# 506682479 05/26/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6729297

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DA	ATA		
		Name	Execution Date
DIPAK GOPAL SINGH			05/21/2021
MUMIN YELMAN			05/20/2021
RECEIVING PARTY DA	ТА		
Name:	EATON INTELLIGENT POWER LIMITED		
Street Address:	30 PEMBROKE ROAD		
City:	DUBLIN 4		
State/Country:	IRELAND		
PROPERTY NUMBERS Total: 1 Property Type		Number	
Property Type			
Application Number:	1]	7285113	
Application Number: CORRESPONDENCE D Fax Number:			
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA (3 e sent to t	12)616-5700 <b>he e-mail address first; if that is unsu</b>	
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i>	ATA (3 e sent to t provided;	12)616-5700	
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone:	ATA (3 e sent to t provided; 3	12)616-5700 he e-mail address first; if that is unsuc if that is unsuccessful, it will be sent w	
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email:	ATA (3 e sent to t provided; 3 as	12)616-5700 <b>he e-mail address first; if that is unsu</b> <b>if that is unsuccessful, it will be sent v</b> 126165600 ssignments@leydig.com EYDIG, VOIT & MAYER, LTD.	
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	ATA (3 e sent to t provided; 3 as Ll	12)616-5700 <b>he e-mail address first; if that is unsuc</b> <b>if that is unsuccessful, it will be sent</b> 126165600 ssignments@leydig.com EYDIG, VOIT & MAYER, LTD. WO PRUDENTIAL PLAZA, SUITE 4900	
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA (3 e sent to t provided; 3 as Ll T <sup>1</sup>	12)616-5700 <b>he e-mail address first; if that is unsuc- if that is unsuccessful, it will be sent of 126165600 ssignments@leydig.com EYDIG, VOIT &amp; MAYER, LTD. WO PRUDENTIAL PLAZA, SUITE 4900 80 NORTH STETSON AVENUE</b>	
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name:	ATA (3 e sent to t provided; 3 as Ll T <sup>1</sup>	12)616-5700 <b>he e-mail address first; if that is unsuc</b> <b>if that is unsuccessful, it will be sent</b> 126165600 ssignments@leydig.com EYDIG, VOIT & MAYER, LTD. WO PRUDENTIAL PLAZA, SUITE 4900	
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA (3 e sent to t provided; 3 as Li T 18 C	12)616-5700 <b>he e-mail address first; if that is unsuc- if that is unsuccessful, it will be sent of 126165600 ssignments@leydig.com EYDIG, VOIT &amp; MAYER, LTD. WO PRUDENTIAL PLAZA, SUITE 4900 80 NORTH STETSON AVENUE</b>	
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA (3 e sent to t provided; 3 as Li T 18 C	12)616-5700 he e-mail address first; if that is unsuc if that is unsuccessful, it will be sent 126165600 ssignments@leydig.com EYDIG, VOIT & MAYER, LTD. WO PRUDENTIAL PLAZA, SUITE 4900 80 NORTH STETSON AVENUE HICAGO, ILLINOIS 606016731	
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: TTORNEY DOCKET NU	ATA (3 e sent to t provided; 3 as Li T 18 C	12)616-5700 he e-mail address first; if that is unsuc if that is unsuccessful, it will be sent 26165600 ssignments@leydig.com EYDIG, VOIT & MAYER, LTD. WO PRUDENTIAL PLAZA, SUITE 4900 80 NORTH STETSON AVENUE HICAGO, ILLINOIS 606016731 818194	
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 NAME OF SUBMITTER: BIGNATURE:	ATA (3 e sent to t provided; 3 as Li T 18 C	12)616-5700 he e-mail address first; if that is unsuc- if that is unsuccessful, it will be sent of 26165600 ssignments@leydig.com EYDIG, VOIT & MAYER, LTD. WO PRUDENTIAL PLAZA, SUITE 4900 30 NORTH STETSON AVENUE HICAGO, ILLINOIS 606016731 818194 BRENT A. CHATHAM	
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 NAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 4	ATA (3 e sent to t provided; 3 as LI T 18 C	12)616-5700 he e-mail address first; if that is unsul- if that is unsuccessful, it will be sent will 26165600 ssignments@leydig.com EYDIG, VOIT & MAYER, LTD. WO PRUDENTIAL PLAZA, SUITE 4900 30 NORTH STETSON AVENUE HICAGO, ILLINOIS 606016731 818194 818194 BRENT A. CHATHAM /Brent A. Chatham/ 05/26/2021	
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 NUNAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 4 source=818194_executed	ATA (3 e sent to t provided; 3 as Ll T <sup>1</sup> 18 C IMBER:	12)616-5700 he e-mail address first; if that is unsue if that is unsuccessful, it will be sent of 126165600 ssignments@leydig.com EYDIG, VOIT & MAYER, LTD. WO PRUDENTIAL PLAZA, SUITE 4900 30 NORTH STETSON AVENUE HICAGO, ILLINOIS 606016731 818194 818194 BRENT A. CHATHAM /Brent A. Chatham/ 05/26/2021 ent_Singh_Yelman#page1.tif	
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 NAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 4 source=818194_executed source=818194_executed	ATA (3 e sent to t provided; 3 as Li T 18 C VMBER:	12)616-5700 he e-mail address first; if that is unsul- if that is unsuccessful, it will be sent of 26165600 ssignments@leydig.com EYDIG, VOIT & MAYER, LTD. WO PRUDENTIAL PLAZA, SUITE 4900 30 NORTH STETSON AVENUE HICAGO, ILLINOIS 606016731 818194 818194 BRENT A. CHATHAM /Brent A. Chatham/ 05/26/2021 ent_Singh_Yelman#page1.tif ent_Singh_Yelman#page2.tif	
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 NAME OF SUBMITTER: DATE SIGNED: Total Attachments: 4 source=818194_executed source=818194_executed	ATA (3 e sent to t provided; 3 as Ll T 18 C WBER: MBER:	12)616-5700 he e-mail address first; if that is unsue if that is unsuccessful, it will be sent of 126165600 ssignments@leydig.com EYDIG, VOIT & MAYER, LTD. WO PRUDENTIAL PLAZA, SUITE 4900 30 NORTH STETSON AVENUE HICAGO, ILLINOIS 606016731 818194 818194 BRENT A. CHATHAM /Brent A. Chatham/ 05/26/2021 ent_Singh_Yelman#page1.tif	

