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CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2020103157

The Commissioner of Patents has granted the above patent on 16 December 2020, and certifies that the below particulars have been registered in the Register of Patents.

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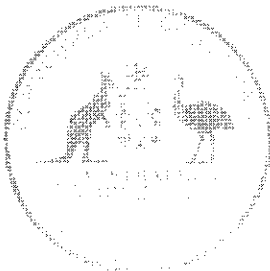
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Title of invention:

AN ARTIFICIAL INTELLIGENCE BASED AUTOMATIC CLEANLINES SYSTEM FOR PHYSICALLY HANDICAPPED PERSONS

Name of inventor(s):



Dated this 16th day of December 2020

Commissioner of Patents



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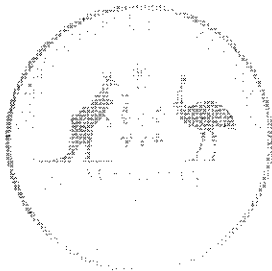
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Term of Patent:

Eight years from 31 October 2020

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 16th day of December 2020

Commissioner of Patents