505457018 05/02/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5503821

Stylesheet Version v1.2

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| ANTOINE D. FIFIELD | 05/01/2019 |
| DANIEL JAMES MILLER | 05/01/2019 |
| BRIAN A. MILLER | 05/01/2019 |

RECEIVING PARTY DATA

| Name: | MAXIM INTEGRATED PRODUCTS, INC. |
|-----------------|---------------------------------|
| Street Address: | 160 RIO ROBLES DR. |
| City: | SAN JOSE |
| State/Country: | CALIFORNIA |
| Postal Code: | 95134 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16401293 |

CORRESPONDENCE DATA

Fax Number: (650)856-0542

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: 6508567539

Email: nmiller@northweber.com

Correspondent Name: NORTH WEBER & BAUGH LLP Address Line 1: 3260 HILLVIEW AVE., 1ST FL. Address Line 4: PALO ALTO, CALIFORNIA 94304

| ATTORNEY DOCKET NUMBER: | 20057-2182 |
|-------------------------|---------------|
| NAME OF SUBMITTER: | NITA MILLER |
| SIGNATURE: | /Nita Miller/ |
| DATE SIGNED: | 05/02/2019 |

Total Attachments: 5

source=2182_asmt#page1.tif source=2182_asmt#page2.tif source=2182_asmt#page3.tif source=2182 asmt#page4.tif

source=2182_asmt#page5.tif

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the individual(s) named below (hereinafter "INVENTOR" whether singular or plural) has sold, assigned, transferred, and set over, and hereby sells, assigns, transfers and sets over, to Maxim Integrated Products, Inc., a corporation of the State of Delaware, having a place of business at 160 Rio Robles Dr., San Jose, CA 95134 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

 The full and exclusive worldwide right, title, and interest in and to all inventions and improvements ("SUBJECT MATTER") that are disclosed in the U.S. patent application, entitled "SYSTEMS AND METHODS FOR SOFTWARE-CONFIGURABLE BATTERY MONITORING SYSTEM" ("APPLICATION"),

| | which is a provisional application | | |
|---|---|---------|---------|
| | ☐ bearing Application No, and filed on | | |
| | ☐ to be filed herewith; or | | |
| × | which is a non-provisional application | | |
| | ☐ bearing Application No. 16/401,293, and filed on May 2, 2019; | | |
| | ☐ to be filed herewith; | | |
| | ⊠ having an oath or declaration executed on the same date as this A | Assignm | nent; |
| | having an oath or declaration executed on a different date than the | is Assi | gnment. |

2. The entire worldwide right, title, and interest in and to the APPLICATION and all applications claiming priority to the APPLICATION or having related SUBJECT MATTER to the APPLICATION, including all such utility, divisional, continuation, substitute, renewal, reissue, international, or other related applications and all rights of priority in the APPLICATION, together with all rights to recover damages for infringement.

INVENTOR hereby authorizes and requests the Commissioner of the U.S. Patent and Trademark Office, and Patent Office Officials in all foreign countries, to issue to the ASSIGNEE any and all patents which may be granted from the APPLICATION.

1 of 5

{20057/2182/00015184.DOCX v1}

MONITORING SYSTEM

Inventor(s):

Title:

Fifield et al.

Appl. No.:

16/401,293 May 2, 2019

Filing Date: Docket No.:

20057-2182

INVENTOR will, without further consideration, communicate to the ASSIGNEE any facts known to the INVENTOR regarding the SUBJECT MATTER, testify in any legal proceeding, sign all lawful papers, execute all oaths, assignments, powers of attorney, applications and any other paper

desired by ASSIGNEE to obtain, perfect, or secure to ASSIGNEE any and all of the rights, titles

and interests herein conveyed, and to maintain, enforce, and defend these rights, titles and interests

in the United States and all foreign countries. INVENTOR further agrees to provide any successor,

assign, or legal representative of ASSIGNEE with the benefits and assistance provided to

ASSIGNEE herein.

INVENTOR represents that the INVENTOR, at the time of the execution of this Assignment, is the sole and lawful owner of the entire rights, titles and interests in and to the SUBJECT MATTER

as set forth in the APPLICATION, and that the SUBJECT MATTER is unencumbered, and that

the INVENTOR has good and full right and lawful authority to sell and convey the SUBJECT

MATTER in the manner herein set forth.

INVENTOR covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter

make any assignment, grant, mortgage, license or other agreement affecting the rights, titles, and

interests herein conveyed.