### ASSIGNMENT

I, Dipak Gopal Singh, having an address at D2 503 Uttam Townscapes; 411006 Pune; INDIA; and

I, Mumin Yelman, having an address at Ismetpasa mah. Levent Cad. 56. Sok no:A15 Defne 2 Sitesi Daire:28 Kapakli/Tekirdag; TURKEY;

and each of us, if more than one person is identified above, have invented and have owned or do own a whole or partial right, title and interest in a certain invention entitled:

HOSE EXTRUSION MANDREL AND METHOD FOR MANUFACTURING A HOSE

described in the patent application Serial No. 17/285,113, filed on April 14, 2021, in the United States and

WHEREAS,

Eaton Intelligent Power Limited

having an address at 30 Pembroke Road; Dublin 4; IRELAND,

hereinafter referred to as Assignee, was and/or is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the above patent application.

**NOW, THEREFORE,** for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has assigned or hereby does assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns my/our full and exclusive rights in and to the invention in the U.S. and every foreign country and my/our entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and I/we do hereby authorize and request the

## PATENT REEL: 056350 FRAME: 0129

Commissioner of Patents to issue U.S. patents to the above-mentioned Assignce agreeably with the terms of this assignment document.

L'PON SAID CONSIDERATION, I we have conveyed or hereby do convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

I/WE DO HEREBY COVENANT and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I/we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional ressued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

Date

Dipak Copul Singh, Insentor

Oate 🛄

ething a spining president

PATENT REEL: 056350 FRAME: 0130

#### ASSIGNMENT

I, Dipak Gopal Singh, having an address at D2 503 Uttam Townscapes; 411006 Pune; INDIA; and

I, Mumin Yelman, having an address at Ismetpasa mah. Levent Cad. 56. Sok no:A15 Defne 2 Sitesi Daire:28 Kapakli/Tekirdag; TURKEY;

and each of us, if more than one person is identified above, have invented and have owned or do own a whole or partial right, title and interest in a certain invention entitled:

HOSE EXTRUSION MANDREL AND METHOD FOR MANUFACTURING A HOSE

described in the patent application Serial No. 17/285,113, filed on April 14, 2021, in the United States and

#### WHEREAS,

Eaton Intelligent Power Limited

having an address at 30 Pembroke Road; Dublin 4; IRELAND,

hereinafter referred to as Assignce, was and/or is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the above patent application.

Now, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has assigned or hereby does assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns my/our full and exclusive rights in and to the invention in the U.S. and every foreign country and my/our entire right, title, and interest in and to the patent applications and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and I/we do hereby authorize and request the

## PATENT REEL: 056350 FRAME: 0131

Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

UPON SAID CONSIDERATION, I/we have conveyed or hereby do convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

I/WE DO HEREBY COVENANT and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I/we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all partics hereto.

Date \_\_\_\_\_

Dipak Gopal Singh, Inventor

Date 20/05/2024

Mumin Yelman, Inventor

Page 2 of 2

## PATENT REEL: 056350 FRAME: 0132

**RECORDED: 05/26/2021**