Signal fire

CE FC UK CA RoHS ISO 9001

AI-20

THE FOURTH GENERATION TRUNK LINE
OPTICAL FIBER FUSION SPLICER

CRAFTSMAN SPIRIT

Upholding the original aspiration with craftsmanship
Winning trust through quality

0.1 μm
Accurate of fiber alignment

Signal fire AI-20 fusion splicer applies multiple of the latest patented technologies of Signal fire, and adopts a more advanced central processing unit, more advanced algorithms, and higher precision cameras. In such a compact and compact situation, the combination design of workbench and bench has been achieved simultaneously. 1s startup, 6s rapid fusion, 15s heating,5-inch color touchscreen, 320x magnification, 7800mAh large capacity lithium battery can fuse and heat 240 cores, still performs well in harsh environments such as high altitude, dry, and cold.

Full link integration design Highly integrated

4.50KG
Total weight

Machine+Toolbox+Complete Accessory Set

Six motors

Fiber core alignment

6s splicing

15s heating

Within OPM function

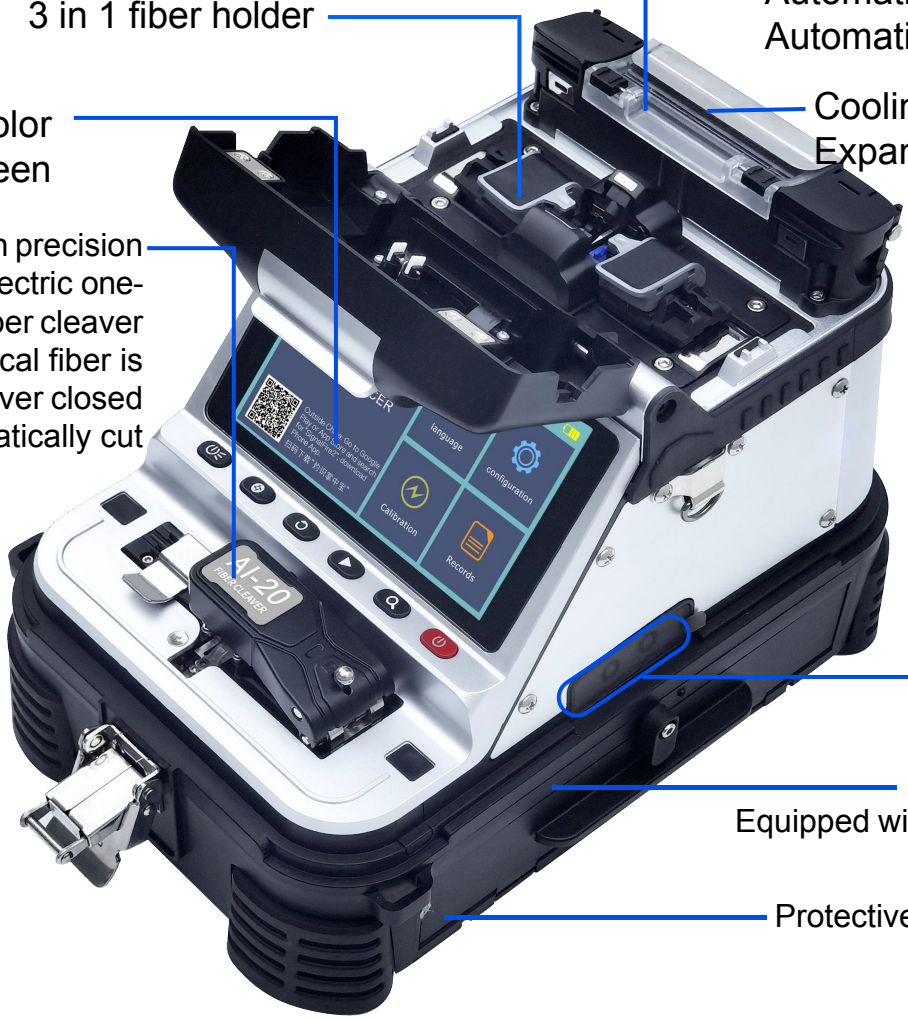
Within VFL function

Electric one-step fiber cleaver

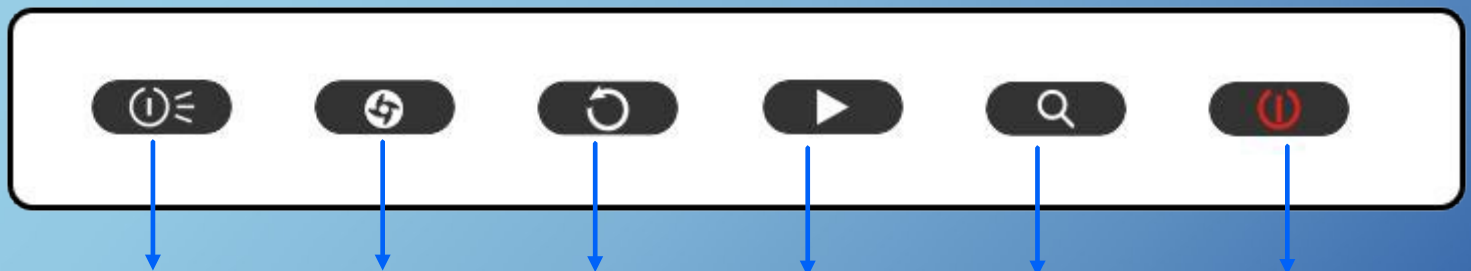
SIGNAL FIRE Stripper

The AI-20, the fourth generation fiber fusion splicer developed by Signal fire, is the latest generation of fiber fusion splicer designed for full link integration. It combines Signal fire's latest research and development of a delayed return electric one-step cleaver with fiber fusion splicing, while integrating OPM and VFL functions. Combined with a nine in one signalfire fiber stripper, a combinable workbench and worktable, it truly becomes a compact, lightweight, and easy to operate fiber fusion splicer, which will greatly improve your work efficiency.