INVENTOR agrees to, and hereby acknowledges, that the ASSIGNEE may apply for and receive

patents related to the APPLICATION or SUBJECT MATTER.

INVENTOR grants the attorney of record for the APPLICATION the power to insert on this

Assignment any further identification, including the application number and filing date, which

may be necessary or desirable to comply with the rules of the United States Patent and Trademark

Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an

original and all of which may be taken together as one and the same Assignment. Inventor/assignor

signature blocks are located on the following pages.

2 of 5

| Title: | | AND METHODS FOR SO ING SYSTEM | JE I WARE-CONFI | JORABIE BALL | Like |
|-----------------|----------------|--|--|--|--|
| Inventor(s): | Fifield et al. | | | | |
| Appl. No.: | 16/401,293 | 74 88 . | | | |
| Filing Date: | May 2, 2019 | | | | |
| Docket No.: | 20057-2182 | WANNESS OF THE STREET OF THE S | | | |
| | | | | | |
| INVENTOR | Name: | Antoine D. Fifield | | | |
| INVENTOR | Address: | 3039 E. Irwin Ave. | | . " | |
| | | Mesa, AZ 85204 | | | |
| | | DocuSigned by: | | | |
| INVENTOR | R Signature | MIA | Ql) | ······································ | THE RESERVE THE PROPERTY OF TH |
| Date of Sigr | nature: | 5718F72H1F980D495 | - V | | |
| 1000010161 | 100001.01 | | | | THE RESERVE OF THE PROPERTY OF |
| | | *************************************** | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 00000000000000000000000000000000000000 |
| : | | | | | |
| | | | | | in the second se |
| Witnessed E | By: | AUGUSTA A CONTRACTOR OF THE CO | [Print Nat | nel | |
| | | | <u></u> | | |
| Witness Sig | nature: | MARCHAR AND WAR HERE HERE HERE HERE HERE HERE HERE HE | | | |
| Date of Sign | nature: | | | | |
| | | | | | |
| | | GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG | <u>connancerno renervo di riccia di di conscissio de la conscissio di cons</u> | DODDODGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG | |
| State of | | | | | |
| County of | | | | | |
| • | | | | | |
| On | | , before me | | pei | rsonally appeared, |
| | Date] | to the second se | [Name and Title of Off | icer] | |
| [INVENT | ORI | , who proved to n | ne on the basis of | satisfactory ev | ridence to be the |
| person(s) who | se name(s) | is/are subscribed to th | e within instrum | ent and acknov | vledged to me that |
| he/she/they ex | recuted the | same in his/her/their | authorized capac | ity(ies), and th | at by his/her/their |
| | | nent the person(s), or t | he entity upon be | half of which the | ne person(s) acted, |
| executed the i | nstrument. | | | | |
| I certify under | PENALTY | OF PERJURY under | r the laws of the | State of | |
| | | ph is true and correct. | | | |
| WITNINGS | hand and a | official agai | | | |
| WITNESS my | y nana ana C | mulai svai. | | | |
| | | | | | |
| Signature | | 10000000000000000000000000000000000000 | | (Se | eal) |
| Digitaturo | | | ************************************** | | |
| | | | | | |
| | | | | | |

