

## **PATENT ADMINISTRATORS - EXAMINATION**

**18 April 2002**

**1:30pm to 1:45 pm - Reading Time**

**1:45pm to 4:45pm - Answering Time**

1. This is a three-hour Paper, but you will have an additional 15 minutes to read the paper before the start time.
2. You should attempt all questions
3. The number of marks allotted to each question is placed in brackets at the end of the question
4. Please write clearly, as it is difficult to award marks to illegible answers
5. A UK diary and list of UK bank holiday dates in 2002 and 2003 is provided, together with a note on which a European Patent Office and its branch offices are closed
6. A list of current UK Forms is also provided
7. The Paper contains 5 sheets plus Annexes A1, A2, B and C
8. Additional blank PCT/RO/101 forms for Question 1 are available from the invigilators

1. The Patent Attorney, Jan Scold, for whom you work has sent you the memorandum at Annex A1:

Please complete the PCT application form (PCT/RO/101) as requested excluding box viii and the supplementary sheets.  
(The fee sheet is not required).

**Please note that you are only provided with the relevant five sheets of PCT/RO/101**

*(7 marks)*

2. a. Assuming that the PCT application is filed today and on the basis of the information given in Question 1, what fees are due to be paid by when?

*(5 marks)*

- b. In addition to filing the application form, specification, claim, drawings and abstract and paying the fees, what other document(s) will the Receiving Office ask you to provide to support this application?

*(3 marks)*

3. Give three methods by which you can ensure that papers for the new PCT application of Question 1 can be filed at the UK Receiving Office today.

*(3 marks)*

4. You are preparing the bills for your clients in respect of the work carried out preparing the PCT application in Question 1.

The bill contains the following items:

A.	Professional time:	£1500
B.	Typing, photocopying etc:	£200
C.	PCT Fees:	£1300
D.	Other fees to UK Office	£25

On which of the items should value added tax be charged?

*(2 marks)*

5. You note in reviewing your database of UK applications, that instruction from clients had not been received in three cases. As a result actions were overdue:

Case A: A request for preliminary examination (Form 9/77) had not been filed when due on 10 April 2002.

Case B: A request for substantive examination (Form 10/77) had not been filed when due on 13 March 2002.

Case C: The renewal fee for the 8th year of a patent dated 9 February 1995 was not paid on time.

The clients today instruct you to complete the overdue actions (including payment of all necessary fees).

In addition to completing the omitted act what can you do in each case to remedy the situation. Note any relevant deadlines. *Case A: (3 marks)*  
*Case B: (5 marks)*  
*Case C: (2 marks)*

6. Jan Scold, the attorney for whom you work, has been asked to validate in the UK a European Patent granted in French and designating GB. Details are below: \*
- |   |                 |
|---|-----------------|
| Application No:                         | 97207561.9      |
| Priority date -                         | 14 October 1996 |
| Filing date -                           | 10 October 1997 |
| Rule 51(4) date -                       | 6 February 2001 |
| Rule 51 (6) date -                      | 10 August 2001  |
| Mention of Grant in Official Bulletin - | 3 April 2002    |
- a. What action is required where to validate the GB designation? *(3 marks)*
- b. What is the deadline? *(2 mark)*
7. In respect of the European Patent mentioned in Question 6:
- a. By when is the next renewal fee payable in respect of the UK designation, for which year and to whom is it payable? *(3 marks)*
- b. On what date will the patent expire assuming all renewal fees are paid? *(1 mark)*
8. The attorney for whom you work has just taken over a number of UK Patent Applications formerly handled by another firm. What should you do to ensure that you receive all future correspondence from the UK Patent Office? Is a fee payable? *(2 marks)*
9. A UK patent has been assigned to your client. You are preparing to record the assignment at the UK Patent Office.
- What can be done to register the assignment, if a copy of the assignment document itself is not to be filed at the UK Patent Office? *(2 marks)*
10. Within what period should an assignment of a UK patent be recorded on the UK patent register if the assignee is to avoid the risk of monetary loss in the event of an infringement? *(2 marks)*
11. A European patent application 02 301779.9 with 32 sheets and 11 claims explicitly designating FR, DE and GB, was filed on 2 March 2002 claiming priority from a UK application filed on 4 March 2001.
- a. What was the normal deadline for paying the application fee and search fee? *(1 mark)*