Exquisite craftsmanship
High standard design

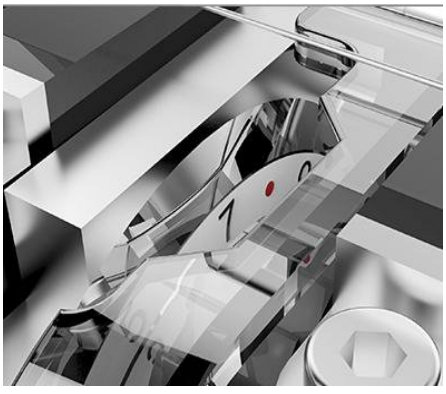


The buttons are clear and beautiful



Built-in high precision delay return electric one-step fiber cleaver

Signal fire new generation fiber fusion splicer has significantly reduced the actual weight and volume of the entire equipment by reducing auxiliary tools and improving the automation level, ultimately achieving a true improvement in fusion quality and efficiency. This is the fourth generation fiber fusion splicer that we first launched, and the core is full link integration design, highly integrated.



Automatic/Manual change

Cleaver blade surface automatically change when the current cutting point cut fiber more than 1000 times and continuously shown three times unqualified cutting results.

Automatic delayed cleaver return

Perfectly solves the problem of traditional mechanical one-step cleaver back cutting scratching the fiber end face. The factory standard delay time is set to 0.5s, and the adjustable range is 0.2s to 2s.

Cleaver LED auxiliary lighting

Brightness can be adjusted through APP.

Built-in VFL and OPM function

Measure fiber link loss/luminous flux
Fiber line tracking, breakpoint/light leakage detection

OPM(Measurement range: -50+30dbm)

VFL(10km)

OPM

Switch between ten states

Wavelength: 850nm、1300nm、1310nm
1490nm、1550nm、1625nm、980nm
1270nm、1577nm、1650nm

VFL

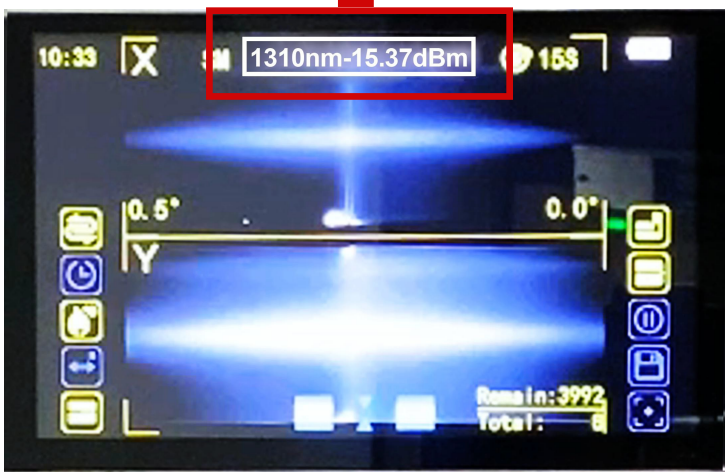
Switch between three states

power: 15mW, 2Hz flashing and steady on mode

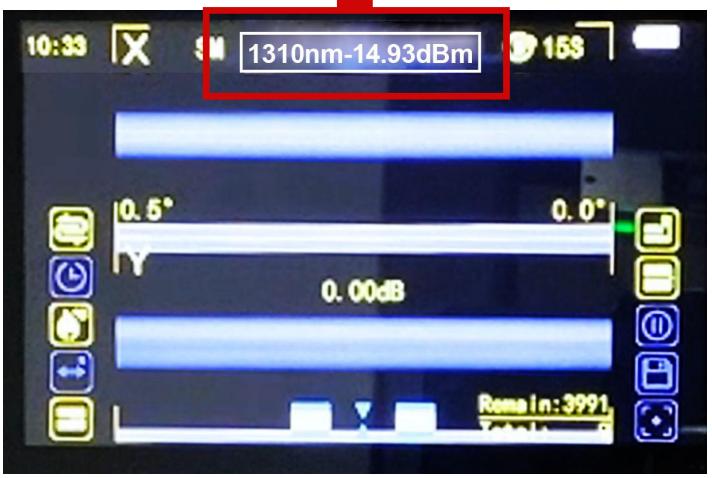
Real-time luminous flux assisted alignment

