

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7855045

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HERO AG	03/09/2021
RECEIVING PARTY DATA	
Name:	SEMPER AB
Street Address:	BOX 1101
City:	SUNDBYBERG
State/Country:	SWEDEN
Postal Code:	172 22
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15244304
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<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:	+1 (617) 521-7019
Email:	deal@fr.com, apsi@fr.com
Correspondent Name:	CATHERINE GUZZO
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	44629-0003002
NAME OF SUBMITTER:	MICHELLE L DEAL
SIGNATURE:	/Michelle L Deal/
DATE SIGNED:	03/20/2023
Total Attachments: 9	
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PATENT ASSIGNMENT

We, the undersigned **Hero AG**, a company incorporated under the laws of Switzerland, with its principal place of business at Karl Roth-Strasse 8, 5600 Lenzburg, Switzerland (the “**Assignor**”)

do hereby declare that we have, under the terms of an agreement dated 31 December 2020, assigned to

Semper AB, a company organized under the laws of Sweden, with its principal place of business at Box 1101, 172 22 Sundbyberg, Sweden (the “**Assignee**”)

all our rights to the following patents and patent applications:

1. All patents and patent applications in all countries derived from PCT/EP2013/057405 filed 9 April 2013;
2. All patents and patent applications in all countries derived from PCT/EP2014/063538 filed 26 June 2014;
3. Swedish patent no. 537951 filed 1 July 2013; and
4. Swedish patent no. 536599 filed 10 April 2012.

For avoidance of any doubt, patents and patent applications that are assigned herein include, but are not limited to, cases specified in the following table:

Country / Region	Application Number	Application Date	Status	Patent Number	Grant Date
BE - (Belgium)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
BE - (Belgium)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
CH - (Switzerland)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
CH - (Switzerland)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
CN - (China P.R.)	201380025927.4	2013-04-09	Granted	ZL201380025927.4	2017-09-12
CN - (China P.R.)	201710338105.1	2013-04-09	Granted	ZL201710338105.1	2020-12-11
CN - (China P.R.)	201710695706.8	2013-04-09	Filed		
CZ - (Czech Republic)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
CZ - (Czech Republic)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
DE - (Germany)	13720266.9	2013-04-09	Granted	602013015585.2	2016-12-21
DE - (Germany)	16205569.3	2013-04-09	Granted	602013060226.3	2019-09-04
DK - (Denmark)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
DK - (Denmark)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
EE - (Estonia)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
EE - (Estonia)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
EG - (Egypt)	PCT 1594/2014	2013-04-09	Granted	28085	2017-07-09
EP - (European Patent Convention)	13720266.9	2013-04-09	Granted	2836084	2016-12-21

EP - (European Patent Convention)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
EP - (European Patent Convention)	19193193.0	2013-04-09	Filed		
ES - (Spain)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
ES - (Spain)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
FI - (Finland)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
FI - (Finland)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
FR - (France)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
FR - (France)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
GB - (Great Britain)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
GB - (Great Britain)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
HK - (Hong Kong)	17112744.5	2013-04-09	Granted	1238498	2020-09-18
IE - (Ireland)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
IE - (Ireland)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
IS - (Iceland)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
IS - (Iceland)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
IT - (Italy)	502017000026619	2013-04-09	Granted	2836084	2016-12-21
IT - (Italy)	502019000095031	2013-04-09	Granted	3175719	2019-09-04
LT - (Lithuania)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
LT - (Lithuania)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
LU - (Luxembourg)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
LU - (Luxembourg)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
LV - (Latvia)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
LV - (Latvia)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
NL - (Netherlands)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
NL - (Netherlands)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
NO - (Norway)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
NO - (Norway)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
PT - (Portugal)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
PT - (Portugal)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
RU - (Russian Federation)	2014139123	2013-04-09	Granted	2617606	2017-04-25
SE - (Sweden)	1250357-9	2012-04-10	Granted	536599 C2	2014-03-18
SE - (Sweden)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
SE - (Sweden)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
SK - (Slovak Republic)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
SK - (Slovak Republic)	16205569.3	2013-04-09	Granted	3175719	2019-09-04
TR - (Turkey)	13720266.9	2013-04-09	Granted	2836084	2016-12-21
TR - (Turkey)	16205569.3	2013-04-09	Granted	3175719	2019-09-04

