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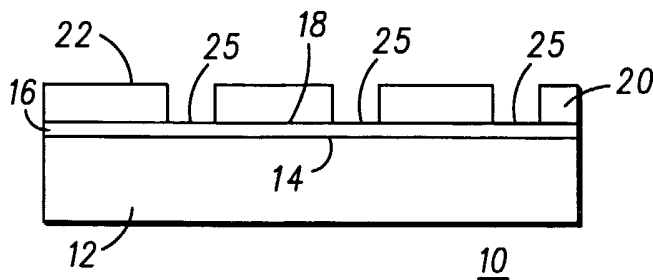
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(54) Title: LITHOGRAPHIC TEMPLATE



(57) Abstract: This invention relates to semiconductor devices, microelectronic devices, micro electro mechanical devices, microfluidic devices, and more particularly to a lithographic template, a method of forming the lithographic template and a method for forming devices with the lithographic template. The lithographic template (10) is formed having a substrate (12), an optional etch stop layer (16) formed on a surface (14) of the substrate (12), and a patterning layer (20) formed on a surface (18) of the etch stop layer (16). The template (10) is used in the fabrication of a semiconductor device (30)

for affecting a pattern in device (30) by positioning the template (10) in close proximity to semiconductor device (30) having a radiation sensitive material formed thereon and applying a pressure to cause the radiation sensitive material to flow into the relief image present on the template. Radiation is then applied through the template so as to further cure portions of the radiation sensitive material and further define the pattern in the radiation sensitive material. The template (10) is then removed to complete fabrication of semiconductor device (30).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G03F7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G03F

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, PAJ, WPI Data, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^o	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	PATENT ABSTRACTS OF JAPAN vol. 011, no. 375 (P-644), 8 December 1987 (1987-12-08) & JP 62 145553 A (SUMITOMO BAKELITE CO LTD), 29 June 1987 (1987-06-29) abstract ---	1,2,8,9, 11,12, 18,19
X	PATENT ABSTRACTS OF JAPAN vol. 011, no. 164 (P-580), 27 May 1987 (1987-05-27) & JP 61 296549 A (SHARP CORP), 27 December 1986 (1986-12-27) abstract ---	11,18
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Further documents are listed in the continuation of box C. Patent family members are listed in annex.

^o Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance	*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
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O document referring to an oral disclosure, use, exhibition or other means	*&* document member of the same patent family
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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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