- b. If the fees in a. were not paid in time, how could you keep the application alive? (4 marks)
- c. Are any additional fees payable because of the number of (i) sheets and (ii) claims? \* (2 marks)
12. Are renewal fees payable in respect of the following? Where renewal fees are payable indicate when the first fee is due, the frequency of payment and when renewal fees cease.
- a. A pending European patent application filed direct at the EPO
- b. A pending UK patent application
- c. A UK patent granted 4 years after its application date (9 marks)
13. A European Patent Application was filed on 5 October 2001 having a priority date 12 months earlier. On filing only the minimum necessary fees were paid. The application was published with search report (the A1 publication) on 3 April 2002. The Application designated all European Patent Convention countries but the applicant now only wants patent coverage in France, Germany and the United Kingdom.
- a. What must be done next and by what date, noting what fees should be paid? (3 marks)
- b. Why did you choose the date given in the answer to a.? (3 marks)
- c. How would your answer to a. have differed if the applicant wished to retain all European Patent Convention contracting states as designations? (1 mark)
14. EPO sent the letter at Annex B:
- a. By what date should the reply have reached the EPO? (1 mark)
- b. Explain exactly why you chose that date. (2 marks)
15. You receive today the notice "Decision to Grant a European Patent" at Annex C.
- The patent specification is in English. What needs to be done next and by what date to ensure that the patent is given effect in the designated countries? (4 marks)

16. The Patent Attorney for whom you work has prepared and left you an abstract, a patent specification, formal drawings and claims ready for filing as a new UK application. The Attorney has just gone to a client meeting and will not return today. Your Client, Nagoya Electronics plc now wants the UK application filed today: the application is to claim priority from two Japanese applications, the earliest of which was filed 12 months ago today.
- a. What forms will you need to complete and file today? *(2 marks)*
  - b. What would happen if any form is filed unsigned? *(3 marks)*
  - c. What additional form will have to be filed before the application can be published? What is the deadline for filing the form? What additional information will be required from the applicant to complete the form? *(4 marks)*
  - d. What else will have to be provided by the applicant before publication of the application in order to support the priority claim and by when? *(3 marks)*
17. You have filed today (18 April 2002) a new UK Patent claiming priority from a UK application filed on 22 April 2001. What date would you put in your diary as the date for acceptance of the application? *(2 marks)*
18. A client informs you that he will not be able to provide information necessary to answer an official action in respect of a European Patent Application until mid May. A response to the action is due tomorrow and the client wants to safeguard the position. What would you do now to safeguard this position as requested *(3 marks)*
19. You have just received a filing receipt for a new PCT Application filed in English on 22 March 2002 claiming priority from a UK Application filed on 23 March 2001. The applicant intends to seek an international preliminary examination report and then subsequently enter the European regional phase.
- What would be the two key dates for you to diary to ensure that the client's requests are acted upon and the European regional phase is entered in time?  
 [Give the dates and action to be taken on or before those dates] *(4 marks)*
20. a. When is the first renewal fee payable for a design registration? *(2 marks)*
  - b. How frequently are renewal fees payable on design registrations? *(1 mark)*
  - c. What is the maximum life of a registered design (assuming renewals are paid)? *(2 marks)*

ANNEX A1

Jan Scold  
Patent Attorney  
Staple Inn Building  
High Holborn  
London WC1V 7PZ

Tel: 020 7405 9450  
Fax: 020 7430 0471  
E-mail: mail@janscold.com

16 April 2002

To: The Candidate

**PROPOSED PCT APPLICATION REF JC1604PCT**  
**CLAIMING PRIORITY FROM**  
**UK PATENT APPLICATIONS 0101234.5 FILED 18 APRIL 2001 (REF JC1604)**  
**AND 0116170.9 FILED 10 SEPTEMBER 2001 (REF JC1604.A)**

Unfortunately the late instruction from our client leaves no alternative but to prepare and file the PCT application today. All the key information, including the applicant and the priority claims is on the attached index sheet (Annex A2). The client has approved the PCT text and wants to proceed immediately with an application designating EP (European Patent Office), JP(Japan), US (USA) and KR (South Korea).

My late instructions leave me with no choice but to ask you to prepare the PCT Application Form for my signature for filing at the UK Receiving Office today.

