



POLITÉCNICA

QUESTIONNAIRE OF INVENTION

In order to apply for a patent, the UPM requests inventors to fill out this questionnaire. The objective of this questionnaire is to help the University's technology transfer office's (OTRI) staff to understand the invention, determine its patentability, commercial potential and, eventually, to facilitate its exploitation through the different mechanisms available at the OTRI. Once filled and signed, this questionnaire will be considered a confidential document and it will only be managed by the OTRI staff. It must be carefully filled, answering all the questions and providing all the information requested. Thanks.

1. INFORMATION ABOUT THE INVENTORS

NAME:	
NAME OF RESEARCH GROUP:	
DEPARTMENT:	
CENTRE:	
POSITION:	
ADDRESS:	
PHONE:	E-MAIL:

2. TITLE OF THE INVENTION

(It is strongly recommended to provide a short title, self-descriptive to identify the scope of the invention. It must not disclose the novelty. Between 4-8 words is recommended.)



POLITÉCNICA

3. BACKGROUND OF THE INVENTION

- 3.1. What is the background of the invention? *(Please, explain when and how the invention arose)*

- 3.2. Is the invention the result of an R&D activity carried out within the framework of a contract? *(If so, please attach a copy of the contract.)*

- 3.3. Has the invention been funded by external sources? *If so, please identify the financial supporter.*

- 3.4. Provide an estimation of the total costs invested (in terms of time and money) for the development of the invention.
If possible, please break down the budget into items as: personal costs, material, travel, etc.

- 3.5. Has the invention been previously disclosed? *If so, please provide detailed information about disclosure.*
(Meetings with third parties, PhD, conferences, articles, papers, courses, about the invention)

- 3.6. Do you envisage publishing or presenting the invention? If so, please provide detailed information about disclosure.
(Meetings with third parties, PhD, conferences, articles, papers, courses, about the invention)



POLITÉCNICA

4. INFORMATION ABOUT THE INVENTION

- 4.1. Please, describe the invention in such a way that a *non-expert* can understand it.
(Please, provide the main technical features of the invention, its objective and utility, how it works and how it is manufactured or is carried out.)
- 4.2. Why do you consider that the invention is NEW? What technical problem does the invention solve?
(The answer to this question is a key factor in order to determine whether or not the invention is patentable)
- 4.3. What products, systems, and methods within the state of the art the invention replaces? What technical features make the invention different from the state of the art?
(Please, analyze the state of the art describing traditional technical solutions and the commercial offers of similar technologies. Provide references about databases and other sources. Cite at least three patents related to the invention. Explain the advantages and improvements of the invention in relation to the state of the art)
- 4.4. What development phase of the invention is already reached?
- Conceptual
 - Laboratory
 - Prototype
 - Pilot plant testing
 - Industrial
- Please explain, being realistic, which steps must be followed in order to complete the invention and place it on the market. Please, estimate the industrialization costs.*
- 4.5. How do you foresee the development of the invention?
(Please, explain the future features you would like to add to the invention and the time you estimate those features will be reached. Please explain whether there is failure risk)
- 4.6. Please provide keywords related to the invention.
(Spanish and English)



POLITÉCNICA

5. EXPLOITATION AND COMMERCIALIZATION OF THE INVENTION

5.1. In your opinion, will the invention have commercial success?

- YES
 NO

If so, please indicate the competitive advantages that the invention would involve for companies incorporating it (costs reduction, size reduction, better functionalities, etc.) Explain the reasons why companies should be interested in signing a licence agreement.

5.2. The foreseen market for the invention is:

- National only
 International:
 Europe Japan
 USA Others:

(Please describe the general characteristics of the market, its size, its growth rate)

5.3. Please, describe the industrial sector/s of the potential clients for the invention

Please, take into account both, traditionally known sectors and new sectors. Please, consider also if there are companies in these sectors with enough capacities (in terms of technology and size) for incorporating the invention to their processes.

5.4. Did you sign any contract with a third party for exploiting the invention?

If so, please provide detailed information about the contract.

5.5. Have you contacted any company so far?

(If so, please indicate the company names, way of contact, contact person, etc. Explain also the results of said contacts.)

5.6. Can you name any other company that you think could be interested in the invention?

(Please, provide specific references)

5.7. Please, provide an estimation of the possible incomes as a result of licensing the patent, in relation to the R&D costs provided in question 3.4



POLITÉCNICA

Do you need the patent to be filed before a specific date? Why? (PhD. reading, paper publication, etc.) Please, specify the date

Signed:

Date: