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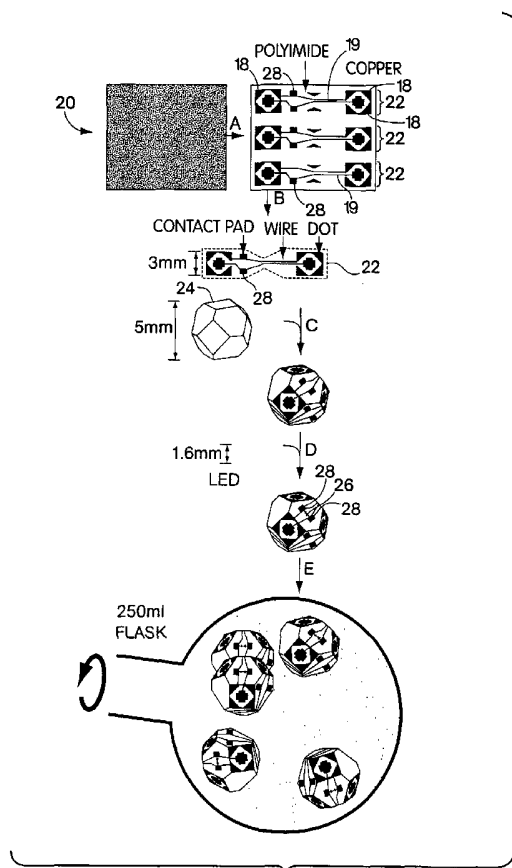
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(54) Title: SELF-ASSEMBLED ELECTRICAL NETWORKS



(57) Abstract: Techniques for self assembly of macro-scale objects, optionally defining electrical circuitry, are described, as well as articles formed by self assembly. Components can be joined, during self-assembly by minimization of free energy, capillary attraction, or a combination.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L21/98 H01L25/065 H01L25/00

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 355 577 A (COHN MICHAEL B) 18 October 1994 (1994-10-18) claim 2; figures 4,5,7 ---	1-15
Y	N. BOWDEN ET AL.: "Self-Assembly of Mesoscale Objects into Ordered Two-Dimensional Arrays" SCIENCE, vol. 276, 11 April 1997 (1997-04-11), pages 233-235, XP001124332 the whole document --- -/--	1-15

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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O document referring to an oral disclosure, use, exhibition or other means

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Information on patent family members

International Application No

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