505748759 10/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5795572

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT				
ATURE OF CONVEYAN	ICE:	ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY DA	АТА						
		Name Execu	ition Date				
MATHIEU COUSTANS		10/04/2	019				
YVES THEODULOZ		10/04/2	019				
JEROME SABY		10/04/2	019				
CYRIL MARTI		10/04/2	019				
MARIO DELLEA		10/04/2	019				
RECEIVING PARTY DA	ТА						
Name:		CROELECTRONIC-MARIN S.A.					
Street Address:	RUE DES SORS 3						
City:	MARIN						
State/Country:	SWITZERLAND						
Postal Code:	2074						
PROPERTY NUMBERS	Total: T						
Property Type		Number					
		Number 16668294					
Property Type Application Number: CORRESPONDENCE D Fax Number:	ΑΤΑ	(202)293-7860					
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA e sent to	16668294	be sent				
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA e sent to provideo	16668294 (202)293-7860 b the e-mail address first; if that is unsuccessful, it will b	be sent				
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email:	ATA e sent to provideo	16668294 (202)293-7860 5 the e-mail address first; if that is unsuccessful, it will b 1; if that is unsuccessful, it will be sent via US Mail. 202-293-7060 bmurray@SUGHRUE.COM, sughrue@sughrue.com	be sent				
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone: Email: Correspondent Name:	ATA e sent to provideo	16668294 (202)293-7860 o the e-mail address first; if that is unsuccessful, it will b d; if that is unsuccessful, it will be sent via US Mail. 202-293-7060 bmurray@SUGHRUE.COM, sughrue@sughrue.com SUGHRUE MION, PLLC	be sent				
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to provided	16668294 (202)293-7860 b the e-mail address first; if that is unsuccessful, it will b i; if that is unsuccessful, it will be sent via US Mail. 202-293-7060 bmurray@SUGHRUE.COM, sughrue@sughrue.com SUGHRUE MION, PLLC 2000 PENNSYLVANIA AVENUE, N.W.	be sent				
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA e sent to provideo	16668294 (202)293-7860 o the e-mail address first; if that is unsuccessful, it will b d; if that is unsuccessful, it will be sent via US Mail. 202-293-7060 bmurray@SUGHRUE.COM, sughrue@sughrue.com SUGHRUE MION, PLLC 2000 PENNSYLVANIA AVENUE, N.W. SUITE 900	be sent				
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to provideo	16668294 (202)293-7860 b the e-mail address first; if that is unsuccessful, it will b i; if that is unsuccessful, it will be sent via US Mail. 202-293-7060 bmurray@SUGHRUE.COM, sughrue@sughrue.com SUGHRUE MION, PLLC 2000 PENNSYLVANIA AVENUE, N.W.	be sent				
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA e sent to provideo	16668294 (202)293-7860 o the e-mail address first; if that is unsuccessful, it will b d; if that is unsuccessful, it will be sent via US Mail. 202-293-7060 bmurray@SUGHRUE.COM, sughrue@sughrue.com SUGHRUE MION, PLLC 2000 PENNSYLVANIA AVENUE, N.W. SUITE 900	be sent				
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA e sent to provideo	16668294 (202)293-7860 b the e-mail address first; if that is unsuccessful, it will b c the e-mail address first; if that is unsuccessful, it will be sent via US Mail. 202-293-7060 bmurray@SUGHRUE.COM, sughrue@sughrue.com SUGHRUE MION, PLLC 2000 PENNSYLVANIA AVENUE, N.W. SUITE 900 WASHINGTON, D.C. 20006	be sent				
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NU	ATA e sent to provideo	16668294 (202)293-7860 b the e-mail address first; if that is unsuccessful, it will b j; if that is unsuccessful, it will be sent via US Mail. 202-293-7060 bmurray@SUGHRUE.COM, sughrue@sughrue.com SUGHRUE MION, PLLC 2000 PENNSYLVANIA AVENUE, N.W. SUITE 900 WASHINGTON, D.C. 20006 Q250759	be sent				
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if µ Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA e sent to provideo	16668294 (202)293-7860 b the e-mail address first; if that is unsuccessful, it will b b that is unsuccessful, it will be sent via US Mail. 202-293-7060 bmurray@SUGHRUE.COM, sughrue@sughrue.com SUGHRUE MION, PLLC 2000 PENNSYLVANIA AVENUE, N.W. SUITE 900 WASHINGTON, D.C. 20006 Q250759 BRIAN T. MURRAY	be sent				

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

source=Q250759 Declaration with Assignment executed as filed # page 1.tif source=Q250759 Declaration with Assignment executed as filed # page 2.tif source=Q250759 Declaration with Assignment executed as filed # page 3.tif source=Q250759 Declaration with Assignment executed as filed # page 4.tif source=Q250759 Declaration with Assignment executed as filed # page 4.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with Assignment executed as filed # page 5.tif source=Q250759 Declaration with as filed # pag

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	A DC-DC converter for a low voltage power source
As the below nar	ned inventor, I hereby declare that:
This declaration	X The attached application, or
is directed to:	United States application or PCT international application number
The above-identi	fied application was made or authorized to be made by me.
I believe that I ar	n the original inventor or an original joint inventor of a claimed invention in the application.
(hereinafter refer desirous of acqui	M Microelectronic-Marin SA red to as "ASSIGNEE") having places of business at: <u>Rue des Sors 3, 2074 Marin, Switzerland</u> , is iring the entire right, title and interest in and to said invention and in and to any Letters Patent that herefore in the United States and its territorial possessions and in any and all foreign countries;
acknowledged, a said ASSIGNEE, and in all foreign other relevant Int interest in and to possessions and	EFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby nd for other good and valuable consideration, I, by these presents do sell, assign and transfer unto , the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and ternational Treaties and Arrangements from the aforesaid application) and the entire right, title and o any and all Letters Patent which may be granted therefor in the United States and its territorial in any and all foreign countries and in and to any and all divisions, reissues, continuations, renewals thereof.
any and all forei assignee of my e (his) successors a	orize and request the Patent Office Officials in the United States and its territorial possessions and gn countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ntire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and ne would have been held by me had this Assignment and sale not been made.
respecting said i continuation, sub all of said Letter possible to aid sa	ee that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, stitute, renewal and reissue applications, execute all necessary assignment papers to cause any and 's Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything aid ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said Juited States and its territorial possessions and in any and all foreign countries.
I hereby ackno by fine or imprise	wiedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 priment of not more than five (5) years, or both.
LEGAL NAME (OF INVENTOR
Inventor: Mathi	Date: Ochor 4, 8003
Signature: <u>Ma</u> (hiev cousting

......

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

F 222-12-12							
Title of Invention	It we we control to that or how on the former and						
1	low named inventor, I hereby declare that:						
This decla	iration M The attached application, or						
is directed	to: United States application or PCT international application number						
The above	e-identified application was made or authorized to be made by me.						
I believe t	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.						
(hereinafic desirous o	AS, <u>EM Microelectronic-Marin SA</u> er referred to as "ASSIGNEE") having places of business at: <u>Rue des Sors 3, 2074 Marin. Switzerland</u> is if acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that anted therefore in the United States and its territorial possessions and in any and all foreign countries;						
acknowled said ASSI and in all other relev interest in possession	THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby dged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto GNEE, the full and exclusive right to the said invention in the United States and its territorial possessions foreign countries (including the right to claim priority under the terms of the International Convention and vant International Treaties and Arrangements from the aforesaid application) and the entire right, title and and to any and all Letters Patent which may be granted therefor in the United States and its territorial is and in any and all foreign countries and in and to any and all divisions, reissues, continuations, and renewals thereof.						
any and a assignee o (his) succe	y authorize and request the Patent Office Officials in the United States and its territorial possessions and Il foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its essors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and the same would have been held by me had this Assignment and sale not been made.						
respecting continuation all of said possible to	, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, on, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and I Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything o aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said in the United States and its territorial possessions and in any and all foreign countries.						
I hereby by fine or i	y acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 imprisonment of not more than five (5) years, or both.						
LEGAL N	AME OF INVENTOR						
Inventor:	Yves THEODULOZ Date: Q. Q. Q. Q. Q. Q. Q. Date:						
1	Jues Thidulez						

......

.....

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	A	DCDC	CONVERTER	For	Low	VOLTAGE	POWER SOLAG
As the below name	d inve	ntor, I here	by declare that:	••••••			
This declaration	The	attached a	pplication, or				
is directed to:] Unit filed		opplication or PCT int			n number	
The above-identifie	a appl		s made or authorized				
I believe that I am t	he orig	çinal inver	ttor or an original join	t inventor	of a claime	d invention in the	application.
desirous of acquirin	d to as ng the	"ASSIGN entire righ	-Marin SA IEE") having places o it, title and interest in ted States and its territ	and to sai	d invention	and in and to an	v Letters Patent that
acknowledged, and said ASSIGNEE, tl and in all foreign c- other relevant Inter interest in and to a	for ot the full ountrie nations ny ané any a	her good : and exclu. s (includii al Treaties i all Lette and all fo	eration of the sum of and valuable consider sive right to the said i ag the right to claim p and Arrangements fr rs Patent which may reign countries and	ation, I, by nvention i riority und om the aft be granted	y these pre n the Unite let the tern resaid app l therefor	sents do sell, assi ed States and its to as of the International the dication) and the in the United Stat	gn and transfer unto pritorial possessions onal Convention and entire right, title and tos and its territorial
any and all foreign assignee of my enti (his) successors and	count re righ i assig	rics to iss t, title and ns, to the	he Patent Office Offic up any and all of said l interest in and to the full end of the term f n held by me had this	l Letters F same, for or which	atent, whe the sole u said Letter	m granied, to said se and behoof of s Patent may be p	ASSIGNEE as the said ASSIGNEE, its
respecting said inv continuation, substi all of said Letters possible to aid said	ention tute, re Patent . ASSI	, and tes mewal and to be issi GNEE, its	nunicate to said ASS tify in any legal pro- d reissue applications, red to said ASSIGNI s (his) successors and s territorial possession	ceeding, execute a E, make assigns, t	sign all la ll necessar all rightfui o obtain a	wful papers, exc y assignment pap l oaths, and, geno nd enforce proper	ecute all divisional, ers to cause any and erally do everything
I hereby acknow by fine or imprisom	ledge t nent of	hai any w f not more	illful false statement n than five (5) years, or	nade in thi both.	s declaratio	on is punishable u	nder 18 U.S.C. 1001
LEGAL NAME OF INVENTOR							
Inventor: <u>Jérôme</u>	SABY				Date	aablelo. «	4, 603
Signature:	Σ.E.8.s	261.E	SABX				· · · · · · · · · · · · · · · · · · ·

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	A DCDC	convertor	for a	low	Volhge power source.	
1	As the below named inventor, I hereby declare that:					
This declaration XI The attached application, or						
is directed to:	United States applied filed on	cation or PCT int	ernational a	pplicatic	m number	
The above-identifie	The above-identified application was made or authorized to be made by me.					
I believe that I am t	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.					
WHEREAS, <u>EM Microelectronic-Marin SA</u> (hereinafter referred to as "ASSIGNEE") having places of business at: <u>Rue des Sors 3, 2074 Marin. Switzerland</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;						
acknowledged, and said ASSIGNEE, tl and in all foreign c other relevant Inter interest in and to a	or other good and so full and exclusive intries (including the ational Treaties and y and all Letters Pa any and all foreign	valuable consider right to the said : c right to claim r Arrangements fi itent which may	ation, I, by invention in priority under om the afor be granted	these pr the Unit in the ter resaid ap therefor	(\$5.00), the receipt whereof is hereby resents do sell, assign and transfer unto ted States and its territorial possessions ms of the International Convention and oplication) and the entire right, title and in the United States and its territoria all divisions, reissues, continuations	
any and all foreign assignce of my enti (his) successors and	countries to issue and inte	by and all of sai rest in and to the end of the term	d Letters Pa e same, for for which s	itent, wh the sole aid Lette	itates and its territorial possessions and ten granted, to said ASSIGNEE as the use and behoof of said ASSIGNEE, its rs Patent may be granted, as fully and e not been made.	
respecting said inv continuation, substi- all of said Letters	ntion, and testify ite, renewal and role atent to be issued t ASSIGNEE, its (his	in any legal pro- ssue applications to said ASSIGN a) successors and	oceeding, s , execute all EE, make a I assigns, to	ign all necessa ll rightfi obtain	representatives any facts known to me lawful papers, execute all divisional, wy assignment papers to cause any and ul oaths, and, generally do everything and enforce proper protection for said foreign countries.	
I hereby acknow by fine or imprisoni	dge that any willful ent of not more than	false statement i five (5) years, o	nade in this r both.	declarat	ion is punishable under 18 U.S.C. 1001	
LEGAL NAME OF INVENTOR						
Inventor: <u>Cyril M</u>	RTI			Dai	10: <u>October 4, 70</u> 3	
Signature: Cy	<u>ik Hark</u>					

P5870US01 CM (sp)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Tiffe of L
Invention ADC-DC converter for a law vallage power sauce
As the below named inventor, I hereby declare that:
This declaration X The attached application, or
is directed to: United States application or PCT international application number
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 claimed invention in the application.
WHEREAS, <u>EM Microelectronic-Marin SA</u> (hereinafter referred to as "ASSIGNEE") having places of business at: <u>Rue des Sors 3, 2074 Marin, Switzerland</u> is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
LEGAL NAME OF INVENTOR
Inventor: Mario DELLEA Date: October 4, 2019
Signature: //brio Ap/log

RECORDED: 10/30/2019