Only applicable to environments with stable optical signal link from front

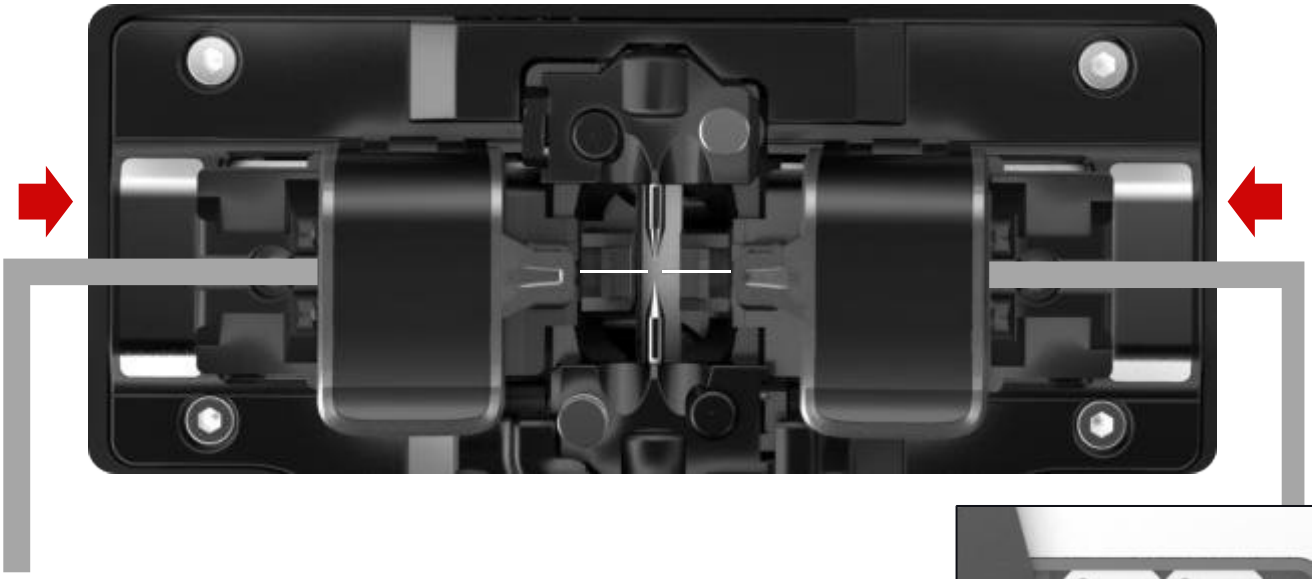
Intelligently analyze the alignment point with the lowest splicing loss and then splice the fiber



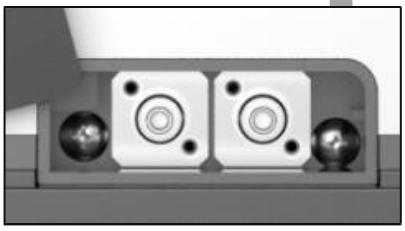
Splicing is completed



Real-time luminous flux assisted alignment technology developed by Signalfire, which intelligently analyzes the alignment point with the least loss to minimize the fiber fusion loss.



Optical fiber on the left which is stable optical signal link



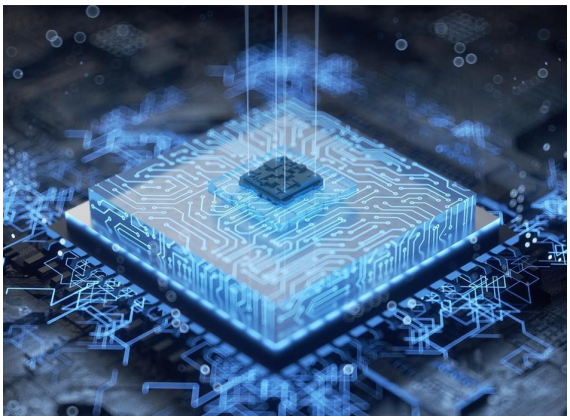
Optical Fiber on the right with fast connector which has pluged to OPM Port

5-inch color touchscreen

Intuitive operation, easily accessible with just one touch

11 languages to switch freely

Chinese English French Russian Italian Ukrainian Portuguese Polish Spanish Thai Arabic



Industrial-grade CPU

1 second startup

Sensitive response/Smooth experience

Equipped with signal fire stripper

A **GOOD**
STRIPPER
NINE
FUNCTIONS

- kevlar scissors
- Three-port Miller stripper
- 5G FTTH Drop cable
- Both regular FTTH Drop cable
- FTTH Drop cable steel wire pliers
- Rotary ruler
- Cleaning cotton

7800mAh lithium battery

Dual charging path

In full state, 240 cores can be continuously fused and heated

Charging channel ①
Input voltage :13.5±0.5V
Input current :4.8A

Power indicator light

Charge indicator light
Indicator light turns off when fully charged

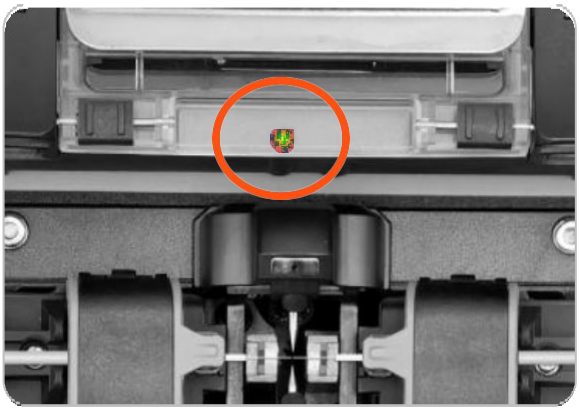
Press to check the power level

Press to popup the battery
Press the button and the battery will pop up slightly Can charge the battery separately

Charging channel ②

Charging time ≤3.5 hours

Activate preheating function in winter

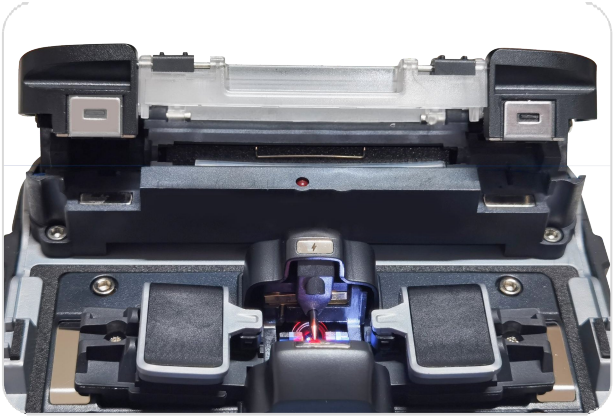


The fiber fusion is successful. At the same time as opening the windproof cover, the heating tank automatically starts preheating for 6 seconds.

Heating part compatible with SC fiber

SC Fiber: Push up
Ordinary fiber: Push down

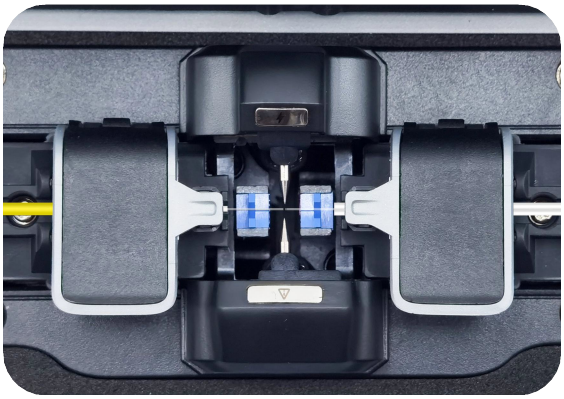
Heating part automatic lid closing



Cooling rack Expandable and closable

Dust prevention/fall prevention/shock prevention

3 in 1 fiber holder



Outdoor fiber splicing Compact and portable

Exported to nearly 100 countries and regions worldwide

Get unanimous praise from customers!

Basic parameter

Fiber alignment	Core/cladding ; Real-time luminous flux assisted alignment（Only applicable to environments with stable optical signal link from front）
Motor number	6 motors **Accurate of fiber alignment :0.1μm**
Splicing time	6s
Heating mode	15s， can be customized according to the external environment
Fiber type	Single-mode fiber (SMF/G.652), multimode fiber (MMF/G.651), dispersion-shifted fiber (DSF/G.653), G.654 fiber, non-zero dispersion-shifted fiber (NZ-DSF/G.655), and bend-insensitive fiber (BIF/G.657); suitable for splicing bare fiber, pigtail, drop fiber, patch cord, and invisible fiber.
The cladding diameter	80-150μm
Splicing loss	0.02dB（SM）、0.01dB（MM）0.04dB（DS/NZDS）
Splicing mode	Automatic focusing core alignment, conventional/high precision splicing
Splicing way	Automatic, semi-automatic,manually
Fiber cleaver	High precision delay return electric one-step fiber cleaver
Fiber holder	Three in one fixture, no need to change, suitable for single/multi-mode, multi-core cable/bare fiber, tail fiber, jumper fiber,drop cable
VFL	The machine comes with power: 15mW, 2Hz flashing and steady on mode
OPM	Wavelength: 850nm、1300nm、1310nm、1490nm、1550nm、1625nm、980nm、1270nm、1577nm、1650nm/Measurement range: -50+30dbm Absolute error: <0.3dB (-50dbm ~+3dBm range)
Fusion splicer languages	11 languages（chinese、Russian、english、French、Italian、Ukrainian、Thai、Portuguese、Spanish、Arabic、polish）
Battery capacity	7800mAh large capacity lithium battery charging time ≤3.5 hours; It can continuously weld and heat about 240 cores
Magnification	320x (X or Y axis single display)， 200x (x and Y axis dual display)
Fiber diameter	Coating diameter: 80-150μm/Coating diameter: 100-1000μm
Cutting length	Coating layer 250μm below: 8-16mm/coating layer 250-1000μm: 16mm
Heat shrink tube	60mm、50mm、40mm、25mm
Tensile testing	standard 2N
display	5-inch color touchscreen
Boot time	1s, boot can enter the working mode
Data is stored	Unlimited, machine storage 1000 groups, the excess part can be stored in the server, can export data.
Wireless communication	Based on bluetooth 4.2 protocol standard, the working band is 2.4GHz, the maximum transmission range is 60m
Software upgrade	Mobile phone APP Internet update, enable Bluetooth synchronization upgrade machine software
Management function	The equipment owner can be bound as the highest authority, and can remotely view the splicing records, splicing time, loss, etc. through the mobile phone APP. The number of splicing times or working time of the equipment can be set. The manager can effectively manage a single or multiple equipment.
Return loss	Better than 60 db
Product protection	Waterproof, dustproof and fall proof
Power supply	Input AC100-240V 50/60Hz, output DC13.5V/4.8A, the current power mode can be identified, real-time monitoring of the current battery level
The work environment	Temperature: -15 ~ +50℃, humidity: < 95%RH (no condensation), working altitude: 0 ~ 5000m, maximum wind speed: ≤15m/s

Accessories in the tool box

❶ Toolcase ❷ Fusion splicer ❸ Spare electrode ❹ signal fire stripper
(Including a bag of cleaning cotton)

❺ Alcohol bottle ❻ Cleaver cleaning cotton swab ❼ Allen wrench ❽ Brush

❾ Climbing combination hanging chain ❿ Toolbox strap ⓫ Belt ⓬ Power adapter

⓭ User's manual / Quality Certificate / Warranty Card / Fiber for ARC

Size and weight

Machine size

165mm x 255mm x 185mm

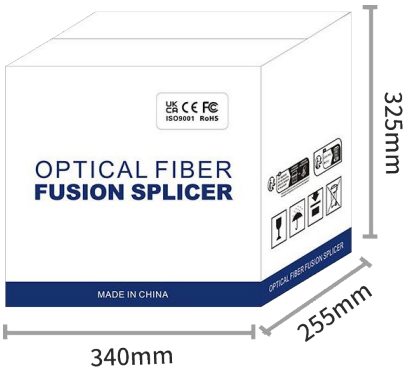
Machine weight

3.09kg

Toolbox size

165mm x 255mm x 230mm

Weight of toolbox (complete set) 4.50kg



Total size

340mm x 255mm x325mm

Total weight

5.50kg

SERVICE COMMITMENT

One years warranty, but these circumstances are not within the scope of this provision.

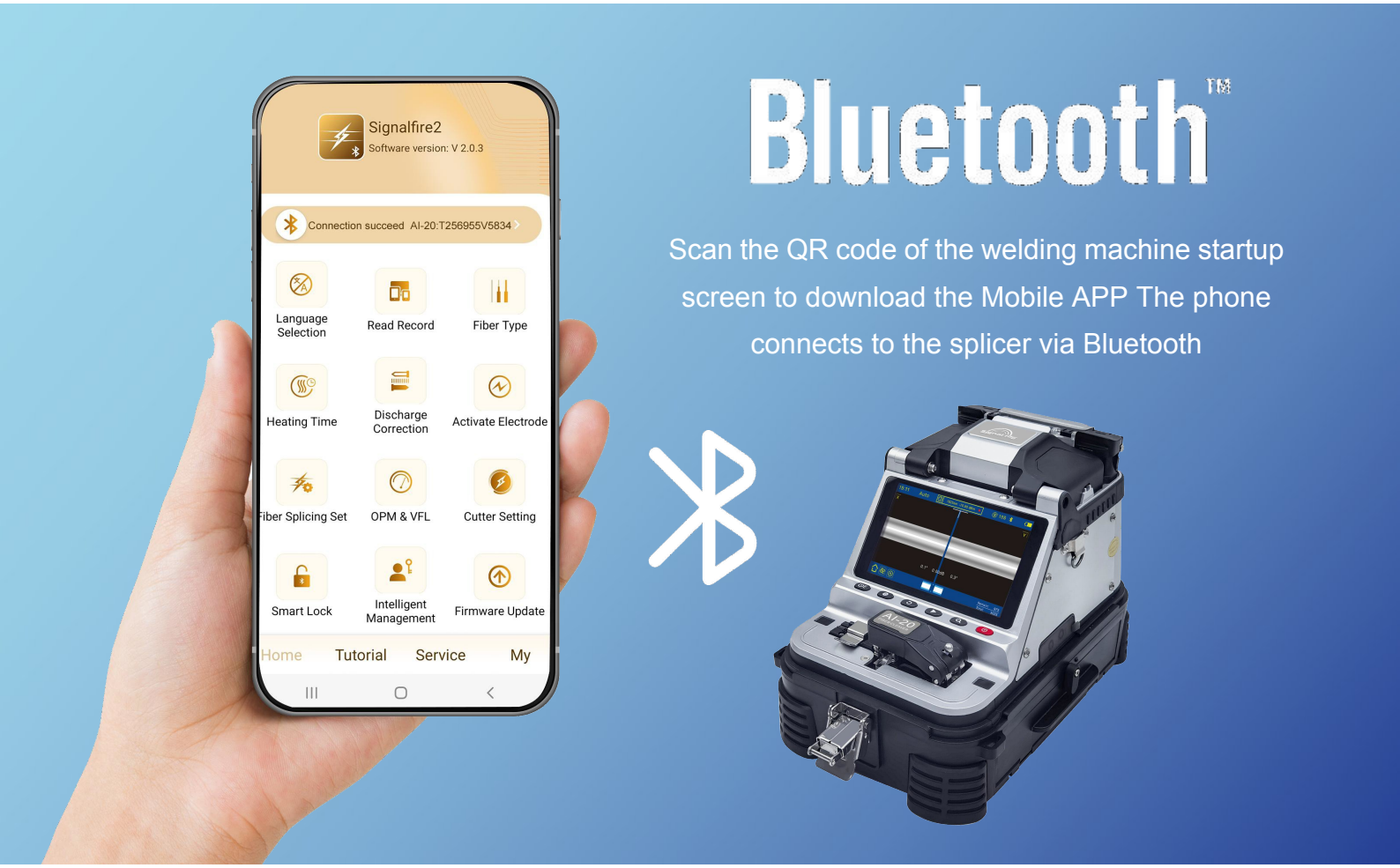
01. Except for the cleaver,Signal fire stripper,fiber holders and other tools whose life depends on the frequency of use and the use of the environment. Also electrodes are consumption material which are not in the warranty.

02. Battery and power adapter are warranty for six months.

03. Electrodes are consumables, the service life of each pair of electrode is 4000 times.

Support bluetooth
Bluetooth connection

Intelligent interaction, avoid tedious



- Welding record can be read through mobile phone, and the data can be exported;
- You can set the parameters of the welding machine, such as selecting the machine language, changing the heating time, selecting the fiber optic alignment mode, etc;
- You can manage the welding machine, such as setting the use time of the machine, welding times, etc;
- Upgrade the phone APP, bluetooth connected to the machine to upgrade the machine software;

Signal Fire Technology Co., Ltd. is a high-tech joint-stock enterprise specializing in the research and development, production, and sales of communication equipment, with a registered capital of 10 million. It is a national high-tech enterprise. Our main products include fiber optic fusion splicers, electric fiber cleaver, OTDR (Optical Time Domain Reflectometer), and 9-in-1 optical fiber stripper. They are widely used in the construction, maintenance, emergency repair, security monitoring, and research and teaching of optical cable lines in telecommunications, mobile, China Unicom, radio and television operators, post and telecommunications, railway, engineering companies, and public institutions.

The factory is located in Chengdu High tech International Enterprise Port, with a modern production factory and standardized office buildings. We have passed the ISO9001 international quality management system certification, and our products have passed the EU CE, ROHS.International certifications such as FCC in the United States and UKCA in the United Kingdom have been passed by the National Institute of Quality Supervision and Inspection, China Academy of Information and Communications Technology.

SIGNAL FIRE

The qualified testing of Taier Laboratory has obtained nearly a hundred domestic and international patents at the same time. The "Signal Fire" series products have been sold to over 100 countries and regions including North America, South America, Europe, Africa, and Asia, and have received unanimous praise from customers.

Product testing certificate

Signal Fire Technology Co., Ltd. has passed the ISO9001 international quality management system certification. The product has passed international certifications such as the CE, RoHS, the United States FCC, and UKCA in the United Kingdom, and passed the qualified test through National Quality Supervision Institute, China Xintong Institute, and Tel Laboratory. At the same time, we obtained nearly 100 patents.

CERTIFICATE

Anbotek Product Safety

CERTIFICATE
Of Conformity
Directive 2014/53/EU
On The Radio Equipment Directive

Certificate No.: AT18220WC202819
Certificate Holder: SIGNAL FIRE TECHNOLOGY CO., LTD.
Address: Building 18, Chengdu Hi-Tech International Enterprise Park. Liando U Valley,1111 Changsheng Bridge,Pidu District, Chengdu China
Manufacturer: SIGNAL FIRE TECHNOLOGY CO., LTD.
Address: Building 18, Chengdu Hi-Tech International Enterprise Park. Liando U Valley,1111 Changsheng Bridge,Pidu District, Chengdu China
Product Name: OPTICAL FIBER FUSION SPLICER
Model No.: AI-9, AI-6C, AI-6V, AI-7C, AI-8C, AI-8X, AI-7V, AI-X, S9
Trade Mark: Signal fire
Rating: Input: 13.5V/4.8A DC (with DC 11V, 7800mAh Battery inside)

The radio equipment meets the following essential requirements		Complied
Article 3(1)(a) ■ Safety	EN IEC 62368-1:2020+A11:2020	Yes
Article 3(1)(a) ■ Health	EN 50663: 2017; EN 62479: 2010	Yes
Article 3(1)(b) ■ EMC	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.2.4 (2020-09)	Yes
Article 3(2) ■ Radio	ETSI EN 300 328 V2.2.2 (2019-07)	Yes

Note: The attached Annex forms part of this certificate which consists of 2 pages.

Certified by
Jan. 03, 2023 Date
Kingkong Jin

CE The CE Marking may only be used if all relevant and effective EU Directives are complied with CE

Shenzhen Anbotek Compliance Laboratory Limited
1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518128
Tel: (86)755-26066440 Fax: (86)755-26014772
Http://www.anbotek.com Email: service@anbotek.com

CE

CERTIFICATE

Anbotek Product Safety

CERTIFICATE
Of Conformity
Radio Equipment Regulations 2017
(SI 2017 No. 1206)

Certificate No.: AT18220WC202820
Certificate Holder: SIGNAL FIRE TECHNOLOGY CO., LTD.
Address: Building 18, Chengdu Hi-Tech International Enterprise Park. Liando U Valley,1111 Changsheng Bridge,Pidu District, Chengdu China
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CHAPTER 1General(1)(a) ■ Safety	BS EN IEC 62368-1:2020+A11:2020	Yes
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CHAPTER 1General(1)(b) ■ EMC	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.2.4 (2020-09)	Yes
CHAPTER 1General(2) ■ Radio	ETSI EN 300 328 V2.2.2 (2019-07)	Yes

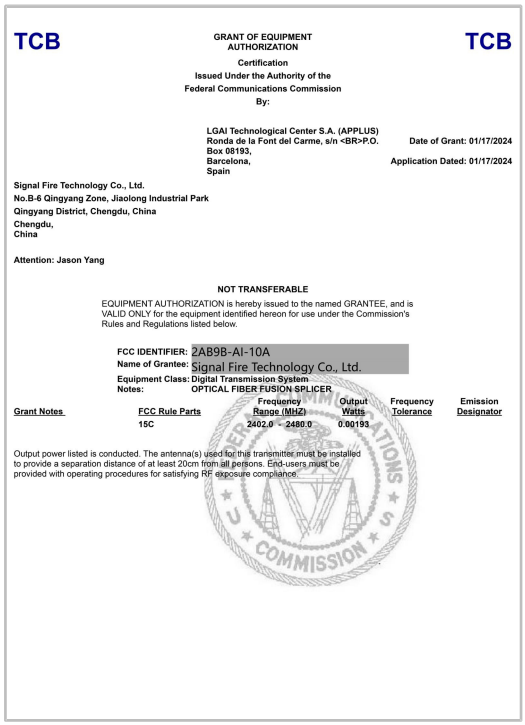
Note: The attached Annex forms part of this certificate which consists of 2 pages.

Certified by
Jan. 03, 2023 Date
Kingkong Jin

UKCA The UKCA Marking may only be used if all relevant and effective UK Regulations are complied with UKCA

Shenzhen Anbotek Compliance Laboratory Limited
1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518128
Tel: (86)755-26066440 Fax: (86)755-26014772
Http://www.anbotek.com Email: service@anbotek.com

UKCA



TCB GRANT OF EQUIPMENT AUTHORIZATION TCB

Certification
Issued Under the Authority of the
Federal Communications Commission
By:

LGAI Technological Center S.A. (APPLUS)
Ronda de la Font del Carme, s/n
P.O. Box 08193,
Barcelona,
Spain

Date of Grant: 01/17/2024
Application Dated: 01/17/2024

Signal Fire Technology Co., Ltd.
No.B-6 Qingyang Zone, Jiaolong Industrial Park
Qingyang District, Chengdu, China
Chengdu,
China

Attention: Jason Yang

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: 2AB9B-AI-10A
Name of Grantee: Signal Fire Technology Co., Ltd.
Equipment Class: Digital Transmission System
Notes: OPTICAL FIBER FUSION SPLICER

Grant Notes	FCC Rule Parts	Frequency Range (MHz)	Output Watts	Frequency Tolerance	Emission Designator
	15C	2402.0 - 2480.0	0.00193		

Output power listed is conducted. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons. End-users must be provided with operating procedures for satisfying RF exposure compliance.

FCC

EACC

QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 11423Q45347R2M

This is to certify that the Quality Management System of

SIGNAL FIRE TECHNOLOGY CO., LTD.