US - (United States)	15/244,304	2013-04-09	Filed		
BE - (Belgium)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
CH - (Switzerland)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
CN - (China P.R.)	201480037782.4	2014-06-26	Granted	201480037782.4	2018-05-04
CZ - (Czech Republic)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
DE - (Germany)	14732904.9	2014-06-26	Granted	602014025557.4	2018-05-16
DK - (Denmark)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
EE - (Estonia)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
EG - (Egypt)	PCT 2054/2015	2014-06-26	Filed		
EP - (European Patent Convention)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
ES - (Spain)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
FI - (Finland)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
FR - (France)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
GB - (Great Britain)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
HK - (Hong Kong)	16112874.8	2014-06-26	Granted	1224523 B	2019-05-24
IE - (Ireland)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
IS - (Iceland)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
IT - (Italy)	502018000018856	2014-06-26	Granted	3016529	2018-05-16
LI - (Liechtenstein)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
LT - (Lithuania)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
LU - (Luxembourg)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
LV - (Latvia)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
NL - (Netherlands)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
NO - (Norway)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
PT - (Portugal)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
RU - (Russian Federation)	2015154452	2014-06-26	Granted	2668871	2018-10-04
SE - (Sweden)	1350804-9	2013-07-01	Granted	537951 C2	2015-12-01
SE - (Sweden)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
SK - (Slovak Republic)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
TR - (Turkey)	14732904.9	2014-06-26	Granted	3016529	2018-05-16
US - (United States)	14/902,123	2014-06-26	Granted	0	2018-02-13

In witness thereof the parties hereto have executed this assignment as of the day and year stated below.

Executed by the ASSIGNOR:

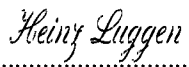
Hero AG


.....
Signature

Ricardo Martos
.....
Name

Legal Counsel
.....
Capacity

2021-03-09
.....
Place and date


.....
Signature

Heinz Luggen
.....
Name

VP Treasury & Taxes
.....
Capacity

2021-03-10
.....
Place and date

The above assignment is accepted:

Executed by the ASSIGNEE:

Semper AB



.....
Sebastian Schaeffer

Signature

Sebastian Schaeffer

.....

Name

CEO and Chairman of the Board

.....

Capacity

2021-03-09

.....

Place and date



.....
Troels Bojesen

Signature

Troels Bojesen

.....

Name

CFO

.....

Capacity

2021-03-09

.....

Place and date

Signaturcertifikat

Dokumentets namn:

Assignment Hero to Semper BTM IP









Unikt dokument-id:

c36556d6-992f-41b0-a7f6-eba8857

Dokumentets fingeravtryck:

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a126c250b8398fcrf528a34f070c85a4f69e85dad3af572981ac3ada63339317

Undertecknare

<p> Troels Bojesen CFO Northern Europe Cluster Semper</p> <p>E-post: troels.bojesen@hero.ch Enhet: Mobile Safari 14.0 on iOS 14.4 AP iPhone (smartmobil) IP nummer: 5.103.131.113 IP Plats: Skaelskor, Zealand, Denmark</p>	<p>Betrodd tidsstämpel: 2021-03-09 11:15:53 UTC</p> 
<p> Ricardo Martos Legal Counsel HERO AG</p> <p>E-post: ricardo.martos@hero.ch Enhet: Chrome 89.0 on Windows 10 (dator) IP nummer: 81.9.247.194 IP Plats: Barcelona, Catalonia, Spain</p>	<p>Betrodd tidsstämpel: 2021-03-09 11:20:14 UTC</p> 
<p> Heinz Luggen VP Treasury and Taxes Hero AG (CHE-106.043.830)</p> <p>E-post: heinz.luggen@hero.ch Enhet: Chrome 88.0 on Windows 10 (dator) IP nummer: 84.73.108.153 IP Plats: Birmenstorf, Aargau, Switzerland</p>	<p>Betrodd tidsstämpel: 2021-03-10 12:43:25 UTC</p> 
<p> Sebastian Schaeffer CEO Semper</p> <p>E-post: sebastian.schaeffer@semper.se Enhet: Chrome 89.0 on Windows 10 (dator) IP nummer: 2.15.68.198 IP Plats: Saint-Raphaël, Provence-Alpes-Côte d'Azur, France</p>	<p>Betrodd tidsstämpel: 2021-03-09 17:42:20 UTC</p> 



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Certifikatet tillhandahåller alla signaturer och aktivitetsdata kopplade till dokumentet.

Sida 1 / 4

PATENT
REEL: 063035 FRAME: 0570

Detta dokument slutfördes av alla parter:

2021-03-10 12:43:25 UTC



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Certifikatet tillhandehåller alla signaturer och aktivitetsdata koppl

Sida 2 / 4

PATENT
REEL: 063035 FRAME: 0571

Aktivitetslogg

Betrodd tidsstämpel	Aktivitet med insamlade uppgifter
2021-03-10 12:43:25 UTC	Dokumentet signerades av Heinz Luggen (heinz.luggen@hero.ch) Enhet: Chrome 88.0 on Windows 10 (dator) IP nummer: 84.73.108.153 - IP Plats: Birmenstorf, Aargau, Switzerland
2021-03-10 12:40:57 UTC	Dokumentet verifierades genom handskriven signatur av Heinz Luggen (heinz.luggen@hero.ch) Enhet: Chrome 88.0 on Windows 10 (dator) IP nummer: 84.73.108.153 - IP Plats: Birmenstorf, Aargau, Switzerland
2021-03-09 17:42:20 UTC	Dokumentet signerades av Sebastian Schaeffer (sebastian.schaeffer@semper.se) Enhet: Chrome 89.0 on Windows 10 (dator) IP nummer: 2.15.68.198 - IP Plats: Saint-Raphaël, Provence-Alpes-Côte d'Azur, France
2021-03-09 17:42:15 UTC	Dokumentet verifierades genom handskriven signatur av Sebastian Schaeffer (sebastian.schaeffer@semper.se) Enhet: Chrome 89.0 on Windows 10 (dator) IP nummer: 2.15.68.198 - IP Plats: Saint-Raphaël, Provence-Alpes-Côte d'Azur, France
2021-03-09 17:41:57 UTC	Dokumentet lästes igenom av Sebastian Schaeffer (sebastian.schaeffer@semper.se) Enhet: Chrome 89.0 on Windows 10 (dator) IP nummer: 2.15.68.198 - IP Plats: Saint-Raphaël, Provence-Alpes-Côte d'Azur, France
2021-03-09 17:41:42 UTC	Dokumentet öppnades av Sebastian Schaeffer (sebastian.schaeffer@semper.se) Enhet: Chrome 89.0 on Windows 10 (dator) IP nummer: 2.15.68.198 - IP Plats: Saint-Raphaël, Provence-Alpes-Côte d'Azur, France
2021-03-09 11:21:55 UTC	Dokumentet öppnades av Agneta Nilsson (agneta.nilsson@semper.se) Enhet: Chrome 88.0 on Windows 10 (dator) IP nummer: 82.100.91.178 - IP Plats: Baista, Uppsala County, Sweden
2021-03-09 11:20:14 UTC	Dokumentet signerades av Ricardo Martos (ricardo.martos@hero.ch) Enhet: Chrome 89.0 on Windows 10 (dator) IP nummer: 81.9.247.194 - IP Plats: Barcelona, Catalonia, Spain
2021-03-09 11:19:59 UTC	Dokumentet verifierades genom handskriven signatur av Ricardo Martos (ricardo.martos@hero.ch) Enhet: Chrome 89.0 on Windows 10 (dator) IP nummer: 81.9.247.194 - IP Plats: Barcelona, Catalonia, Spain
2021-03-09 11:18:19 UTC	Dokumentet lästes igenom av Ricardo Martos (ricardo.martos@hero.ch) Enhet: Chrome 89.0 on Windows 10 (dator) IP nummer: 81.9.247.194 - IP Plats: Barcelona, Catalonia, Spain
2021-03-09 11:17:30 UTC	Dokumentet öppnades av Ricardo Martos (ricardo.martos@hero.ch) Enhet: Chrome 89.0 on Windows 10 (dator) IP nummer: 81.9.247.194 - IP Plats: Barcelona, Catalonia, Spain
2021-03-09 11:15:53 UTC	Dokumentet signerades av Troels Bojesen (troels.bojesen@hero.ch) Enhet: Mobile Safari 14.0 on iOS 14.4 AP iPhone (smartmobil) IP nummer: 5.103.131.113 - IP Plats: Skaelskor, Zealand, Denmark



2021-03-09 11:15:47 UTC Dokumentet verifierades genom handskrivna signatur av Troels Bojesen (troels.bojesen@hero.ch)
Enhet: Mobile Safari 14.0 on iOS 14.4 AP iPhone (smartmobil)
IP nummer: 5.103.131.113 - IP Plats: Skaelskor, Zealand, Denmark

2021-03-09 11:15:38 UTC Dokumentet lästes igenom av Troels Bojesen (troels.bojesen@hero.ch)
Enhet: Mobile Safari 14.0 on iOS 14.4 AP iPhone (smartmobil)
IP nummer: 5.103.131.113 - IP Plats: Skaelskor, Zealand, Denmark

2021-03-09 11:15:31 UTC Dokumentet öppnades av Troels Bojesen (troels.bojesen@hero.ch)
Enhet: Mobile Safari 14.0 on iOS 14.4 AP iPhone (smartmobil)
IP nummer: 5.103.131.113 - IP Plats: Skaelskor, Zealand, Denmark

2021-03-09 11:11:34 UTC Dokumentet lästes igenom av Heinz Luggen (heinz.luggen@hero.ch)
Enhet: Chrome 88.0 on Windows 10 (dator)
IP nummer: 84.73.108.153 - IP Plats: Birrenstorf, Aargau, Switzerland

2021-03-09 11:10:59 UTC Dokumentet öppnades av Heinz Luggen (heinz.luggen@hero.ch)
Enhet: Chrome 88.0 on Windows 10 (dator)
IP nummer: 84.73.108.153 - IP Plats: Birrenstorf, Aargau, Switzerland

2021-03-09 10:54:55 UTC Dokumentet skickades till Agneta Nilsson (agneta.nilsson@semper.se)
Enhet: Chrome 89.0 on Windows 10 (dator)
IP nummer: 185.244.1.183 - IP Plats: Akersberga, Stockholm County, Sweden

2021-03-09 10:54:54 UTC Dokumentet skickades till Sebastian Schaeffer (sebastian.schaeffer@semper.se)
Enhet: Chrome 89.0 on Windows 10 (dator)
IP nummer: 185.244.1.183 - IP Plats: Akersberga, Stockholm County, Sweden

2021-03-09 10:54:54 UTC Dokumentet skickades till (carmen.montoya@hero.es)
Enhet: Chrome 89.0 on Windows 10 (dator)
IP nummer: 185.244.1.183 - IP Plats: Akersberga, Stockholm County, Sweden

2021-03-09 10:54:53 UTC Dokumentet skickades till Heinz Luggen (heinz.luggen@hero.ch)
Enhet: Chrome 89.0 on Windows 10 (dator)
IP nummer: 185.244.1.183 - IP Plats: Akersberga, Stockholm County, Sweden

2021-03-09 10:54:52 UTC Dokumentet skickades till Ricardo Martos (ricardo.martos@hero.ch)
Enhet: Chrome 89.0 on Windows 10 (dator)
IP nummer: 185.244.1.183 - IP Plats: Akersberga, Stockholm County, Sweden

2021-03-09 10:54:51 UTC Dokumentet skickades till Troels Bojesen (troels.bojesen@hero.ch)
Enhet: Chrome 89.0 on Windows 10 (dator)
IP nummer: 185.244.1.183 - IP Plats: Akersberga, Stockholm County, Sweden

2021-03-09 10:54:50 UTC Dokumentet förseglades av Michael Wojtasik (michael.wojtasik@semper.se)
Enhet: Chrome 89.0 on Windows 10 (dator)
IP nummer: 185.244.1.183 - IP Plats: Akersberga, Stockholm County, Sweden

2021-03-09 10:40:34 UTC Dokumentet skapades av Michael Wojtasik (michael.wojtasik@semper.se)
Enhet: Chrome 89.0 on Windows 10 (dator)
IP nummer: 185.244.1.183 - IP Plats: Akersberga, Stockholm County, Sweden

