



— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 06/29696

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - B29C 41/34; B29C 41/36; B29C 67/00 (2007.01) USPC - 264/308; 264/144; 264/317 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) USPC - 264/308; 264/144; 264/317 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 practicable, search terms used) USPTO-WEST - PGPB,USPT,USOC,EPAB,JPAB keywords: three dimensional model, fabrication, method, layer, mold, sacrificial, support, modeling material, void, drop INTERNET search - Google - three dimensional model, fabrication, method, layer, mold, sacrificial, support, modeling material, void, drop																						
C. DOCUMENTS CONSIDERED TO BE RELEVANT																						
<table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X ----- Y</td> <td>US 2004/0129823 A1 (SWANSON et al.) 08 July 2004 (08.07.2004), para [0002-0003]; para [0006]; para [0035-0037].</td> <td>1 ----- 2-5, 10-14</td> </tr> <tr> <td>Y</td> <td>US 6,869,559 B2 (HOPKINS) 22 March 2005 (22.03.2005), Abstract; col 1, ln 54-60; col 1, ln 53-60; col 4, ln 7-14, 37-44; col 6, ln 18-20; col 9, ln 13-18, 37-41; col 10, ln 17-48.</td> <td>2-3, 5-9, 11-12, 14-18</td> </tr> <tr> <td>Y</td> <td>US 6,492,651 B2 (KEREKES) 10 December 2002 (10.12.2002), col 5, ln 43-67.</td> <td>4, 6-9, 13, 15-18</td> </tr> <tr> <td>Y</td> <td>US 2005/0110177 A1 (SCHULMAN et al.) 26 May 2005 (26.05.2005), para [0021-0022].</td> <td>10-18</td> </tr> <tr> <td>Y</td> <td>US 6,209,420 B1 (BUTCHER et al.) 03 April 2001 (03.04.2001), col 1, ln 58-59; col 3, ln 34-39, 46-50; col 5, ln 53-54.</td> <td>3, 8-9, 12, 17</td> </tr> <tr> <td>Y</td> <td>US 5,121,329 A (CRUMP) 09 June 1992 (09.06.1992), Abstract; col 3, ln 10-20, 27-50.</td> <td>6-9, 15-18</td> </tr> </tbody> </table>	Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X ----- Y	US 2004/0129823 A1 (SWANSON et al.) 08 July 2004 (08.07.2004), para [0002-0003]; para [0006]; para [0035-0037].	1 ----- 2-5, 10-14	Y	US 6,869,559 B2 (HOPKINS) 22 March 2005 (22.03.2005), Abstract; col 1, ln 54-60; col 1, ln 53-60; col 4, ln 7-14, 37-44; col 6, ln 18-20; col 9, ln 13-18, 37-41; col 10, ln 17-48.	2-3, 5-9, 11-12, 14-18	Y	US 6,492,651 B2 (KEREKES) 10 December 2002 (10.12.2002), col 5, ln 43-67.	4, 6-9, 13, 15-18	Y	US 2005/0110177 A1 (SCHULMAN et al.) 26 May 2005 (26.05.2005), para [0021-0022].	10-18	Y	US 6,209,420 B1 (BUTCHER et al.) 03 April 2001 (03.04.2001), col 1, ln 58-59; col 3, ln 34-39, 46-50; col 5, ln 53-54.	3, 8-9, 12, 17	Y	US 5,121,329 A (CRUMP) 09 June 1992 (09.06.1992), Abstract; col 3, ln 10-20, 27-50.	6-9, 15-18	
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774																					