503112193 12/22/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3158800

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKAO AKIYAMA	11/21/2014
YOSHIMASA SAWADA	11/21/2014

RECEIVING PARTY DATA

Name:	MEIDENSHA CORPORATION	
Street Address:	2-1-1 OSAKI, SHINAGAWA-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	1416029	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14406914

CORRESPONDENCE DATA

Fax Number: (703)621-7155

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 703-621-7140

Email: mailroom@mg-ip.com

Correspondent Name: MUNCY, GEISSLER, OLDS & LOWE, P.C.

Address Line 1: 4000 LEGATO ROAD

Address Line 2: SUITE 310

Address Line 4: FAIRFAX, VIRGINIA 22033

ATTORNEY DOCKET NUMBER:	R: 5402/0154PUS1	
NAME OF SUBMITTER:	JOE MCKINNEY MUNCY	
SIGNATURE:	/Joe McKinney Muncy/	
DATE SIGNED:	12/22/2014	

Total Attachments: 3

source=2014-12-22 Assignment#page1.tif source=2014-12-22 Assignment#page2.tif source=2014-12-22 Assignment#page3.tif

PATENT 503112193 REEL: 034569 FRAME: 0241

MUNCY, GEISSLER, OLDS & LOWE, PLLC

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

COMBINED DECLARATION AND ASSIGNMENT

As a below named inventor, I hereby declare that: This declaration is directed to: The attached application; or United States application number or PCT international application number filed on The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a dinvention in the application. I hereby acknowledge that any willful false statement made in this declarate punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) yeboth. Direct all correspondence to the address associated with Customer Number 60601. WHEREAS, MEIDENSHA CORPORATION of 2-1-1 Osaki, Shinagawa-ku,	
This declaration is directed to: The attached application; or United States application number or PCT international application number filed on The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a convention in the application. I hereby acknowledge that any willful false statement made in this declarate punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) ye both. Direct all correspondence to the address associated with Customer Number 60601. WHEREAS, MEIDENSHA CORPORATION of 2-1-1 Osaki. Shinagawa-ku.	,
☑ The attached application; or ☑ United States application number or PCT international application number filed on The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a cinvention in the application. I hereby acknowledge that any willful false statement made in this declarate punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) ye both. Direct all correspondence to the address associated with Customer Number 60601. WHEREAS, MEIDENSHA CORPORATION of 2-1-1 Osaki, Shinagawa-ku,	
I believe that I am the original inventor or an original joint inventor of a convention in the application. I hereby acknowledge that any willful false statement made in this declarate punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) yes both. Direct all correspondence to the address associated with Customer Number 60601. WHEREAS, MEIDENSHA CORPORATION of 2-1-1 Osaki, Shinagawa-ku,	
I hereby acknowledge that any willful false statement made in this declarate punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) yes both. Direct all correspondence to the address associated with Customer Number 60601. WHEREAS, MEIDENSHA CORPORATION of 2-1-1 Osaki, Shinagawa-ku,	
punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) y both. Direct all correspondence to the address associated with Customer Number 60601. WHEREAS, MEIDENSHA CORPORATION of 2-1-1 Osaki, Shinagawa-ku,	laimed
WHEREAS, MEIDENSHA CORPORATION of 2-1-1 Osaki, Shinagawa-ku,	
1416029, Japan, its heirs, successors, legal representatives and assigns (hereinafter design the Assignee) is desirous of acquiring the entire right, title and interest in and to said in and in and to any Letters Patent(s) that may be granted therefor in the United States of A and in any foreign countries.	ated as vention
NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) undersigned in hand paid, the receipt of which is hereby acknowledged, and other govaluable consideration, the undersigned has (have) sold, assigned and transferred, and by presents does sell, assign and transfer unto said Assignee the full and exclusive right to	od and y these

PATENT REEL: 034569 FRAME: 0242 invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, PLLC the power to insert on this Assignment any further identification which may be necessary or

PATENT REEL: 034569 FRAME: 0243 desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

LEGAL NAME OF FIRST OR SOLE INVENTOR:

RECORDED: 12/22/2014

Takao AKIYAMA			
Signature: T. Shiyama	Date: November 21,2014		
LEGAL NAME OF ADDITIONAL JOINT IN	IVENTOR, IF ANY:		
Yoshimasa SAWADA			
Signature: Jeskimer Seeds	Date: November 21,2014		
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:			
:::			
Signature:	Date:		
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:			
Signature:	Date:		
Additional inventors are being named on separately numbered sheets attached hereto.			

PATENT REEL: 034569 FRAME: 0244