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(72) Inventor: **Matsubara, Hideo**
Sapporo-shi, Hokkaido (JP)

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(74) Representative:
Klingseisen, Franz, Dipl.-Ing. et al
Patentanwälte,
Dr. F. Zumstein,
Dipl.-Ing. F. Klingseisen,
Postfach 10 15 61
80089 München (DE)

(71) Applicant: **Matsubara, Hideo**
Sapporo-shi, Hokkaido (JP)

(54) **Body temperature-adjustable clothing**

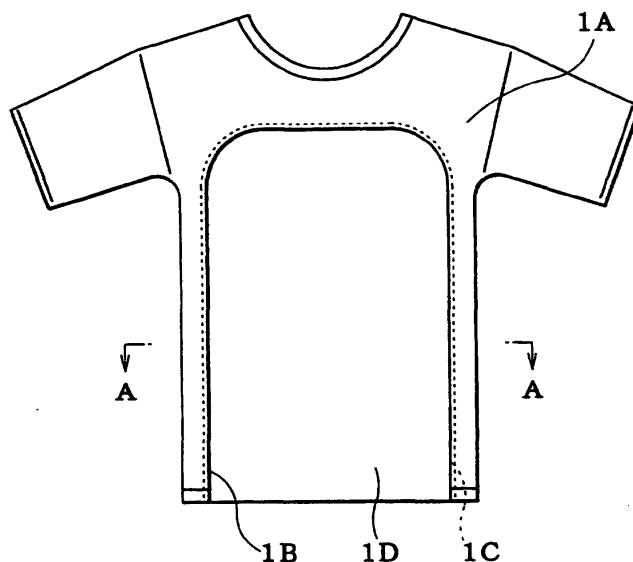
(57) Clothing having an open portion at a part thereof to adjust the body temperature, by which the body temperature can easily be adjusted.

An open portion 1B is formed on a part of clothing 1, and this open portion 1B is covered with a ventilative net material 1E. The net material 1E of the open portion 1B is covered with a patch cloth 1D. This patch cloth 1D is detachable from the open portion 1B by a fastener.

When one wearing the clothing feels hot, the fas-

tener 1C is unzipped and the patch cloth 1D is detached, and the net material 1E of the open portion 1B is exposed. And, the ventilation can be made well through the net material 1E, and the raised body temperature can be gradually lowered. When feeling cool, the patch cloth 1D is attached again to the open portion 1B, and thus warmth can be kept. The open portion 1B may be formed at an appropriate portion of an upper clothing or a lower clothing.

FIG. 1



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 6 085 353 A (VAN DER SLEESSEN MICHAEL F) 11 July 2000 (2000-07-11) * column 7, line 49 - line 64; claims 1-3; figures 1-5 *	1,2	A41D27/00 A41D13/002
A	-----	3,8	
A	US 5 752 277 A (VAN DER SLEESSEN MICHAEL F) 19 May 1998 (1998-05-19) * column 4, line 22 - line 24; figure 3 *	1-5	
A	US 4 731 883 A (FOSTER RONALD W) 22 March 1988 (1988-03-22) -----		
A	US 6 163 883 A (HONG JIN S) 26 December 2000 (2000-12-26) -----		
A	PATENT ABSTRACTS OF JAPAN vol. 0152, no. 52 (C-0844), 26 June 1991 (1991-06-26) & JP 3 082802 A (KIICHI TAGA), 8 April 1991 (1991-04-08) * abstract *		TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A41D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		11 May 2004	Van Gelder, P
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 00 0632

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date	
US 6085353	A	11-07-2000	EP WO	1102551 A1 9942010 A1	30-05-2001 26-08-1999
US 5752277	A	19-05-1998	US US	5507042 A 5704064 A	16-04-1996 06-01-1998
US 4731883	A	22-03-1988	NONE		
US 6163883	A	26-12-2000	NONE		
JP 3082802	A	08-04-1991	NONE		

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82