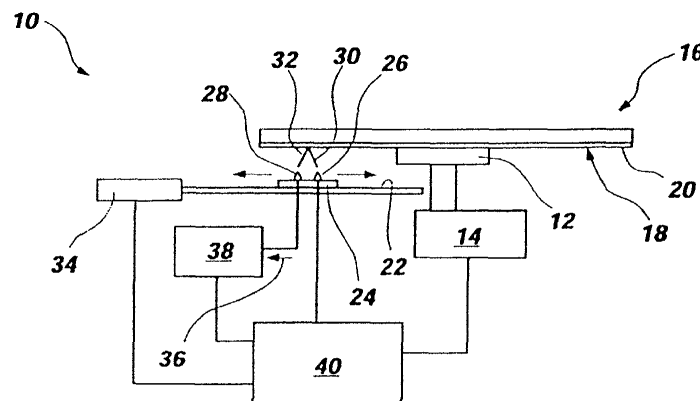


Fig. 1



| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
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| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int.Cl.7) |
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| | | | G11B H04N |
| The present search report has been drawn up for all claims | | | |
| Place of search | | Date of completion of the search | Examiner |
| The Hague | | 15 September 2005 | Sozzi, R |
| <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</p> <p>& : member of the same patent family, corresponding document</p> | | | |

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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