507103814 01/31/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CONFIRMATORY ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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CHRIS J. TREMEL	01/21/2022
CHRISTOPHER REEK	01/21/2022

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17001905

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ATTORNEY DOCKET NUMBER: 16060-000069-US-01

NAME OF SUBMITTER: MARK A. SPINELLI

SIGNATURE: /Mark A. Spinelli, Reg. No. 75,735/

DATE SIGNED: 01/31/2022

Total Attachments: 2

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507103814 PATENT REEL: 058909 FRAME: 0588

Attorney Docket No. 16060-000069-US-01

Deere Ref: P30277 (parent)

CONFIRMATORY ASSIGNMENT

The undersigned acknowledges that this document is being used as a confirmatory assignment of the invention for an Application entitled:

METHOD AND APPARATUS FOR OPERATING A DUAL ROTOR ELECTRICAL MACHINE

and as set forth in U.S. Application No. 17/001,905, filed August 25, 2020.

As a named inventor, I hereby declare that:

For good and valuable consideration, the receipt and adequacy whereof I hereby acknowledge, I hereby confirm my prior assignment to DEERE & COMPANY, One John Deere Place, Moline, IL 61265 (hereinafter "Assignee"), and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the above-identified application, to the above-identified application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the above-identified application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by me had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights.

I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, any derivation proceedings relating thereto, and as to Letters Patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application

PATENT REEL: 058909 FRAME: 0589

Attorney Docket No. 16060-000069-US-01

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for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of

Assignee without further or other compensation than that above set forth.

I covenant not to challenge the validity or ownership of, or assist anyone else challenging the

validity or ownership of, any patent issuing on the application or claiming priority thereto,

whether in the courts or before a government agency, including reexaminations, inter partes

reviews post grant reviews, covered business method reviews, derivation proceedings, or

any other proceeding where the validity or scope or ownership of the patent is at issue.

I hereby request the United States Patent and Trademark Office to issue the Letters Patent

of the United States of America to Assignee, and request that any official of any country or

countries foreign to the United States, whose duty it is to issue or grant patents and

applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other

similar right to Assignee.

I hereby grant the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this

confirmatory assignment any further identification which may be necessary or desirable in

order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this

document.

~DocuSigned by

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