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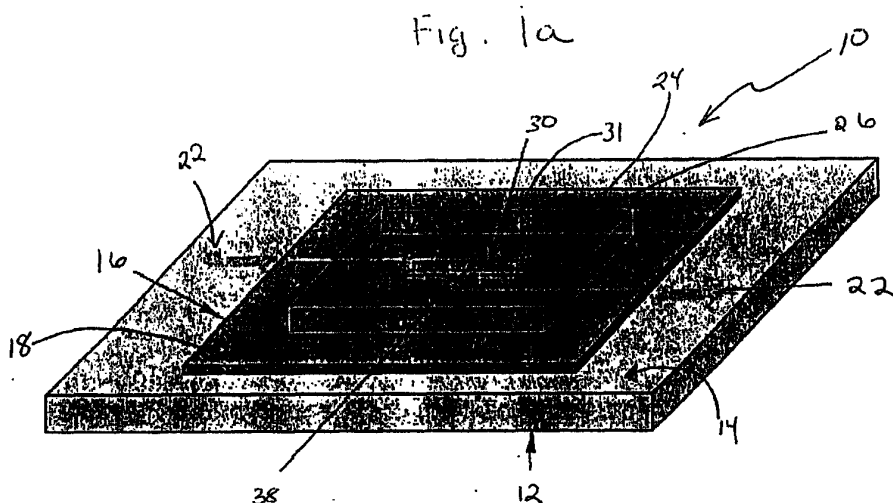
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(54) **Nanosensors**

(57) Electrical devices comprised of nanowires are described, along with methods of their manufacture and

use. The nanowires can be nanotubes and nanowires. The surface of the nanowires may be selectively functionalized. Nanodetector devices are described.



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| Place of search The Hague | | Date of completion of the search 7 May 2008 | Examiner Cook, Steven |
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| 专利名称(译) | 纳米传感器 | | |
| 公开(公告)号 | EP1736760A3 | 公开(公告)日 | 2008-06-18 |
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| 优先权 | 60/254745 2000-12-11 US 60/292035 2001-05-18 US | | |
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摘要(译)

描述了由纳米线组成的电子器件及其制造和使用方法。纳米线可以是纳米管和纳米线。纳米线的表面可以选择性地官能化。描述了纳米探测器装置。

