(51) International

(86) International

(87) International

Publication No

Filing Date

Application Number

Filing Date

Application Number

Filing Date

(62) Divisional to

(61) Patent of Addition to

Application No

classification

(21) Application No.202431058836 A

(43) Publication Date: 09/08/2024

(54) Title of the invention: "Advancing Lawn Maintenance with Grass Cutter Machines"

:A01D0034730000, A01D0101000000,

A01G0003060000, A01D0034416000,

A01D0034000000

:NA

:NA

: NA

:NA

:NA

:NA

·NA

1)SWAMI VIVEKANANDA UNIVERSITY

Address of Applicant : Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia,

West Bengal - 700121 Barasat -Name of Applicant : NA

Address of Applicant : NA (72)Name of Inventor:

(71)Name of Applicant:

1)MR. ABHISHEK PODDAR

Address of Applicant :SWAMI VIVEKANANDA UNIVERSITY Telinipara.

Barasat - Barrackpore Rd, Bara Kanthalia West Bengal-700121, India Barasat --

2)MR. SUMAN KUMAR GHOSH

Address of Applicant :SWAMI VIVEKANANDA UNIVERSITY Telinipara,

Barasat - Barrackpore Rd, Bara Kanthalia West Bengal-700121, India Barasat -

3)MR. SOUMYA GHOSH

Address of Applicant :SWAMI VIVEKANANDA UNIVERSITY Telinipara,

Barasat - Barrackpore Rd, Bara Kanthalia West Bengal-700121, India Barasat -

4)MR. BIKASH PANJA

Address of Applicant :SWAMI VIVEKANANDA UNIVERSITY Telinipara,

Barasat - Barrackpore Rd, Bara Kanthalia West Bengal-700121, India Barasat ----

5)MR. ABHISHEK DHAR

Address of Applicant :SWAMI VIVEKANANDA UNIVERSITY Telinipara,

Barasat - Barrackpore Rd, Bara Kanthalia West Bengal-700121, India Barasat --

6)MR. SAURABH ADHIKARI

Address of Applicant :SWAMI VIVEKANANDA UNIVERSITY Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia West Bengal-700121, India Barasat -

7)Prof. (Dr.) Subhranil Som, Principal,

Address of Applicant :Bhairab Ganguly College 2, Feeder Rd, Beehive Garden, Belghoria, Kolkata, West Bengal-700056, India Belghoria

(57) Abstract:

Grass cutter machines represent a significant advancement in lawn maintenance technology, offering efficient and precise grass cutting capabilities for residential, commercial, and industrial applications. These machines combine powerful engines, sharp cutting blades, and ergonomic designs to deliver superior performance and ease of use. Grass cutter machines come in various types, including reel mowers, rotary mowers, and robotic mowers, catering to diverse needs and preferences. With their versatility, reliability, and efficiency, grass cutter machines have become indispensable tools for maintaining lush and manicured lawns in a wide range of settings.

No. of Pages: 11 No. of Claims: 5