

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 February 2004 (19.02.2004)

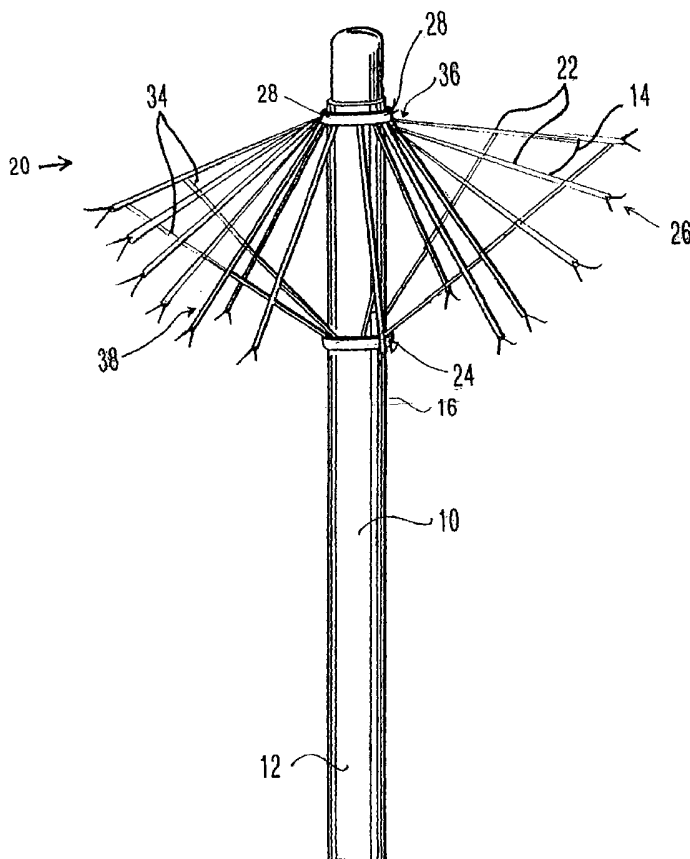
PCT

(10) International Publication Number
WO 2004/014174 A3

- (51) International Patent Classification⁷: **A45B 25/00**
- (21) International Application Number:
PCT/US2003/024697
- (22) International Filing Date: 8 August 2003 (08.08.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/403,581 11 August 2002 (11.08.2002) US
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- (81) Designated States (*national*): 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, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): 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, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report

[Continued on next page]

(54) Title: MULTIPURPOSE AIR VENTILATING UMBRELLA



(57) Abstract: The invention as disclosed provides a ventilating umbrella that protects against sun, and/or rain. In particular, the umbrella contains a trunk (10), and at least one deployable canopy (20) attached to the trunk. The canopy (20) contains a plurality of leaf compartments (26) made of synthetic leaves and a plurality of splines (22), each of the splines (22) having a distal end (38), a middle end, and a hinged end (36). The hinged end (36) is attached to the trunk (10), and the distal end (38), middle end or both are attached to the leaf compartment (26).



(88) Date of publication of the international search report:

17 March 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/24697

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A45B 25/00

US CL : 135/31, 33.7, 33.5; 428/8, 20

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. : 135/31, 33.7, 33.5; 33.2, 25.31; 428/8-9, 20

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,789,570 A (MADDOCK) 06 December 1988 (06.12.1988). See entire document	1-9, 21
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Y		10-20
X	US 5,150,874 (SPIEGEL et al.) 29 September 1992 (29.09.1992). See entire document.	1-21
A	US 5,307,827 A (HADDAD et al.) 03 May 1994 (03.05.1994). See entire document.	1-9, 21
A, P	US 6,571,814 A (YOU) 03 June 2003 (03.06.2003). See entire document.	1-6, 10-21
X	US 6,333,083 A (SMEDLEY et al.) 25 December 2001 (25.12.2001). See entire document.	1-5, 10-21
A	US 3,457,931 A (YOSHIO SHIMIZU) 29 July 1969 (29.07.1969). See entire document.	1-9
A	US 3,374,798 A (SAMUELSON) 26 March 1968 (26.03.1968). See entire document.	1-5, 10-21



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:		"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
"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
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Date of the actual completion of the international search

20 September 2004 (20.09.2004)

Date of mailing of the international search report

10 DEC 2004

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