

PCT REQUESTOriginal (for **SUBMISSION**)

0	For receiving Office use only	
0-1	International Application No.	PCT/US16/37429
0-2	International Filing Date	14 JUN 2016 (14.06.16)
0-3	Name of receiving Office and "PCT International Application"	RO/US
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EFS-Web mode] Version 3.51.073.249 MT/FOP 20160401/0.20.5.24
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	1014081
I	Title of Invention	MADS-BOX DOMAIN ALLELES FOR CONTROLLING SHELL PHENOTYPE IN PALM
II	Applicant	
II-1	This person is	Applicant only
II-2	Applicant for	All designated States
II-4	Name	MALAYSIAN PALM OIL BOARD
II-5	Address	No. 6, Persiaran Instituti Bandar Baru Bangi 43000 Kajang, Selangor Malaysia
II-6	State of nationality	MY
II-7	State of residence	MY
III-1	Applicant and/or inventor	
III-1-1	This person is	Applicant and inventor
III-1-2	Applicant for	All designated States
III-1-4	Name (LAST, First)	ORDWAY, Jared
III-1-5	Address	c/o Orion Genomics 4041 Forest Park Avenue Saint Louis, Missouri 63108 United States of America
III-1-6	State of nationality	US
III-1-7	State of residence	US

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III-2	Applicant and/or inventor	
III-2-1	This person is	Inventor only
III-2-3	Inventor for	All designated States
III-2-4	Name (LAST, First)	SINGH, Rajinder
III-2-5	Address	c/o Malaysian Palm Oil Board No. 6, Persiaran Instituti Bandar Baru Bangi 43000 Kajang, Selangor Malaysia
III-3	Applicant and/or inventor	
III-3-1	This person is	Inventor only
III-3-3	Inventor for	All designated States
III-3-4	Name (LAST, First)	TI, Leslie Low Eng
III-3-5	Address	c/o Malaysian Palm Oil Board No. 6, Persiaran Instituti Bandar Baru Bangi 43000 Kajang, Selangor Malaysia
III-4	Applicant and/or inventor	
III-4-1	This person is	Inventor only
III-4-3	Inventor for	All designated States
III-4-4	Name (LAST, First)	LI, Leslie Ooi Cheng
III-4-5	Address	c/o Malaysian Palm Oil Board No. 6, Persiaran Instituti Bandar Baru Bangi 43000 Kajang, Selangor Malaysia
III-5	Applicant and/or inventor	
III-5-1	This person is	Inventor only
III-5-3	Inventor for	All designated States
III-5-4	Name (LAST, First)	ABDULLAH, Meilina Ong
III-5-5	Address	c/o Malaysian Palm Oil Board No. 6, Persiaran Instituti Bandar Baru Bangi 43000 Kajang, Selangor Malaysia
III-6	Applicant and/or inventor	
III-6-1	This person is	Inventor only
III-6-3	Inventor for	All designated States
III-6-4	Name (LAST, First)	NOOKIAH, Rajanaidu
III-6-5	Address	c/o Malaysian Palm Oil Board No. 6, Persiaran Instituti Bandar Baru Bangi 43000 Kajang, Selangor Malaysia

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III-7	Applicant and/or inventor	
III-7-1	This person is	Inventor only
III-7-3	Inventor for	All designated States
III-7-4	Name (LAST, First)	SAMBANTHAMURTHI, Ravigadevi
III-7-5	Address	c/o Malaysian Palm Oil Board No. 6, Persiaran Instituti Bandar Baru Bangi 43000 Kajang, Selangor Malaysia
III-8	Applicant and/or inventor	
III-8-1	This person is	Inventor only
III-8-3	Inventor for	All designated States
III-8-4	Name (LAST, First)	VAN BRUNT, Andrew
III-8-5	Address	c/o Orion Genomics 4041 Forest Park Avenue Saint Louis, Missouri 63108 United States of America
III-9	Applicant and/or inventor	
III-9-1	This person is	Inventor only
III-9-3	Inventor for	All designated States
III-9-4	Name (LAST, First)	BUDIMAN, Muhammad A.
III-9-5	Address	c/o Orion Genomics 4041 Forest Park Avenue Saint Louis, Missouri 63108 United States of America
III-10	Applicant and/or inventor	
III-10-1	This person is	Inventor only
III-10-3	Inventor for	All designated States
III-10-4	Name (LAST, First)	SMITH, Steven W.
III-10-5	Address	c/o Orion Genomics 4041 Forest Park Avenue Saint Louis, Missouri 63108 United States of America
III-11	Applicant and/or inventor	
III-11-1	This person is	Inventor only
III-11-3	Inventor for	All designated States
III-11-4	Name (LAST, First)	LAKEY, Nathan D.
III-11-5	Address	c/o Orion Genomics 4041 Forest Park Avenue Saint Louis, Missouri 63108 United States of America

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III-12	Applicant and/or inventor	
III-12-1	This person is	Inventor only
III-12-3	Inventor for	All designated States
III-12-4	Name (LAST, First)	MARTIENSSEN, Rob
III-12-5	Address	c/o Orion Genomics 4041 Forest Park Avenue Saint Louis, Missouri 63108 United States of America
IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	Agent
IV-1-1	Name (LAST, First)	GOETZ, David H.
IV-1-2	Address	Kilpatrick Townsend & Stockton LLP Mailstop: IP Docketing - 22 1100 Peachtree Street, Suite 2800 Atlanta, GA 30309 United States of America
IV-1-3	Telephone No.	415-576-0200
IV-1-4	Facsimile No.	415-576-0300
IV-1-6	Agent's registration No.	63759
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	HINSCH, Matthew E.(47651); FLANAGAN, Lisa D.(65957); HAO, Joe C.(55246); LOCKYER, Jean M.(44879); WEBER, Kenneth A.(31677)
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	15 June 2015 (15.06.2015)
VI-1-2	Number	62/180,042
VI-1-3	Country or Member of WTO	US
VI-2	Priority document request	
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1

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VI-3	Incorporation by reference : where an element of the international application referred to in Article 11(1)(iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.		
VII-1	International Searching Authority Chosen	United States Patent and Trademark Office (USPTO) (ISA/US)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	—	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	—	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	—	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	—	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	—	
IX	Check list	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	6	✓
IX-2	Description	45	—
IX-3	Claims	10	—
IX-4	Abstract	1	✓
IX-5	Drawings	3	—
IX-6a	Sequence listing part of the description (also to be used for the purposes of international search)	—	✓ ^SEQ.TXT
IX-7	TOTAL	65	
	Accompanying Items	Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	✓	—
IX-20	Figure of the drawings which should accompany the abstract	1	
IX-21	Language of filing of the international application	English	

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X-1	Signature of applicant, agent or common representative	/David H. Goetz, Reg. No. 63,759/
X-1-1	Name (LAST, First)	GOETZ, David H.
X-1-3	Capacity (if such capacity is not obvious from reading the request)	

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14-06-2016

10-1	Date of actual receipt of the purported international application	14 JUN 2016
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/US
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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