**PLEASE DO NOT COMPLETE BOX VIII OF THE PCT APPLICATION FORM**

J SCOLD

## ANNEX A2

### Data Sheet for Question 1

1. Proposed Applicant (where possible)      Agricultural Tools Limited  
Muddy House  
Cambridge Road  
Newmarket  
Cambridgeshire  
CB12 3NX

A British company registration no: 2076016

2. Applicant for UK Application 0101234.5 and 0116170.9 was also Agricultural Tools Limited.

3. Proposed Title:      Automatic Seeder

4. Inventor:      James Gilmour  
9 Palmerston Road  
Ely  
Cambridgeshire  
CB16 7JA

A British Subject

5. Specification:      30 sheets  
Claims:      2 sheets  
Abstract:      1 sheet  
Drawings:      2 sheets

**FORM    TITLE/SUBJECT**

NP1	Entry to GB National Phase of PCT
1/77	Request for grant of a patent (Application Form)
2/77	Miscellaneous requests for exercise of jurisdiction
7/77	Statement of inventorship and right to grant of patent
8/77	Authorising release of micro-organism
8A/77	Notifying intention to restrict availability of micro-organism samples
9/77	Search and preliminary examination request
10/77	Request for substantive examination
11/77	Request for amendment before or after grant and correction of error or mistake
12/77	Renewal fee and/or fee for late payment of renewal
15/77	Various oppositions
16/77	Application to restore a patent
20/77	Request to alter a name on a Patent Application
21/77	To register or give notice of rights acquired in a Patent Application
23/77	Request for certificate or certified copy from a file    OR Request for an uncertified copy from a file
28/77	Notification of availability of licence of right
30/77	Cancellation of an entry under Section 47(1)
49/77	Caveat
51/77	Appointment or change of agent
52/77	Request for extension of time under Rule 110
53/77	Additional fee on extension time under Rule 110(6) or on restoration
54/77	Filing translation of European Patent (UK) etc.
58/77	On declaration that licences of right do not extend to excepted uses

---

**European Patent Office**

D-80298

Munich

\*

---

Jan Scold  
European Patent Attorney  
Staple Inn Building  
High Holborn  
London WC1V 7PZ

<b>Application No/Patent No.</b> 99 302243.2-2306	<b>Ref.</b> JC1066EP	<b>Date:</b> 19.10.01
<b>Applicant/Proprietor:</b> AGRICULTURAL TOOLS LIMITED		

**COMMUNICATION PURSUANT TO ARTICLE 96(2) AND RULE 51(2) EPC**

The /further/ examination of the above-identified application has revealed that it does not meet the requirements of the European Patent Convention for the reasons enclosed herewith. If the deficiencies indicated are not rectified the application may be refused pursuant to Article 97(1) EPC.

You are invited to file your observations and insofar as the deficiencies are such as to be rectifiable to correct the indicated deficiencies within a period

of  4  months

from the notification of this communication, this period being computed in accordance with Rules 78(3) and 83(2) and (4) EPC.

Amendments to the description, claims and drawings are to be filed where appropriate within the said period in three copies on separate sheets (Rule 36(1) EPC)

**Failure to comply with this invitation in due time will result in the application being deemed to be withdrawn (Article 96(3) EPC).**

M A K Hay  
Primary Examiner  
for the Examining Division

**NOTE TO CANDIDATES: ENCLOSURE OMITTED**

---

**European Patent Office**

D-80298

Munich

---

Jan Scold  
European Patent Attorney  
Staple Inn Building  
High Holborn  
London WC1V 7PZ  
GRANDE BRETAGNE

<b>Date:</b>
--------------

10/04/02

<b>Reference:</b> JC 0218 EP	<b>Application No/Patent No:</b> 99305711.5 2215 0981667
<b>Applicant:</b> AGRICULTURAL TOOLS LIMITED	

**DECISION TO GRANT A EUROPEAN PATENT PURSUANT TO ARTICLE 97(2) EPC**

Following examination of European patent application No. 99305711.5 a European patent with the title and the supporting documents indicated in the communication pursuant to Rule 51(4) EPC dated 12.07.01 is hereby granted in respect of the designated Contracting States. Any modifications which were subsequently requested have been approved by the Examining Division. Any corrections requested by the applicant after receipt of the communication under Rule 51(6) and received at the EPO on 00.00.00 have been taken into account.

