504915676 05/15/2018

EPAS ID: PAT4962421

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HILARIO AR-MIGUEL ALVAREZ	05/10/2018
SPENCER ALLEN MULLENS	05/11/2018
JESSE EUGENE WILLIAM II	05/14/2018

RECEIVING PARTY DATA

Name:	PHOTRONICS, INC.
Street Address:	15 SECOR ROAD
Internal Address:	P.O. BOX 5226
City:	BROOKFIELD
State/Country:	CONNECTICUT
Postal Code:	06804

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15960963

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	67493/353
NAME OF SUBMITTER:	BENJAMIN M. HALPERN
SIGNATURE:	/Benjamin M. Halpern/
DATE SIGNED:	05/15/2018

Total Attachments: 3

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> **PATENT REEL: 045810 FRAME: 0593** 504915676

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

ASSIGNORS:

(1)

Full Name of Inventor: Hilario Ar-Miguel Alvarez

Residence:

Flower Mound, Texas

Citizenship:

U.S.

Full Name of Inventor: (2)

Spencer Allen Mullens

Residence:

Denison, Texas

Citizenship:

U.S.

Full Name of Inventor: (3)

Jesse Eugene Williams II

Residence:

McKinney, Texas

Citizenship:

U.S.

hereby sell, assign and transfer to ASSIGNEE:

PHOTRONICS, INC.

15 Secor Road P.O. Box 5226

Brookfield, CT 06804

and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest for the United States and its territorial possessions, and in all foreign countries and regions, including all rights to claim priority, in and to the invention entitled:

PELLICLE REMOVAL TOOL

that was invented by ASSIGNORS, and which was filed with the U.S. Patent and Trademark Office on April 24, 2018 as U.S. Patent Application No. 15/960,963 based on U.S. Provisional Patent Application Serial No. 62/489,200, filed on April 24, 2017, and any legal equivalent thereof in any foreign country or region, including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above

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application, or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue or reexamination or other post issuance proceedings thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been, or will be, made or entered into which would conflict with this Assignment.

ASSIGNORS authorize ASSIGNEE to make applications for, and to receive, Letters Patent for said invention in any of said countries or regions, in ASSIGNEE'S name, or in ASSIGNOR'S name, at ASSIGNEE'S election.

ASSIGNORS covenant and agree to execute or procure any further necessary assurance of the title to said invention, and any Letters Patent which may issue therefore, and to, at any time, upon the request and at the expense of ASSIGNEE, deliver any testimony in any interference, derivation proceeding, litigation, or proceeding related thereto, and to execute all papers that may be necessary or desirable to perfect the title to said invention, or any Letters Patent which may be granted therefore in ASSIGNEE, its successors, assigns, or other legal representatives, and to, at any time, upon the request and at the expense of ASSIGNEE, execute any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue or reexamination or other post issuance proceedings thereof, or any other additional applications for Letters Patent for said invention or any part thereof, in any of said countries or regions, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns, or other legal representatives.

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ASSIGNORS authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States of America for said invention, resulting from the aforesaid application, to PHOTRONICS, INC. as its ASSIGNEE.

WITNESS my hand and seal on:

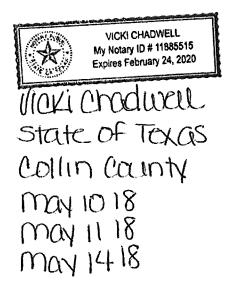
Atimo	$\angle \setminus$		5/10/2018
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Hilario Ar-Miguel Alvarez Date

Spencer Allen Mullens Date

L E. William 5-14-18

se Eugene Williams II



RECORDED: 05/15/2018