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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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**Title of invention:**

AN ARTIFICIAL INTELLIGENCE BASED AUTOMATIC CLEANLINESS SYSTEM FOR PHYSICALLY HANDICAPPED PERSONS

**Name of inventor(s):**



Dated this 16<sup>th</sup> day of December 2020

Commissioner of Patents

PATENTS ACT 1990

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Chaturvedi, Anoop Kumar; Kumar, R. Lakshmana; Islam, Saiful; KHAN, NADEEM AHMAD; KHAN, AFZAL HUSAIN; Manjunath, T.C.; G., Pavithra; Kumar, Kailash; Veerakumar, K.; Gulati, Kamal; Bhasin, Narinder Kumar; Dadheech, Pankaj; Sankeerthana, R.; Chakravarthy, Srinivasa L.; Ghadiyaram, Anil Kumar and Panduri, Bharathi

**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.



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