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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
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(54) Title: GENETIC CHANGES IN ATYPICAL NODULAR PROLIFERATIONS IN CONGENITAL MELANOCYTIC NEVI

(57) Abstract: The invention provides methods of distinguishing benign growths arising from congenital melanocytic nevi from malignant melanoma. The methods comprise detecting a change in chromosome number that is specifically associated with benign growths. These changes include a gain of chromosome 10, a gain of chromosome 11, and a loss of chromosome 7.

INTERNATIONAL SEARCH REPORT

International application No.

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US CL : 435/6; 536/23.1				
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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 practicable, search terms used) CMN or cogenital melanocytic nevi; chromosome; gain or loss				
CIVILY OF COR	antai melanocytic nevi, emoniosome, gam or ioss			
C. DOC	UMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a	opropriate of the relevant passages	Relevant to claim No.	
A	THOMPSON et al. "Cytogenetics of 158 patients w		· 1-18	
A	melanoma." Cancer Genet. Cytogenet. Vol. 83, pages 93-104, 1995, see entire document,			
	especially Figure 2.			
	YYO C OCC 000 DA (D.)	27 (2001)	1.40	
A	US 6,261,775 B1 (Bastian et al.) 17 July 2001 (17.07.2001), see entire document especially Figure 1.			
A	US 6,465,180 B1 (Bastian et al.) 15 October 2002 (15.10.2002), see entire document,			
••	especially Figure 1.			
<u> </u>	documents are listed in the continuation of Box C.	See patent family annex.		
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