

From the INTERNATIONAL BUREAU

**PCT**NOTIFICATION OF DEFECTS IN  
THE INTERNATIONAL APPLICATION

(PCT Articles 3(4)(i) and 14(1) and Rule 28.1)

To:

United Kingdom Intellectual Property Office  
International Filings Unit  
Cardiff Road  
Newport NP10 8QQ  
South Wales  
ROYAUME-UNI

in its capacity as receiving Office

Date of mailing ( <i>day/month/year</i> ) 17 December 2019 (17.12.2019)	International filing date ( <i>day/month/year</i> ) 26 November 2019 (26.11.2019)
International application No. PCT/GB2019/053335	
Applicant IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE	

1.  The International Bureau hereby calls the attention of the receiving Office to the defects **in the international application as filed**, which are specified on the attached:
- Annex A
  - Annex B1 (*text matter of the international application as filed*)
  - Annex C1 (*drawings of the international application as filed*)
2.  The International Bureau hereby calls the attention of the receiving Office to the defects **in the translation of the international application** furnished under Rule 12.3 or 12.4, which are specified on the attached:
- Annex A
  - Annex B2 (*text matter of the translation of the international application*)
  - Annex C2 (*drawings of the translation of the international application*)

Additional observations (*if necessary*):

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  Carrié Christine e-mail pct.team4@wipo.int Telephone No. +41 22 338 74 04
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**The International Bureau has found the following defects in the international application as filed:**

1. As to **signature** of the international application (Rules 4.15, 26.2*bis*(a) and 90.4), the request:
- is not signed by the applicant or, if there is more than one applicant, by at least one of them\*
  - is signed by what appears to be an agent/common representative, but the international application is not accompanied by a power of attorney signed by at least one of the applicants\*
  - other (*specify*):

\* The applicant's attention is drawn to the fact that the national law applied by each designated Office may require, in connection with the processing of the international application in the national phase, that the applicant furnish the confirmation of the international application by the signature of any applicant for the designated State who has not signed the request (Rule 51*bis*.1(a)(vi)).

2. As to the indication concerning the **applicant**\* who is entitled, according to Rule 19.1, to file the international application with the receiving Office, the request (Rules 4.4, 4.5 and 26.2*bis*(b)):
- does not properly indicate the applicant's name (*specify*):
  - does not indicate the applicant's address
  - does not properly indicate the applicant's address (*specify*):  
The country is missing
  - does not indicate the applicant's nationality
  - does not indicate the applicant's residence
  - further observations about indications concerning other applicants (if applicable):

\* Although Rules 4.4 and 4.5 require indications concerning the applicant, or if there are several applicants, of each of them, for the purposes of Article 14(1)(a)(ii), if there is more than one applicant, it shall be sufficient that the indications required under Rule 4.5(a)(ii) and (iii) be provided in respect of one of them who is entitled according to Rule 19.1 to file the international application with the receiving Office (Rule 26.2*bis*(b)).

However, the applicant's attention is drawn to the fact that the national law applied by each designated Office may require, in connection with the processing of the international application in the national phase, that the applicant furnish any missing indication required under Rule 4.5(a)(ii) and (iii) in respect of any applicant for the designated State (Rule 51*bis*.1(a)(vii)).

3. As to the **language** of certain elements of the international application, other than the description and claims (Rules 12.1(c) and 26.3*ter*(a) and (c)):
- the **request** is not in a language of publication accepted by this receiving Office; (the) language(s) accepted by this receiving Office is/are:
  - the **text matter of the drawings** is not in the language in which the international application is to be published, which is:
  - the **abstract** is not in the language in which the international application is to be published, which is:

4. The **title** of the invention:
- is not indicated in Box No. I of the request (Rule 4.1(a))
  - is not indicated at the top of the first sheet of the description (Rule 5.1(a))
  - as appearing in Box No. I of the request is not identical with the title heading the description (Rule 5.1(a))