3 of 5

{20057/2182/00015184.DOCX v1}

| Title: | MONITORI | NG SYSTEM | | | | |
|--|---|--|--|---|--|---|
| Inventor(s): Appl. No.: | Fifield <i>et al.</i> 16/401,293 | | | | | |
| Filing Date: Docket No.: | May 2, 2019 20057-2182 |) | | | | ************************************** |
| | | | | | | |
| INVENTO | D Nama | Daniel James Mil | ler | | | |
| | | 1352 E. Shamroc | *************************************** | | | |
| INVENTO | K Address: | Gilbert, AZ 8529 | | | | |
| | | —— DocuSigned by: | | | | |
| INVENTO | R Signature | Daniel James Mi | ller | | | |
| Date of Sig | nature: | 5/1/2019 ^{BF468} | | · | | 7777777777777777777 |
| | | AND THE RESIDENCE OF THE PARTY | | | | |
| <u>uuuuuuubaapiiandosabsonnnnnnnnnnnnnnnnn</u> | eenneevisiosoogoopinistoogoogooonii | KONNINGO O O O O O O O O O O O O O O O O O O | <u>gaaasnonkkanakennonnonvoloovaaaaaaaaaa</u> | | | |
| Witnessed | By: | | | | · | *************************************** |
| | | | (Print) | iamej | | |
| Witness Sig | gnature: | | ACCOUNTS OF THE PROPERTY OF TH | *************************************** | | |
| Date of Sig | nature: | | | | | |
| | | NOCOCOONNA NA | sonnoennohoopunuouvuouvuosaassassassassassassassa | <u>калаадлааладалалагиччиний</u> | 10000000000000000000000000000000000000 | apunuusususususususususususususususususus |
| State of | | No. of the Control of |) | | | |
| | | |) | | | |
| | | 1 0 | | | personally a | nnaarad |
| On | [Date] | , before me | [Name and Title of C | Officer] | | 7 7 |
| INVEN | TORI | , who proved to | | | | |
| person(s) wh he/she/thev e | ose name(s) i executed the son the instrum | is/are subscribed to same in his/her/the hent the person(s), o | ir authorized cap | acity(ies), and | d that by his/ | her/their |
| | | OF PERJURY und ph is true and corre | | e State of | | |
| WITNESS m | ny hand and o | fficial seal. | | | | |
| | | | | | | |
| Signature | · | | | | (Seal) | |
| | | | | | | |
| {20057/21 82/ 0001 | 5184.DOCX v13 | 4 c | of 5 | | | |

Title:

{20057/2182/00015184.DOCX v1}

| Title: | IONITORING SYST | EM | | | | |
|--|--|--|--|--|--|-----------------------------|
| lnventor(s): F | ifield <i>et al</i> . | | | | | |
| | 6/401,293 | | | | | |
| 0 | ay 2, 2019 | | | | | |
| Docket No.: 20 | 0057-2182 | NATURAL DESCRIPTION OF THE PROPERTY OF THE PRO | | | | |
| | | | | | | |
| | | | | | | |
| INVENTOR N | ame: <u>Brian</u> | A. Miller | | | | |
| INVENTOR A | ddress: 637 W | V. Silver Creek | Rd. | | · . | MAKAba a TANGALIM MAKAMANAN |
| | Gilber | t, AZ 85233 | | | | |
| | · · · · · · · · · · · · · · · · · · · | | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | | | |
| INVENTOR S | | gned by: Miller | | | | |
| | | <u>/3</u> 8D14461 | | | | |
| Date of Signatu | ire: 5717201 | 19 | | | | |
| | | | | | | |
| 12000000000000000000000000000000000000 | <u>0000000000000000000000000000000000000</u> | 000000000000000000000000000000000000000 | | 20000000000000000000000000000000000000 | IDDOCHOOODOOOOOOOOOOOOOO | |
| | | | | | | |
| Witnessed By: | | | | | | |
| Winterpoor 27. | | | [Print N | ame] | | |
| Witness Signat | aire: | | | | | wageeeeeeeeeee |
| | | | · · | ALL CONTRACTOR OF THE CONTRACT | | |
| Date of Signat | are: | | | | | |
| | | | | | | |
| ончиничиндалирияния на технология по поставления на технология на технология на технология на технология на те | ал-учаучу) и процения по п | | | *************************************** | PARTICULAR PROPERTY AND PROPERT | |
| | *************************************** | | | | | |
| County of | |) | | | | |
| | | | | | | |
| On | , be | fore me | | | personally a | ppeared, |
| [Date | | 1.4 | Name and Title of O | fficer] | aridanae ta | he the |
| [INVENTOR] | , wh | o proved to me | on the basis of | ii sausiaciory | evidence to | oc mc |
| nerson(s) whose | name(s) is/are su | bscribed to the | within instrum | nent and ackn | owledged to | me that |
| he/she/thev_exec | uted the same in | his/her/their a | uthorized capa | city(ies), and | that by his/ | her/their |
| signature(s) on th | ne instrument the | person(s), or th | e entity upon b | ehalf of whicl | h the person | (s) acted, |
| executed the inst | rument. | | | | | |
| Lastifu under D | ENALTY OF PE | R II IR Y under | he laws of the | State of | | |
| | g paragraph is tru | | | | AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | |
| | | | | | | |
| WITNESS my h | and and official s | eal. | | | | |
| | | | | | | |
| | | | | | | |
| Signature | | | | (| (Seal) | |
| | | | | | | |
| (30063/3103/00016194) | DACY vII | 5 of 5 | | | | |

PATENT REEL: 049060 FRAME: 0751

Title: