

# Three things Australia should do to secure access to treatments, vaccines, tests and devices

21 April 2020, by Deborah Gleeson and David Legge



Credit: Shutterstock

Patents and related intellectual property rights can present formidable barriers to procuring medicines, vaccines, diagnostic tests and medical devices.

They can cost lives, particularly during a public health emergency.

Two examples from the United States illustrate the point.

The US conglomerate 3M holds hundreds of patents on [N95 face masks](#). The Governor of Kentucky has asked it to [release them](#) so other manufacturers can make the masks.

Gilead Sciences holds a range of patents for [remdesivir](#), one of the leading candidates for treating COVID-19.

It recently applied for an [extra period of exclusivity](#) which would have extended the length of time other firms were prevented from manufacturing the drug without its permission. It [withdrew](#) its application after a public outcry.

In the past few weeks 150 civil society

organizations, including [Médecins Sans Frontières](#), have called on Gilead to forgo its patents.

There are three things Australia should do to manage these sorts of situations.

## 1. Prepare to override patents

First, Australia should prepare to take advantage of some rarely used but vitally important safeguards in the Commonwealth [Patents Act](#).

They enable patents to be over-ridden when necessary to prevent shortages of vital medical supplies.

Under Sections 132-133, the Federal Court can order that a compulsory license be granted for a patented invention, meaning that a third party (such as a company that produces generic medicines or face masks) can manufacture copies of the invention without the permission of the patent owner.

This can be done under conditions outlined in [Section 133, Para 3](#), which include that

- demand in Australia for the original invention is not being met on reasonable terms
- authorisation to exploit the original invention is essential to meet that demand
- the applicant has tried for a reasonable period, but without success, to obtain authority from the patentee to exploit the original invention on reasonable terms and conditions
- the patentee has given no satisfactory reason for failing to exploit the patent to the extent necessary to meet the demand for the original invention in Australia

Although the requirement that the applicant has tried for a reasonable period without success to obtain authority can slow down the process, the World Trade Organisation's [Agreement on Trade-Related Intellectual Property Rights](#) allows for legislation that bypasses the need for negotiations in an emergency.

Last month Canada passed such legislation, specifying that it was for the period of the coronavirus emergency.

Australia should consider doing the same.

The Patent Act's [crown use](#) provisions (Sections 163-170) provide another (potentially easier) mechanism allowing Australian governments to over-ride a patent in an emergency in order to provide a service primarily provided or funded by a government.

These provisions could also be redrafted to reduce ambiguity and make them easier to use in an emergency.

Using these provisions, particularly if they are made more workable, could mean that medical technologies could be manufactured locally if there are shortages or if they are not available from the [patent](#) holder at a reasonable price.

## 2. Reinstate the right to import low-cost medicines

Australia should also reverse its earlier decision to [voluntarily waive](#) its right to import medicines manufactured in another country under a compulsory license.

If Australia doesn't have the manufacturing capacity to produce a particular drug, or to produce enough of it to meet its population's needs, it should be able to import a low-cost version from another country.

To reverse the waiver, the Australian Government needs to [notify](#) the World Trade Organization that it has changed its policy and now considers itself an eligible importing country, at least in the context of an emergency.

## 3. Support Costa Rica's proposal for a global COVID-19 pool

Finally, the Australian Government should follow [The Netherlands](#) in supporting [Costa Rica's](#) proposal for a World Health Organization global pool for rights on data and knowledge that can be of use for the prevention, detection and treatment of COVID-19.

Now put forward by the [European Union](#) as a draft resolution for the World Health Assembly, the initiative aims to provide free access to existing knowledge about diagnostic tests, devices, drugs and vaccines, enabling all countries to quickly access or produce affordable products.

Each of three simple practical actions could prevent [intellectual property rights](#) from becoming an insurmountable barrier to accessing essential products during the emergency.

This article is republished from [The Conversation](#) under a Creative Commons license. Read the [original article](#).

Provided by The Conversation

APA citation: Three things Australia should do to secure access to treatments, vaccines, tests and devices (2020, April 21) retrieved 4 July 2022 from <https://techxplore.com/news/2020-04-australia-access-treatments-vaccines-devices.html>

*This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.*