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

# (19) World Intellectual Property Organization International Bureau





# (43) International Publication Date 16 January 2003 (16.01.2003)

### PCT

# (10) International Publication Number WO 03/005157 A3

(51) International Patent Classification<sup>7</sup>: G06F 17/60

(21) International Application Number: PCT/US02/21045

(22) International Filing Date: 2 July 2002 (02.07.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

09/900,106 6 July 2001 (06.07.2001) US

- (71) Applicant: ASSETSIGHT, INC. [US/US]; 5 Vaughn Drive, Princeton, NJ 08540 (US).
- (72) Inventor: KAUFMAN, Alan, R.; 2 Oak Place, Princeton, NJ 08540 (US).
- (74) Agent: GOLUB, Daniel, H.; 1701 Market Street, Philadelphia, PA 19103 (US).

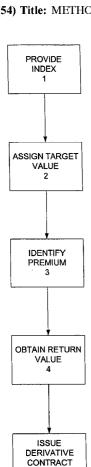
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, 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, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### **Declarations under Rule 4.17:**

 as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations

[Continued on next page]

#### (54) Title: METHOD FOR ISSUING A DERIVATIVE CONTRACT



5

WO 03/005157 A3

(57) Abstract: A method for issuing a derivative contract to a buyer includes providing an index (1) that represents a measure of commercial market volatility, assigning a target value (2) for the index at an expiration of the derivative, identifying a premium (3) for the derivative contract, estimating a return value (4) to pay a buyer at the expiration if the target value is attained, and issuing the derivative contract (5) to the buyer in accordance with the premium, expiration and return value.

