

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6624269

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TIAGO MARIA CARVALHO CUNHA DE BRITO E FARO	12/15/2020
ANTONIO JOSE MARTINS ESTEVES	02/01/2007
FILIPPE ROSAS COUTINHO	09/01/2016
JOAO PAULO CARDOSO DOS SANTOS	12/15/2020
RECEIVING PARTY DATA	
Name:	ADIRA - METAL FORMING SOLUTIONS, S.A.
Street Address:	RUA DAS LAGES, N.º 67
City:	CANELAS
State/Country:	PORTUGAL
Postal Code:	4410-272
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16343288
CORRESPONDENCE DATA	
Fax Number:	(212)661-8002
<i>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.</i>	
Phone:	2126618000
Email:	info@Imiplaw.com
Correspondent Name:	LUCAS & MERCANTI, LLP
Address Line 1:	30 BROAD STREET
Address Line 2:	21ST FLOOR
Address Line 4:	NEW YORK, NEW YORK 10004
ATTORNEY DOCKET NUMBER:	CLMPT-13
NAME OF SUBMITTER:	ELIZABETH LEE D'AMORE
SIGNATURE:	/Elizabeth Lee D'Amore/
DATE SIGNED:	03/26/2021
Total Attachments: 17	
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**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****THREE-DIMENSIONAL PRINTING SYSTEM**

As the below named inventor, I hereby declare that:

This declaration is directed to:

- ☐ The attached application, or
☒ United States application or PCT international application number 16/343,288 filed on 04/18/2019.

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.

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.

WHEREAS, I, the below-identified Inventor, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter "Invention");

WHEREAS, ADIRA - METAL FORMING SOLUTIONS, S.A. (hereinafter "Assignee") having place of business at: Rua das Lages, n.º 67, 4410-272 Canelas, Portugal, 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 or its territorial possessions and in any and all foreign countries;

NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration:

I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

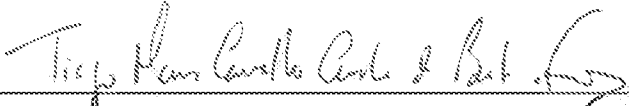
And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And I further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its successors and designees may from time to time require and prepare at its own expense.

The undersigned hereby grants the firm of LUCAS & MERCANTI, LLP, located at 30 Broad Street, New York, New York, 10004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

**LEGAL NAME
OF INVENTOR**

Inventor: Tiago Maria CARVALHO CUNHA DE BRITO
E FARO

Signature: 

Date: 2020-12-15

LUCAS & MERCANTI, LLP
 30 BROAD STREET, 21ST FLOOR
 NEW YORK, NY 10004

Certification of Translation

I, Maria João Ribeiro, hereby certify that I am competent in English and Portuguese language and that I have provided a true and accurate English language translation of the parts red lining of the attached document.

/Maria João Ribeiro/
Signature of Translator

Portugal, 24th March 2021

LABOUR CONTRACT FOR FIXED TIME

A. DIAS RAMOS – MÁQUINAS E FERRAMENTAS, LDA, with its headquarters at Rua António Bessa Leite, 976/1106 Porto, with the register number 500 902 607, represented by Conceição Maria Correia Ramos

António José Martins Esteves, with address at Gondomar, Remoães, 4960-330 Melgaço, identity card no. 10980766 issued at 04th April 2005 for the civil register of Viana do Castelo, fiscal no. 211473103

It's celebrated by the first party and the second party, in good faith, a labour contract for fixed time, which shall be governed by the following clauses:

1st (...)

2nd (...)

3rd (...)

4th (...)

5th (...)

6th (...)

7th (...)

8th (...)

10th (...)

11th

The present contract respects all the formalities provided in the Labour Code, namely, the obligation to provided information to the employee about the terms of the labour contract.

12th

The present contract enters into force on 1st February 2007.

Stamp tax payed under the terms of Law no. 150 from 11th September
2009

Porto, 1st February 2007

For the 1st party,
(signature)

The 2nd party,
(signature)



A. DIAS RAMOS - MÁQUINAS-FERRAMENTAS, LDA.

Rua António Bessa Leite, 976-1106 > 4150-072 PORTO > PORTUGAL

Telef: +351 22 619 2700 > Fax +351 22 619 2701

Apartado 714 > 4151-701 PORTO

Email: adira@adira.pt > http://www.adira.pt

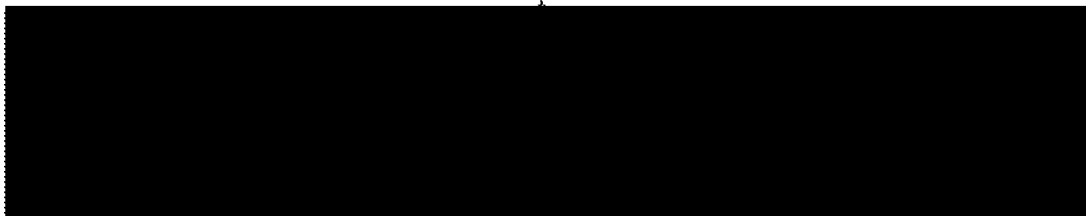
CONTRATO DE TRABALHO A TERMO CERTO

PRIMEIRA OUTORGANTE: A. DIAS RAMOS - MÁQUINAS -FERRAMENTAS LDA, com sede na Rua António Bessa Leite, 976/1106 no Porto, contribuinte nº 500 902 607, aqui representada por Conceição Maria Correia Ramos.

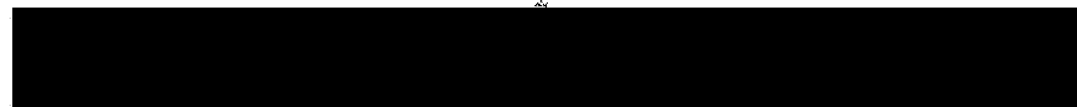
SEGUNDO OUTORGANTE: António José Martins Esteves, residente em Gondomar Remoães, 4960-330 Melgaço, portador do BI N.º 10980766, emitido em 04/04/2005 pelo arquivo de Identificação de Viana do Castelo, contribuinte nº 211473103.

Entre a primeira outorgante por um lado e o segundo outorgante por outro lado, é celebrado, livremente e de boa fé, um contrato individual de trabalho a termo certo, sujeito no seu cumprimento às seguintes cláusulas:

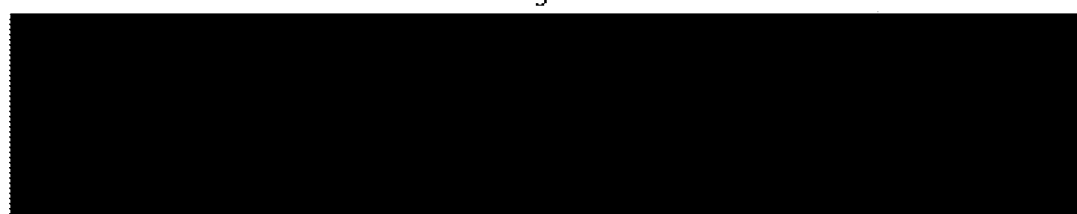
1ª



2ª



3ª



4ª



5ª



PATENT

6ª

7ª

8ª

10ª

11ª

Este contrato obedece a todas as formalidades previstas no Código do Trabalho, designadamente as concernentes à obrigação de informação ao trabalhador sobre as condições aplicáveis ao contrato de trabalho.

12ª

O presente contrato produz efeitos a partir do dia 1 de Fevereiro de 2007

(Selo pago por meio de guia, conforme o disposto no Decreto – Lei n.º 150, de 11 de Setembro de 1999)

Porto, 1 de Fevereiro de 2007

Pela primeira outorgante:

O segundo outorgante:

António José Martins Estêvão

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY
OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**

Title of Invention	THREE-DIMENSIONAL PRINTING SYSTEM		
This statement is directed to:			
<input type="checkbox"/> The attached application,			
OR			
<input checked="" type="checkbox"/> United States application or PCT international application number <u>16/343,288</u> filed on <u>April 18, 2019</u> .			
LEGAL NAME of inventor to whom this substitute statement applies:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Antonio Jose MARTINS ESTEVES			
Residence (except for a deceased or legally incapacitated inventor):			
City	Viana Do Castelo	State	Country PT
Mailing Address (except for a deceased or legally incapacitated inventor):			
Rua Cruz Cerqueira N105 2ESQ. FRT. Meadela			
City	Viana Do Castelo	State	Zip 4900-676 Country PT
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.			
The above-identified application was made or authorized to be made by me.			
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Relationship to the inventor to whom this substitute statement applies:		INPI Industrial Property Code, Art. 59, par 1 states: If an invention was made during the performance of an employment contract in which inventive activity is provided for, the right to the patent belongs to the company. The inventor named herein was an employee of Applicant at the time of the invention and filing of the application for the present invention	
<input type="checkbox"/> Legal Representative (for deceased or legally incapacitated inventor only),			
<input type="checkbox"/> Assignee,			
<input checked="" type="checkbox"/> Person to whom the inventor is under an obligation to assign,			
<input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or			
<input type="checkbox"/> Joint Inventor.			

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 055731 FRAME: 0120

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement:

- ☐ Inventor is deceased,
- ☐ Inventor is under legal incapacity,
- ☒ Inventor cannot be found or reached after diligent effort, or
- ☐ Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

- ☒ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.

OR

- ☐ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

Name: **Jorge Abreu Aguiar** Date (Optional): March 11, 2021

Signature: **/Jorge Abreu Aguiar/****APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:**

If the applicant is a juristic entity, list the applicant name and the title of the signer:

ADIRA - METAL FORMING SOLUTIONS, S.A.

Applicant Name:

Title of Person Executing
This Substitute Statement: **CEO**

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City **Canelas** State Country **PT**

Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)**Rua das Lages, n.º 67**

City **Canelas** State Zip **4410-272** Country **PT**

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Certification of Translation

I, Maria João Ribeiro, hereby certify that I am competent in English and Portuguese language and that I have provided a true and accurate English language translation of the parts red lining of the attached document.

/Maria João Ribeiro/
Signature of Translator

Portugal, 24th March 2021

LABOUR CONTRACT FOR UNDETERMINED PERIOD OF TIME

ADIRA METAL FORMING SOLUTIONS, S.A, with the register number 502120819, Social Security no. 132012683, with its headquarters at Rua das Lages no. 67 Canelas, represented by António Cardoso Pinto, hereinafter called 1st party

Filipe Rosas Coutinho, Portuguese citizen, identity card no. 14348561, fiscal no. 257341641, Social Security no. 11911407366, hereinafter called 2nd party

It's celebrated a labour contract for undetermined period of time, which shall be governed by the following clauses:

1st (...)

2nd (...)

3rd (...)

4th (...)

5th (...)

6th (...)

7th (...)

8th (...)

9th (...)

This agreement is done in Vila Nova de Gaia, 1st September 2016

The 1st party,
(signature)

The 2nd party,
(signature)

Tax stamp payed

CONTRATO DE TRABALHO POR TEMPO INDETERMINADO

Entre

ADIRA METAL FORMING SOLUTIONS, S.A., Pessoa Colectiva nº 502120819, contribuinte da Segurança Social nº 132012683, com sede em Rua das Lages nº 67, Canelas, aqui representada por António Cardoso Pinto, adiante designado 1º Outorgante, e

Filipe Rosas Coutinho, de nacionalidade Portuguesa, portador do Cartão de Cidadão n.º 14348561, com o número fiscal de contribuinte n.º 257341641 e beneficiário da Segurança Social com o nº 11911407366, adiante designado 2º Outorgante,

é celebrado um contrato de trabalho por tempo indeterminado que se rege pelo disposto nas seguintes cláusulas:

1ª -

2ª -

3ª -

4ª -

5ª -

6ª -



[REDACTED]

7ª - [REDACTED]

8ª - [REDACTED]

9ª - [REDACTED]

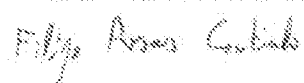
Feito em duplicado em Vila Nova de Gaia, 01 de Setembro de 2016

O 1º OUTORGANTE



Imposto de selo pago por guia

O 2º OUTORGANTE





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**SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY
OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**

Title of Invention	THREE-DIMENSIONAL PRINTING SYSTEM		
This statement is directed to:			
<input type="checkbox"/> The attached application,			
OR			
<input checked="" type="checkbox"/> United States application or PCT international application number <u>16/343,288</u> filed on <u>April 18, 2019</u> .			
LEGAL NAME of inventor to whom this substitute statement applies:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Filipe ROSAS COUTINHO			
Residence (except for a deceased or legally incapacitated inventor):			
City	State	Country	
Porto		PT	
Mailing Address (except for a deceased or legally incapacitated inventor):			
Rua O 1º de Janeiro, 402 Hab. 408			
City	State	Zip	Country
Porto		4100-365	PT
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.			
The above-identified application was made or authorized to be made by me.			
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Relationship to the inventor to whom this substitute statement applies:		INPI Industrial Property Code, Art. 59, par 1 states: If an invention was made during the performance of an employment contract in which inventive activity is provided for, the right to the patent belongs to the company. The inventor named herein was an employee of Applicant at the time of the invention and filing of the application for the present invention	
<input type="checkbox"/> Legal Representative (for deceased or legally incapacitated inventor only),			
<input type="checkbox"/> Assignee,			
<input checked="" type="checkbox"/> Person to whom the inventor is under an obligation to assign,			
<input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or			
<input type="checkbox"/> Joint Inventor.			

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 055731 FRAME: 0127

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement:

- ☐ Inventor is deceased,
- ☐ Inventor is under legal incapacity,
- ☒ Inventor cannot be found or reached after diligent effort, or
- ☐ Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

- ☒ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.

OR

- ☐ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

Name: **Jorge Abreu Aguiar** Date (Optional): March 11, 2021

Signature: **/Jorge Abreu Aguiar/****APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:**

If the applicant is a juristic entity, list the applicant name and the title of the signer:

ADIRA - METAL FORMING SOLUTIONS, S.A.

Applicant Name:

Title of Person Executing
This Substitute Statement: **CEO**

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City **Canelas** State Country **PT**

Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)**Rua das Lages, n.º 67**

City **Canelas** State Zip **4410-272** Country **PT**

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

**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**

THREE-DIMENSIONAL PRINTING SYSTEM

As the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

☒ United States application or PCT international application number 16/343,288 filed on 04/18/2019.

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.

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.

WHEREAS, I, the below-identified inventor, have invented certain new and useful improvements in the invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter "Invention");

WHEREAS, ADIRA - METAL FORMING SOLUTIONS, S.A. (hereinafter "Assignee") having place of business at: Rua das Lages, n.º 67, 4410-272 Canelas, Portugal, 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 or its territorial possessions and in any and all foreign countries;

NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration:

I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And I further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its successors and designees may from time to time require and prepare at its own expense.

The undersigned hereby grants the firm of LUCAS & MERCANTI, LLP, located at 30 Broad Street, New York, New York, 10004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

**LEGAL NAME
OF INVENTOR**

Inventor: Joao Paulo CARDOSO DOS SANTOS

Signature: _____

Date: 2020-12-15

LUCAS & MERCANTI, LLP
30 BROAD STREET, 21ST FLOOR
NEW YORK, NY 10004

PATENT