Patent No. : 0981667  
Date of filing : 12.08.99  
Priority claimed : 13.08.98 GB 9812167.8  
Designated Contracting States  
and Proprietors(s) : DE-FR-SE  
Agricultural Tools Limited  
Cambridge Road  
Newmarket  
Cambridgeshire CB12 3NX/GB

This decision will take effect on the date on which the European Patent Bulletin mentions the grant (Art. 97(4) and (5) EPC).

The mention of the grant will be published in European Patent Bulletin 02/16 of 16.05.02

Examining Division  
WEBER V G E

La GIOIA C

JOHANSSON U C

## INFORMATION FROM THE EUROPEAN PATENT OFFICE

Notice from the President of the European Patent Office concerning the days on which EPO offices are closed in 2002

1. Under Rule 85(1) EPC time limits expiring on a day on which at least **one** of the filing offices of the EPO is not open for receipt of documents (closing days) are extended until the first day thereafter on which **all** the filing offices are open for receipt of documents and on which ordinary mail is delivered.
2. The EPO's filing offices in Munich, the Hague and Berlin will be closed for the receipt of documents on every Saturday and Sunday. The other closing days in 2002 are listed below:

### EUROPEAN PATENT OFFICE - CLOSED DAYS 2002

New Year	1 January
Good Friday	29 March
Easter Monday	1 April
National Holiday	30 April (Den Haag only)
May Day	1 May
Ascension Day	9 May
Whit Monday	20 May
Corpus Christi	30 May (only Munich)
Assumption Day	15 August (only Munich)
Holiday	3 October (Berlin and Munich)
All Saints Day	1 November (only Munich)
Christmas Eve	24 December
Christmas Day	25 December
Boxing Day	26 December
New Year's Eve	31 December
All Saturdays and Sundays	

**DIARY 2002**

JANUARY						
M	T	W	Th	F	Sa	Su
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY						
M	T	W	Th	F	Sa	Su
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

MARCH						
M	T	W	Th	F	Sa	Su
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

APRIL						
M	T	W	Th	F	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

MAY						
M	T	W	Th	F	Sa	Su
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

JUNE						
M	T	W	Th	F	Sa	Su
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JULY						
M	T	W	Th	F	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST						
M	T	W	Th	F	Sa	Su
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

SEPT						
M	T	W	Th	F	Sa	Su
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

OCT						
M	T	W	Th	F	Sa	Su
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOV						
M	T	W	Th	F	Sa	Su
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

DEC						
M	T	W	Th	F	Sa	Su
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

**Bank Holidays and Public Holidays in England and Wales 2002**

January 1  
 March 29  
 April 1

May 6  
 June 3  
 June 4

August 26  
 December 25  
 December 26

**DIARY 2003**

JANUARY						
M	T	W	Th	F	Sa	Su
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY						
M	T	W	Th	F	Sa	Su
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

MARCH						
M	T	W	Th	F	Sa	Su
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

APRIL						
M	T	W	Th	F	Sa	Su
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MAY						
M	T	W	Th	F	Sa	Su
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE						
M	T	W	Th	F	Sa	Su
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

JULY						
M	T	W	Th	F	Sa	Su
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST						
M	T	W	Th	F	Sa	Su
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPT						
M	T	W	Th	F	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

OCT						
M	T	W	Th	F	Sa	Su
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

NOV						
M	T	W	Th	F	Sa	Su
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

DEC						
M	T	W	Th	F	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

**Bank Holidays and Public Holidays in England and Wales 2001**

January 1  
 April 18  
 April 21

May 5  
 May 26  
 August 27

December 25  
 December 26

# PCT

## REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference  
(if desired) (12 characters maximum)

<b>Box No. I TITLE OF INVENTION</b>	
<b>Box No. II APPLICANT</b> <input type="checkbox"/> This person is also inventor	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	Telephone No. <b>LEAVE BLANK</b>
	Facsimile No. <b>LEAVE BLANK</b>
	Teleprinter No. <b>LEAVE BLANK</b>
	Applicant's registration No. with the Office <b>LEAVE BLANK</b>
State (that is, country) of nationality:	State (that is, country) of residence:
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
<b>Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)</b>	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is: <input type="checkbox"/> applicant only <input type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only (If this check-box is marked, do not fill in below.)
	Applicant's registration No. with the Office
	State (that is, country) of nationality:
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
<input type="checkbox"/> Further applicants and/or (further) inventors are indicated on a continuation sheet.	
<b>Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE</b>	
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: <input type="checkbox"/> agent <input type="checkbox"/> common representative	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)	Telephone No.
	Facsimile No.
	Teleprinter No.
	Agent's registration No. with the Office
<input type="checkbox"/> <b>Address for correspondence:</b> Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.	