### WO 03/005157 A3



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

### Published:

with international search report

# (88) Date of publication of the international search report: 21 August 2003

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/US02/21045

US CL : 35, 36, 37  According to International Patent Classification (IPC) or to both national classification and IPC  B. FIBLIS SEARCHED  Minimum documentation searched (classification system followed by classification symbols)  U.S.: 705/35, 36, 37  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.  Y  US 6, 253, 32, 12 If Daughtery, III) 17 July 2001 (17.07.2001), column 4, lines 37-46; column 9, lines 21-24.  US 6, 252, 12, 12 B1 (Lange) 20 November 2001 (20.11.2001), column 22, lines 48-67; col  22, lines 1-40.  US 6, 061, 662 A (Makivic) 9 May 2000 (9.5.2000), column 1, lines 19-67.  1-19  Liter document published after the international filing date of priority date and not in solline with the syllication to circle to undertuned the control of particular reference or carbot the prophetical test of action of circle of circle of control to carboth the perhapsion date of action circles or the repetition of control to the international filing date on the control of the international filing date on the control of the circles of the prophetic date of action of circles or the prophetic date of the season of the ISA/US  Comment of the international search report  Date of the actual completion of	A. CLASSIFICATION OF SUBJECT MATTER				
B. FIELDS SEARCHED  Minimum documentation searched (classification system followed by classification symbols)  U.S.: 705/35, 36, 37  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.  Y U.S. 26,32,121 El. (Daughtery, III) 17 July 2001 (17.07.2001), column 4, lines 37-46; column 19, lines 21-24.  Y U.S. 6,21,212 El. (Lange) 20 November 2001 (20.11.2001), column 22, lines 48-67; col 23, lines 1-40.  Y U.S. 6,061,662 A (Makivic) 9 May 2000 (9.5.2000), column 1, lines 19-67.  1-19  Purther documents are listed in the continuation of Box C.  * Special categories of cited documents:  ** Special categories of cited documents:  ** A cocument defining the genaria state of the art which is not considered to be related to tracker and investigation or patent published on or after the international filing date.  ** ** Section of the international filing date or priority claim of the international filing date or priority claim of the international filing date.  ** ** ** Cocument of particular relevance, the claimed investigation cannot be repetitive of the international filing date to the continuation of the continuation of the international filing date to relevance the priority claim of the international filing date to the continuation of the continuation of particular relevance, the claimed investigation cannot be repetited by the columns of particular relevance, the claimed to repetit family of the continuation of	IPC(7) : G 06 F 17/60				
Minimum documentation searched (classification system followed by classification symbols)  U.S.: 705/35, 36, 37  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)  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.  V (US 6,263,321 Bi (Daughery, III) 17 July 2001 (17.07.2001), column 4, lines 37-46; column 19, lines 21-24.  Y (US 6,321,212 Bi (Lange) 20 November 2001 (20.11.2001), column 22, lines 48-67; col 23, lines 1-40.  Y (Social categorist of died documents:  "A" document defining the general rate of the art which is not ocalibred to be opticular relevance  "E" earlier application or paters published or or after the international filing date  "L' document which may throw doubts on priority claim(t) or which is cited to ocalibrate the ocalibrate of the prediction of particular relevance; the claimed invantion cannot be considered to be opticitable relevance of the content of particular relevance; the claimed situation cannot be considered to be optical to the content of particular relevance; the claimed situation cannot be considered to be optical relevance to the international filing date or priority date claimed with the optical relevance; the claimed situation cannot be considered to be optical relevance to the international filing date or priority claim of the claimed of the content of particular relevance; the claimed situation cannot be considered to be optical relevance; the claimed situation cannot be considered to be optical relevance; the claimed with consensus to seal the consensus to seal the consensus to the same particular relevance to the consensus to seal the conse					
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.  Y US 6,263,321 Bi (Daughtery, III) 17 July 2001 (17.07.2001), column 4, lines 37-46; column 19, lines 21-24.  Y US 6,321,212 Bi (Lange) 20 November 2001 (20.11.2001), column 22, lines 48-67; col 23, lines 1-40.  Y US 6,061,662 A (Makivic) 9 May 2000 (9.5.2000), column 1, lines 19-67.  1-19  US 6,061,662 A (Makivic) 9 May 2000 (9.5.2000), column 1, lines 19-67.  1-19  List focument effining the general state of the art which is not considered to be of particular relevance.  "It cause of particular relevance or priority claim() or which is cited to sendich the publication or peter published and or after the international filing date or priority claimed in which may florate on the constitution of the constitution or other means  "It consents which may florate on after the international filing date or priority claimed in worder on the constitution of a priority claimed in worder on the constitution of the constitution of the international filing date or priority date claimed  1-2 document reliminate or priority claimed in worder means  1-3 document reliminate or a more priority claimed in worder on the constitution of priority date claimed  2-4 document of particular relowance; the claimed lawvation cannot be considered to lawves an inventive step when the document is considered one) or cannot be considered or priority date date and in considered one)					
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.  Y US 6,263,321 Bi (Doughtery, III) 17 July 2001 (17.07.2001), column 4, lines 37-46; column 19, lines 21-24.  Y US 6,321,212 Bi (Lange) 20 November 2001 (20.11.2001), column 22, lines 48-67; col 23, lines 1-40.  US 6,061,662 A (Makivic) 9 May 2000 (9.5.2000), column 1, lines 19-67.  * Special categories of clied documents:  ** Special categories of clied documents:  ** Secument effining the general state of the art which is not considered to be of particular relevance or of particular relevance or particular relevance or catalather the publication due or after the international filing date or priority date contents the three special reason (a specified)  **Comment which may throw doubt cap priority claim(s) or which is clied to cratish the bubblication due of another cluston or whose repetal reason (a specified)  **Comment of particular relevance; the claimed invention cannot be considered to involve an inventive and the comment of particular relevance; the claimed invention cannot be considered to involve an inventive and the comment of particular relevance; the claimed invention cannot be considered to involve an inventive and the comment of particular relevance; the claimed invention cannot be considered to involve an inventive and the comment of particular relevance; the claimed invention cannot be considered to involve an inventive and the comment of particular relevance; the claimed invention cannot be considered to involve an inventive and the comment of particular relevance; the claimed invention cannot be considered to involve an inventive and the considered to involve an inventive and the comment of particular relevance; the claimed invention cannot be considered to involve an inventive and the comment of particular relevan					
