



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification <sup>6</sup> : <b>B31B 1/50, B32B 3/10, 31/18</b></p>	<p><b>A3</b></p>	<p>(11) International Publication Number: <b>WO 96/18768</b> (43) International Publication Date: 20 June 1996 (20.06.96)</p>
<p>(21) International Application Number: PCT/IB95/01170 (22) International Filing Date: 8 December 1995 (08.12.95) (30) Priority Data: 08/352,376 8 December 1994 (08.12.94) US (71) Applicant: RONAI, Monica [BR/BR]; Apartamento 204, Rua General Gleciere, 224, Rio de Janeiro (BR). (72) Inventor: RONAI, Anton; 231-174 Street #818, North Miami Beach, FL 33160 (US).</p>	<p>(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, LS, MW, SD, SZ, UG).</p> <p><b>Published</b> <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report: 22 August 1996 (22.08.96)</p>	
<p>(54) Title: A TEXTILE MANUFACTURING APPARATUS AND METHOD</p>		
<p>(57) Abstract</p>		
<p>A textile manufacturing apparatus (10) for manufacturing a sequined, textured fabric (11), the manufacturing apparatus being structured to cut an array of geometric shapes into a dual layer sheet (12) formed by first and second material films (15, 16). The geometric shaped cutouts define a plurality of geometrically shaped members (17) and a plurality of geometrically shaped apertures (18). Further, the manufacturing apparatus is structured to push the geometrically shaped members (17) into a raised orientation above an upper surface of the dual layer sheet (12), the geometrically shaped members (17) of the second film protruding through the geometrically shaped apertures (18) of the first film. The apparatus is further structured to stagger the first film relative to the second film so as to space the geometrically shaped members of each film from one another in order to form the sequined, textured fabric (11). Finally, a backing material layer (75) is added to secure the first and second material films in their staggered orientation.</p>		

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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB95/01170

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(6) : B31B 1/50; B32B3/10, 31/18  
US CL : 156/253, 513; 428/52, 133; 493/350, 390

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)

U.S. : 156/63, 91, 92, 253, 269, 290, 324, 513, 553; 428/52, 133 141, 224; 493/350, 390

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

None

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

None

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US, A, 3,650,881 (GIANNONE,SR.) 21 March 1972 (21.03.72), see entire document.	1-3, 6-10, 13, 14, and 16-20
Y	US, A, 3,741,079 (BOSSONS ET AL) 26 June 1973 (26.06.73), see column 2, line 52 to column 3, line 47.	1-3, 6-10, 13, 14, and 16-20

Further documents are listed in the continuation of Box C.  See patent family annex.

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Date of the actual completion of the international search

24 JUNE 1996

Date of mailing of the international search report

02 JUL 1996

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