PROCEDURE FOR FILING A PATENT UP TO THE PROCESS OF OBTAINING A PATENT (Ex. : The Title Of The Invention PROPEDER "Fire Fighting Robot Prototype"

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Abstract

Actually the procedure for making and managing patents is not as complicated or expensive as imagined, indeed to be granted it takes a long time because of various considerations such as checking whether in other countries there have been similar patents or not, and various other technical reasons. Proposals for filing patents include the title of invention, background of invention, brief description of intellectual work found and technical drawings. Technical drawings accompanied by a brief description. Then equipped with abstracts and claims. This circuit is then called the preparation of patent specifications.

Patent specifications as a minimum requirement that must be included. The three conditions must be met to obtain a filing date, among which are fulfilling patent specifications, application forms and registration fees. As for other requirements as a formality, where this condition can be completed for three months after receiving the date of receipt. If the terms of the above points are complete, the inventor is just waiting for the results from DJHKI. Announcement will be published publicly after 18 months from the results of the submission. Patent applicants while waiting for the announcement are published in the official news on patents and official media. The goal is to find out about patented intellectual property rights. If the community or outside inventors object because they are deemed not to be eligible for patenting, they can submit in writing to DJHKI.

Especially for rejected inventors, it is permissible to appeal to the Patent Appeal Commission. Example Of The Simple Patent-A Official News with the Title of Invention: PROPEDER "Fire Fighting Robot Prototype"

Keywords : Patent, DJHKI, PROPEDER.

A. INTRODUCTION

How to apply for a patent :

1. Submit an application to the office of the Directorate General of Intellectual Property (DJKI) in writing in Indonesian by filling in the application form provided and typed in duplicate 2.
2. Applicants must attach:
 - a. special power of attorney, if the application is submitted through a HKI consultant registered as a proxy;
 - b. letter of transfer of rights, if the application is submitted by another party that is not inventor;
 - c. the description of the Patent application is made in duplicate and includes:
 - a) the title of the invention, made in capital letters and not underlined;
 - b) the field of invention engineering, contains generally where the invention is included in the field of engineering by expressing its specificity;
 - c) the background of the invention, prior technology must be stated and relevant to the invention;
 - d) summary of the invention, contains technical characteristics of the subject matter of the invention disclosed in the claim;
 - e) a brief description of the image (if a picture is included), contains a brief description of the image;
 - f) a complete description of the invention, is a complete disclosure of inventions, there must be no left behind or not disclosed;
 - g) claims (made on separate pages), contain the subject matter of the invention and may not contain images or graphics but can contain tables of mathematical formulas or chemical reactions;
 - h) abstract (made on a separate page), containing a summary of the full description of the invention and no more than 200 words.
 - picture, if any is made in duplicate 2: only contains

- signs, symbols, letters, numbers, charts, or diagrams that explain parts of the invention, but there must be no explanatory words;
- proof of original priority, and translation of front pages in Indonesian in duplicate 2, if submitted with priority rights;
 - translation of the description of the invention in English, if the invention is originally in a foreign language other than English;
 - proof of payment for Patent application fees;
3. Writing descriptions, claims, abstracts and images as referred to in item 2 letters c and d are determined as follows:
 4. each sheet of paper is only one of its faces which may be used for writing and drawing;
 5. descriptions, claims and abstracts are typed in HVS paper or similar and separate, A4 size, minimum weight 80 grams with the following limits:
 - a. upper limit: 2 cm
 - b. lower limit: 2 cm
 - c. left border: 2.5 cm
 - d. right border: 2 cm
 6. the A4 paper must be white, flat, not glossy and its use is done by placing the short side at the top and bottom (unless used for pictures);
 7. each description sheet, claims and drawings are numbered in Arabic numerals in the upper middle part and not in the limit as referred to in item 3 letter b (1);
 8. in each of the five lines typing the description and claims, it must be given a line number and each new page is the beginning (beginning) of the number and placed to the left of the description or claim and not to the limit as referred to in item 3 letter b (3);
 9. typing must be done using black ink (toner), with a spacing of 1.5

and upright letters with a minimum letter height of 0.21 cm;

10. signs with lines, chemical formulas, and certain signs can be written by hand;

11. The image must use black Chinese ink on A4-size white drawing paper with a minimum weight of 100 grams that is not glossy with the following limits:

- a. upper limit: 2.5 cm
- b. lower limit: 1 cm
- c. left border: 2.5 cm
- d. right border: 1.5 cm

12. all submitted Patent documents must be in full sheets of paper, may not be torn, folded, damaged or affixed images;

13. each term used in descriptions, claims, abstracts and images must be consistent with each other.