C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category* Citation of document, with indication, where appropriate, of the relevant passages  Relevant to claim No.  Y US 6,263,321 B1 (Daughtery, III) 17 July 2001 (17.07.2001), column 4, lines 37-46; column 19, lines 21-24.  Y US 6,33,1,212 B1 (Lange) 20 November 2001 (20.11.2001), column 22, lines 48-67; col 23, lines 1-40.  Y US 6,061,662 A (Makivic) 9 May 2000 (9.5.2000), column 1, lines 19-67.  * Special categories of cited documents:  * Special categories of cited documents:  * document defining the general state of the art which is not considered to be of particular relevance, the chained investing and the publication due of specifical or or after the international filing date or priority decement with may throw donks on priority claim(s) or which is cited to enablish the publication due of specifical or other special reason (as reposition)  **O** document referring to an oral disclosure, use, exhibition or other means  **P** document published prior to the international filing date but later than the priority due claimed in priority due claimed in the continuation of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is taken after the considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a periority disc claimed  Date of the actual completion of the international search  25 September 2002 (25.09.2002)  Name and mailing address of the ISA/US  Commissioner of Peters and Trademarks  Box PCT  Washingen, D. C. 20231	Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.  Y US 6,263,321 B1 (Daughtery, III) 17 July 2001 (17.07.2001), column 4, lines 37-46; column 19, lines 21-24.  Y US 6,321,212 B1 (Lange) 20 November 2001 (20.11.2001), column 22, lines 48-67; col 23, lines 1-40.  US 6,061,662 A (Makivic) 9 May 2000 (9.5.2000), column 1, lines 19-67.  * Special categories of cited documents:  * Comment defining the general state of the art which is not considered to be of particular relevance; the claimed invention cannot be considered nowly or an inventive step value and cover cannot be considered to involve an inventive step value and coverned in the counter of particular relevance; the claimed invention cannot be considered to involve an inventive step value and the document is considered to involve an inventive step value and the document is considered with one or more chare documents, such combination being obvious to a percon skilled in the art  * Comment published prior to the international search  Date of the actual completion of the international search  25 September 2002 (25.09.2002)  Name and mailing address of the ISA/US  Commissioner of Particular and Prademarks Box PCT  Washingen, D. C. 20231	Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
Y US 6,263,321 B1 (Daughtery, III) 17 July 2001 (17.07.2001), column 4, lines 37-46; column 19, lines 21-24.  Y US 6,321,212 B1 (Lange) 20 November 2001 (20.11.2001), column 22, lines 48-67; col 23, lines 1-40.  US 6,061,662 A (Makivic) 9 May 2000 (9.5.2000), column 1, lines 19-67.  * Special categories of cited documents:  "A"  * Special categories of cited documents:  "A"  * Comment defining the general state of the art which is not considered to be of particular relevance  "B"  * earlier application or patent published on or after the international filing date or priority cate claimed invention date of another citation or which is cited to establish the publication date of another citation or which is cited to establish the publication date of another citation or which is cited to establish the publication date of another citation or other means  * Comment which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other means  * Comment which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other means  * Commission of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered with one or more changed comment being obvious to a person skilled in the art  **C* document member of the same patent family  Date of the actual completion of the international search  **E* document member of the same patent family  **C* document member of the same patent family  **Manufacture of the international search report  **September 2002 (25.09.2002)  **Name and mailing address of	C. DOCUMENTS CONSIDERED TO BE RELEVANT				
column 19, lines 21-24. Y US 6,321,212 B1 (Lange) 20 November 2001 (20.11.2001), column 22, lines 48-67; col 23, lines 1-40. US 6,061,662 A (Makivic) 9 May 2000 (9.5.2000), column 1, lines 19-67.  1-19  Further documents are listed in the continuation of Box C.  *T**  Special categories of cited documents:  *T**  *A**  *A**  *Countent which may throw doubt on priority claim() or which is cited to establish the publication due of archer claim or other special reason (as specified)  *Countent which may throw doubt on priority claim() or which is cited to establish the publication due of another claim or other special reason (as specified)  *Countent which may throw doubt on priority claim() or which is cited to establish the publication due of another claim or other special reason (as specified)  *Countent which may throw doubt on priority claim() or which is cited to establish the publication due of another claim or other special reason (as specified)  *Countent which may throw doubt on priority claim() or which is cited to establish the publication due of another claim or other special reason (as specified)  *Countent which may throw doubt on priority claim() or which is cited to establish the publication due of another claim or other special reason (as specified)  *Countent which may throw doubt on priority claim() or which is cited to establish the publication due of another claim or other special reason (as specified)  *Countent which may throw doubt on priority claim() or which is cited to establish the publication due to involve an inventive step when the document is combined with one or more chan documents, such combination being obvious to a person skilled in the art  *C**  **C**  **Countent which may throw doubt on priority claim() or which is cited to involve an inventive step when the document is combined with one or more chan documents, such combination being obvious to a person skilled in the art  **C**  **Countent which may throw doubt on priority claim() or which is cited to involve an inventive s	Category *				
Y US 6,321,212 B1 (Lange) 20 November 2001 (20.11.2001), column 22, lines 48-67; col 23, lines 1-40.  US 6,061,662 A (Makivic) 9 May 2000 (9.5.2000), column 1, lines 19-67.  * Special categories of cited documents:  * Special categories of cited documents:  *A* document defining the general state of the art which is not considered to be of particular relevance  *E* earlier application or patent published on or after the international filing date or priority date cating the publication date of another citation or other special reason (as specified)  *Countent which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other means  *P* document referring to an oral disclosure, use, exhibition or other means  *P* document referring to an oral disclosure, use, exhibition or other means  *P* document referring to an oral disclosure, use, exhibition or other means  *P* document referring to an oral disclosure, use, exhibition or other means  *P* document referring to an oral disclosure, use, exhibition or other means  *P* document referring to an oral disclosure, use, exhibition or other means  *P* document referring to an oral disclosure, use, exhibition or other means  *P* document referring to an oral disclosure, use, exhibition or other means  *P* document referring to an oral disclosure, use, exhibition or other means  *A* document member of the same patent family  *A* document member of the same pate	Y		7.07.2001), column 4, lines 37-46;	1-19	