<b>Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)</b>	
<i>If none of the following sub-boxes is used, this sheet should not be included in the request.</i>	
Name and address: <i>(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</i>	This person is: <input type="checkbox"/> applicant only <input type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only <i>(If this check-box is marked, do not fill in below.)</i>
Applicant's registration No. with the Office	
State <i>(that is, country)</i> of nationality:	State <i>(that is, country)</i> of residence:
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
Name and address: <i>(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</i>	This person is: <input type="checkbox"/> applicant only <input type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only <i>(If this check-box is marked, do not fill in below.)</i>
Applicant's registration No. with the Office	
State <i>(that is, country)</i> of nationality:	State <i>(that is, country)</i> of residence:
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
Name and address: <i>(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</i>	This person is: <input type="checkbox"/> applicant only <input type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only <i>(If this check-box is marked, do not fill in below.)</i>
Applicant's registration No. with the Office	
State <i>(that is, country)</i> of nationality:	State <i>(that is, country)</i> of residence:
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
Name and address: <i>(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</i>	This person is: <input type="checkbox"/> applicant only <input type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only <i>(If this check-box is marked, do not fill in below.)</i>
Applicant's registration No. with the Office	
State <i>(that is, country)</i> of nationality:	State <i>(that is, country)</i> of residence:
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
<input type="checkbox"/> Further applicants and/or (further) inventors are indicated on another continuation sheet.	

**Box No.V DESIGNATION OF STATES**

Mark the applicable check-boxes below; at least one must be marked.

The following designations are hereby made under Rule 4.9(a):

**Regional Patent**

- AP ARIPO Patent:** GI Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT
- EA Eurasian Patent:** AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- EP European Patent:** AT Austria, BE Belgium, CH & LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT
- OA OAPI Patent:** BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line) .....