Patent specifications as a minimum requirement that must be included. The three conditions must be met to obtain a filing date, among which are fulfilling patent specifications,

application forms and registration fees.

As for other requirements as a formality, where these conditions can be completed for three months after receiving the date of receipt. Terms of application that need to be prepared :

1. Declaration of rights
2. Rights transfer
3. Power of attorney
4. Photocopy of the applicant's KTP / identigas
5. Photocopy of Deed of establishment of legalized legal entity
6. Photocopy of NPWP for legal entities
7. Photocopy of ID card on behalf of the legal entity applicant to sign a statement and power of attorney.

After that the application file will go through several stages which can take months, i.e.

1. Administrative check
2. Announcement of patent application

3. Substantive examination

4. Giving or rejection

If the above points are complete, the inventor is just waiting for the results from the DJHKI. Announcement will be published publicly after 18 months from the results of the submission. Patent applicants while waiting for the announcement are published in the official news on patents and official media. The goal is to find out about patented intellectual property rights. If the community or outside inventors object because they are deemed not to be eligible for patenting, they can submit in writing to DJHKI.

Especially for rejected inventors, it is permissible to appeal to the Patent Appeal Commission. Later, it will continue to the Commercial Court and appeal to the Supreme Court. If the inventor submission of patent rights is still rejected, then the results of intellectual property rights will become a public domain. Whereas for those who obtain a patent, they will obtain a patent certificate from DJHKI.

EXAMPLE OF THE SIMPLE PATENT-A OFFICIAL NEWS :

Title of Invention: PROPEDER "Fire Fighting Robot Prototype"

Abstract:

This study aims to develop unmanned aircraft technology in the interest of internal fire suppression

realizing forest resilience in Indonesia. One of the main problems that often occurs in Indonesia is fire

Forest. Forest fires not only affect public health. But it also affects

national economic and social community. During this time the Fire Department was in the process of dealing with it

forest and land fires using land and air lines, land routes such as fire engines are less effective

due to the location of forest fires and extensive land so that it is not reached by fire trucks and if through

air lines use airplanes and helicopters must require skilled pilots to operate them and fuel

which is not small, it requires a lot of money.

The method that will be used for this problem is that the platform makes a prototype unmanned aircraft

with a spreader system using chemicals in the form of dry chemical powder as a fire extinguisher

on unmanned aircraft. The prototype of a fire fighting robot in the form of an unmanned aircraft is also equipped with

manual and autopilot control systems. In manual mode, the user manually controls the movement of the aircraft through

radio control while in the autopilot mode the aircraft is controlled by a Flight controller in the form of pixhawk which processes the IMU sensor data (Inertial Measurement Unit) which includes a gyroscope and accelerometer, GPS and barometric

altimeter so that it can fly automatically according to the GPS waypoint entered. Flight controller accepts

and process data from sensors and produce output to drive servo actuators. Processing data from sensors

using the Proportional Integral Derivative (PID) control. The aircraft will be connected to ground station via the device

telemetry to transmit flight data to land, and has several supporting components that are mutually integrated.

(20) Type of Publication (Patent or Patent Application) :RI Application for Patent

(19) Country where the Application for Patent is submitted : ID

(11) No Announcement: 2018 / S /
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Date (33) of the State

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October 19, 2018

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Argorejo Village District Sedayu Kab.
Bantul D.I. Yogyakarta; Tegalrejo VII
RT / RW 004/014 Kel / Desa Sidorejo
Kec. Godean Kab. Sleman IN.
Yogyakarta; Krajan Hamlet Krengseng
Village RT / RW 001/002 Village /
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B. CONCLUSION

The requirement to apply for
intellectual property rights patent
rights is truly renewable. No one has
ever filed before. As for how to check
whether our work is renewable or not.
we can check patent documents in the
database of DJHKI and patent offices
abroad. For example, checking
scientific journals and the like.

If our work is not yet renewable, the
next process is to make a patent
application proposal. Proposals for
filing patents include the title of
invention, background of invention,
brief description of intellectual work
found and technical drawings.
Technical drawings accompanied by a
brief description. Then equipped with
abstracts and claims. This circuit is

then called the preparation of patent specifications.

Patent specifications as a minimum requirement that must be included. The three conditions must be met to obtain a filing date, among which are fulfilling patent specifications, application forms and registration fees. As for other requirements as a formality, where these conditions can be completed for three months after receiving the date of receipt.

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C. ACKNOWLEDGEMENT

University Of Indonesia

University Of Mitra Indonesia
Telkom University
University Of Melbourne
Saitama University

D. REFERENCE_(Based ISO 690)

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