Purther documents are listed in the continuation of Box C.  * Special categories of cited documents:  A* document defining the general state of the art which is not considered to be of particular relevance; the claimed a working and the principle or theory underlying the invention accounted to particular relevance or the considered to be of particular relevance or the considered to involve an inventive step when the document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is taken alone document referring to an oral disclosure, use, exhibition or other means of document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  25 September 2002 (25.09.2002)  Name and mailing address of the ISA/US  Commissioner of Patents and Trademarks Box PCT  Wakhington, D. C. 20231  Vincent Millin	Y	US 6,321,212 B1 (Lange) 20 November 2001 (20.11.2001), column 22, lines 48-67; col		1-19	
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier application or patent published on or after the international filing date of eatablish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  "E" document published prior to the international filing date but later than the priority date claimed  "A" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  25 September 2002 (25.09.2002)  Name and mailing address of the ISA/US  Commissioner of Patents and Trademarks Box PCT  Washington, D.C. 20231	Y	'		1-19	
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier application or patent published on or after the international filing date of eatablish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  "E" document published prior to the international filing date but later than the priority date claimed  "A" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  25 September 2002 (25.09.2002)  Name and mailing address of the ISA/US  Commissioner of Patents and Trademarks Box PCT  Washington, D.C. 20231					
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  "E" earlier application or patent published on or after the international filing date  "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)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  "E" document published prior to the international filing date but later than the priority date claimed  "E" document published on or after the international filing date but later than the priority date claimed  "E" document published prior to the international filing date but later than the priority date claimed  "E" document published prior to the international filing date but later than the priority date claimed  "E" document which may throw doubts on priority claim(s) or which is cited to enabled to enable the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  "E" document published prior to the international filing date but later than the priority date claimed  "E" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document of particular relevance; the claimed invention of the considered to involve an inventive step when the document is accumately an accumately and the principle or theory underlying th	Further	documents are listed in the continuation of Box C.	See patent family annex.		
"A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier application or patent published on or after the international filing date  "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)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  25 September 2002 (25.09.2002)  Name and mailing address of the ISA/US  Commissioner of Patents and Trademarks Box PCT  Washington, D.C. 20231  Principle or theory underlying the invention  document of particular relevance; the claimed invention cannot be considered novel or cannot be considered novel or cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  document member of the same patent family  "&"  Date of the actual completion of the international search  25 September 2002 (25.09.2002)  Name and mailing address of the ISA/US  Commissioner of Patents and Trademarks Box PCT  Washington, D.C. 20231	Opposite on other management.				
"E" earlier application or patent published on or after the international filing date  "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)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  25 September 2002 (25.09.2002)  Name and mailing address of the ISA/US  Commissioner of Patents and Trademarks Box PCT  Washington, D.C. 20231  "X"  document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone  "Y"  document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  "&"  document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  "&"  document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents is combined with one or more other such documents, such combination being obvious to a person skilled in the art  "A"  document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such as a combined with one or more other such as a combined with one or more other such as a combined with one or more other such as a combined with one or more other such as a combined with one or more other such as a combined with one or more other such as a combined with one or more other such as a combined with					
"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)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  25 September 2002 (25.09.2002)  Name and mailing address of the ISA/US  Commissioner of Patents and Trademarks  Box PCT  Washington, D.C. 20231  "Y"  document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  document member of the same patent family  Authorized officer  Vincent Millin	· ·		considered novel or cannot be consider		
"O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  25 September 2002 (25.09.2002)  Name and mailing address of the ISA/US  Commissioner of Patents and Trademarks Box PCT  Washington, D.C. 20231  Being obvious to a person skilled in the art  document member of the same patent family  Date of mailing of the international search report  Authorized officer  Vincent Millin	establish the publication date of another citation or other special reason (as		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is		
Date of the actual completion of the international search  25 September 2002 (25.09.2002)  Name and mailing address of the ISA/US  Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231  Date of mailing of the international search report  Authorized officer  Vincent Millin	"O" document referring to an oral disclosure, use, exhibition or other means				
25 September 2002 (25.09.2002)  Name and mailing address of the ISA/US  Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231  Z2MAY 2063  Authorized officer  Vincent Millin			"&" document member of the same patent f	amily	
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231  Authorized officer Vincent Millin	Date of the actual completion of the international search  Date of the international search report			ch report	
Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231					
V m 1 1 17 mon non 1110	Commissioner of Patents and Trademarks Box PCT  Vincent Millin				
		V m 1 1 17 maa aan 111a			

Form PCT/ISA/210 (second sheet) (July 1998)