**National Patent** (if other kind of protection or treatment desired, specify on dotted line):

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> AE United Arab Emirates                     | <input type="checkbox"/> GE Georgia .....                                   | <input type="checkbox"/> MW Malawi .....                      |
| <input type="checkbox"/> AG Antigua and Barbuda                      | <input type="checkbox"/> GH Ghana .....                                     | <input type="checkbox"/> MX Mexico .....                      |
| <input type="checkbox"/> AL Albania .....                            | <input type="checkbox"/> GM Gambia .....                                    | <input type="checkbox"/> MZ Mozambique .....                  |
| <input type="checkbox"/> AM Armenia .....                            | <input type="checkbox"/> HR Croatia .....                                   | <input type="checkbox"/> NO Norway .....                      |
| <input type="checkbox"/> AT Austria .....                            | <input type="checkbox"/> HU Hungary .....                                   | <input type="checkbox"/> NZ New Zealand .....                 |
| <input type="checkbox"/> AU Australia .....                          | <input type="checkbox"/> ID Indonesia .....                                 | <input type="checkbox"/> PL Poland .....                      |
| <input type="checkbox"/> AZ Azerbaijan .....                         | <input type="checkbox"/> IL Israel .....                                    | <input type="checkbox"/> PT Portugal .....                    |
| <input type="checkbox"/> BA Bosnia and Herzegovina .....             | <input type="checkbox"/> IN India .....                                     | <input type="checkbox"/> RO Romania .....                     |
| .....  | <input type="checkbox"/> IS Iceland .....                                   | <input type="checkbox"/> RU Russian Federation .....          |
| <input type="checkbox"/> BB Barbados .....                           | <input type="checkbox"/> JP Japan .....                                     | .....   |
| <input type="checkbox"/> BG Bulgaria .....                           | <input type="checkbox"/> KE Kenya .....                                     | <input type="checkbox"/> SD Sudan .....                       |
| <input type="checkbox"/> BR Brazil .....                             | <input type="checkbox"/> KG Kyrgyzstan .....                                | <input type="checkbox"/> SE Sweden .....                      |
| <input type="checkbox"/> BY Belarus .....                            | <input type="checkbox"/> KP Democratic People's Republic of Korea .....     | <input type="checkbox"/> SG Singapore .....                   |
| <input type="checkbox"/> BZ Belize .....                             | .....   | <input type="checkbox"/> SI Slovenia .....                    |
| <input type="checkbox"/> CA Canada .....                             | <input type="checkbox"/> KR Republic of Korea .....                         | <input type="checkbox"/> SK Slovakia .....                    |
| <input type="checkbox"/> CH & LI Switzerland and Liechtenstein ..... | <input type="checkbox"/> KZ Kazakhstan .....                                | <input type="checkbox"/> SL Sierra Leone .....                |
| <input type="checkbox"/> CN China .....                              | <input type="checkbox"/> LC Saint Lucia .....                               | <input type="checkbox"/> TJ Tajikistan .....                  |
| <input type="checkbox"/> CO Colombia .....                           | <input type="checkbox"/> LK Sri Lanka .....                                 | <input type="checkbox"/> TM Turkmenistan .....                |
| <input type="checkbox"/> CR Costa Rica .....                         | <input type="checkbox"/> LR Liberia .....                                   | <input type="checkbox"/> TR Turkey .....                      |
| <input type="checkbox"/> CU Cuba .....                               | <input type="checkbox"/> LS Lesotho .....                                   | <input type="checkbox"/> TT Trinidad and Tobago .....         |
| <input type="checkbox"/> CZ Czech Republic .....                     | <input type="checkbox"/> LT Lithuania .....                                 | .....   |
| <input type="checkbox"/> DE Germany .....                            | <input type="checkbox"/> LU Luxembourg .....                                | <input type="checkbox"/> TZ United Republic of Tanzania ..... |
| <input type="checkbox"/> DK Denmark .....                            | <input type="checkbox"/> LV Latvia .....                                    | <input type="checkbox"/> UA Ukraine .....                     |
| <input type="checkbox"/> DM Dominica .....                           | <input type="checkbox"/> MA Morocco .....                                   | <input type="checkbox"/> UG Uganda .....                      |
| <input type="checkbox"/> DZ Algeria .....                            | <input type="checkbox"/> MD Republic of Moldova .....                       | <input type="checkbox"/> US United States of America .....    |
| <input type="checkbox"/> EE Estonia .....                            | .....   | <input type="checkbox"/> UZ Uzbekistan .....                  |
| <input type="checkbox"/> ES Spain .....                              | <input type="checkbox"/> MG Madagascar .....                                | <input type="checkbox"/> VN Viet Nam .....                    |
| <input type="checkbox"/> FI Finland .....                            | <input type="checkbox"/> MK The former Yugoslav Republic of Macedonia ..... | <input type="checkbox"/> YU Yugoslavia .....                  |
| <input type="checkbox"/> GB United Kingdom .....                     | <input type="checkbox"/> MN Mongolia .....                                  | <input type="checkbox"/> ZA South Africa .....                |
| <input type="checkbox"/> GD Grenada .....                            | .....   | <input type="checkbox"/> ZW Zimbabwe .....                    |

Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:

- |                                |                                |                                |
|--------------------------------|--------------------------------|--------------------------------|
| <input type="checkbox"/> ..... | <input type="checkbox"/> ..... | <input type="checkbox"/> ..... |
| <input type="checkbox"/> ..... | <input type="checkbox"/> ..... | <input type="checkbox"/> ..... |

**Precautionary Designation Statement:** In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

<b>Box No. VI PRIORITY CLAIM</b>				
The priority of the following earlier application(s) is hereby claimed:				
Filing date of earlier application <i>(day/month/year)</i>	Number of earlier application	Where earlier application is:		
		national application: country	regional application: * regional Office	international application: receiving Office
item (1)				
item (2)				
item (3)				
item (4)				
item (5)				
<input type="checkbox"/> Further priority claims are indicated in the Supplemental Box.				
The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) <i>(only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office)</i> identified above as:				
<input type="checkbox"/> all items <input type="checkbox"/> item (1) <input type="checkbox"/> item (2) <input type="checkbox"/> item (3) <input type="checkbox"/> item (4) <input type="checkbox"/> item (5) <input type="checkbox"/> other, see Supplemental Box				
<i>* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)): . . . .</i>				
<b>Box No. VII INTERNATIONAL SEARCHING AUTHORITY</b>				
<b>Choice of International Searching Authority (ISA)</b> <i>(if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):</i>				
ISA / .....				
<b>Request to use results of earlier search; reference to that search</b> <i>(if an earlier search has been carried out by or requested from the International Searching Authority):</i>				
Date <i>(day/month/year)</i>	Number	Country <i>(or regional Office)</i>		
<b>Box No. VIII DECLARATIONS</b>				
The following declarations are contained in Boxes Nos. VIII (i) to (v) <i>(mark the applicable check-boxes below and indicate in the right column the number of each type of declaration)</i>				Number of declarations
<input type="checkbox"/>	Box No. VIII (i)	Declaration as to the identity of the inventor	:	LEAVE
<input type="checkbox"/>	Box No. VIII (ii)	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	:	BLANK
<input type="checkbox"/>	Box No. VIII (iii)	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	:	LEAVE
<input type="checkbox"/>	Box No. VIII (iv)	Declaration of inventorship <i>(only for the purposes of the designation of the United States of America)</i>	:	BLANK
<input type="checkbox"/>	Box No. VIII (v)	Declaration as to non-judicial disclosures or exceptions to lack of novelty	:	LEAVE

NOT PART OF A QUESTIONNAIRE

<b>Box No. IX CHECK LIST; LANGUAGE OF FILING</b>		
<p>This international application contains:</p> <p>(a) the following number of sheets in paper form:</p> <p>request (including declaration sheets) : _____</p> <p>description (excluding sequence listing part) : _____</p> <p>claims : _____</p> <p>abstract : _____</p> <p>drawings : _____</p> <p><b>Sub-total number of sheets</b> : _____</p> <p>sequence listing part of description (<i>actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (b) below</i>) : _____</p> <p><b>Total number of sheets</b> : _____</p> <p>(b) sequence listing part of description filed in computer readable form</p> <p>(i) <input type="checkbox"/> only (under Section 801(a)(i))</p> <p>(ii) <input type="checkbox"/> in addition to being filed in paper form (under Section 801(a)(ii))</p> <p><b>Type and number of carriers</b> (diskette, CD-ROM, CD-R or other) on which the sequence listing part is contained (<i>additional copies to be indicated under item 9(ii), in right column</i>): _____</p>	<p>This international application is <b>accompanied</b> by the following item(s) (<i>mark the applicable check-boxes below and indicate in right column the number of each item</i>):</p> <p>1. <input type="checkbox"/> fee calculation sheet : _____</p> <p>2. <input type="checkbox"/> original separate power of attorney * : _____</p> <p>3. <input type="checkbox"/> original general power of attorney : _____</p> <p>4. <input type="checkbox"/> copy of general power of attorney; reference number, if any: _____</p> <p>5. <input type="checkbox"/> statement explaining lack of signature : _____</p> <p>6. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s): _____</p> <p>7. <input type="checkbox"/> translation of international application into (<i>language</i>): _____</p> <p>8. <input type="checkbox"/> separate indications concerning deposited microorganism or other biological material : _____</p> <p>9. <input type="checkbox"/> sequence listing in computer readable form (indicate also type and number of carriers (diskette, CD-ROM, CD-R or other))</p> <p style="padding-left: 20px;">(i) <input type="checkbox"/> copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application) : _____</p> <p style="padding-left: 20px;">(ii) <input type="checkbox"/> (<i>only where check-box (b)(i) or (b)(ii) is marked in left column</i>) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter : _____</p> <p style="padding-left: 20px;">(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the sequence listing part mentioned in left column : _____</p> <p>10. <input type="checkbox"/> other (<i>specify</i>): _____</p>	<p>Number of items</p>
<p><b>Figure of the drawings</b> which should accompany the abstract: _____</p>	<p><b>Language of filing</b> of the international application: _____</p>	
<p><b>Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE</b></p> <p><i>Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).</i></p>          		

For receiving Office use only	
<p>1. Date of actual receipt of the purported international application: _____</p>	<p>2. Drawings:</p> <p><input type="checkbox"/> received:</p>  <p><input type="checkbox"/> not received:</p>
<p>3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: _____</p>	
<p>4. Date of timely receipt of the required corrections under PCT Article 11(2): _____</p>	
<p>5. International Searching Authority (if two or more are competent): <b>ISA /</b> _____</p>	<p>6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid</p>

For International Bureau use only
<p>Date of receipt of the record copy by the International Bureau: _____</p>