Unified Social Credit Code: 91510100072411028D

Registered Address: No. 1111 Changsheng Bridge, Hongguang Town, Small and Micro Enterprise Innovation Park, North Area of Chengdu Modern Industrial Port, Pidu District, Chengdu
Production/Office Address: Building 18, Chengdu High-tech International Enterprise Port, Liando U Valley, No.1111 Changsheng Bridge Road, Pidu District, Chengdu City, Sichuan Province, China

Has been audited to conform to the following Quality Management System standard

GB/T19001-2016/ISO9001:2015

The Applicable Scope

The production of optical fiber fusion splicer

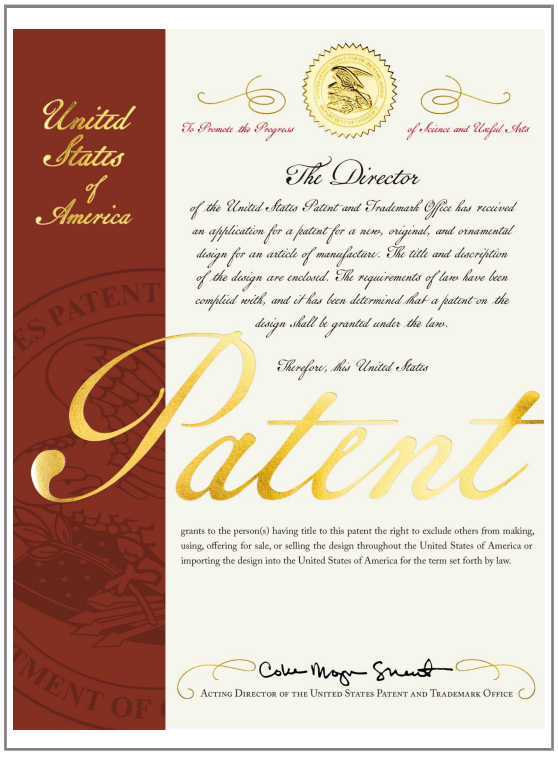
Date of initial issuance: Aug. 22, 2017
Date of issuance: Jul. 11, 2023
Date of expiry: Jul. 20, 2026

Issued by: Beijing East Allreach Certification Center Co., Ltd.

EACC IAF CNAS MANAGEMENT SYSTEM CNAS C114-M

ISO9001

International Patent



United States of America

To Promote the Progress of Science and Useful Arts

The Director

of the United States Patent and Trademark Office has received an application for a patent for a new, original, and ornamental design for an article of manufacture. The title and description of the design are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the design shall be granted under the law.

Therefore, this United States

Patent

grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the design throughout the United States of America or importing the design into the United States of America for the term set forth by law.

Acting Director of the United States Patent and Trademark Office

US Design Patent Certificate

Europäisches Patentamt
European Patent Office
Office européen des brevets

EUROPÄISCHES PATENT | EUROPEAN PATENT
BREVET EUROPÉEN

Hiermit wird bescheinigt, dass für die in der Patentschrift beschriebene Erfindung ein europäisches Patent für die in der Patentschrift bezeichneten Vertragsstaaten erteilt worden ist.

It is hereby certified that a European patent has been granted in respect of the invention described in the patent specification for the Contracting States designated in the specification.

Il est certifié par la présente qu'un brevet européen a été délivré pour l'invention décrite dans le fascicule de brevet, pour les États contractants désignés dans le fascicule.

Europäisches Patent Nr. / European patent No. / Brevet européen n° — Tag der Bekanntmachung des Hinweises auf die Erteilung des europäischen Patents / Date of publication of the mention of the grant of the European patent / Date de la publication de la mention de la délivrance du brevet européen

EP4024101 — 14.08.2024

OPTICAL FIBER FUSION SPLICER

Patentinhaber | Proprietor(s) of the patent | Titulaire(s) du brevet

Signal Fire Technology Co., Ltd.
No.B-6 Qingyang Zone
Jiaolong Industrial Park
Qingyang District
Chengdu, Sichuan 610015
CN

António Campinos

Président des Europäischen Patentamts | President of the European Patent Office | Président de l'Office européen des brevets

München, den | Munich, | Munich, le 14.08.2024

URKUNDE | CERTIFICATE | CERTIFICAT

EPA/EPO/OEB 2001-10.22

European PCT Patent

Europäisches Patentamt
European Patent Office
Office européen des brevets

European Patent Office
80298 MUNICH
GERMANY

Questions about this communication?
Contact Customer Services at www.epo.org/contact

Lermer, Christoph
Nove Haus - Design Offices
Luise-Ullrich-Straße 14
80636 München
ALLEMAGNE

Date	03.09.2024
Reference: P9499EUEP	Application No./Patent No.: 19945932.2 / 4024101
Proprietor: Signal Fire Technology Co., Ltd.	

European patent with unitary effect

Communication of the date of registration of unitary effect pursuant to Rule 7(1) UPR

The request for unitary effect received at the EPO on 21.08.24 meets the requirements of Rules 5(2) and 6 UPR.

The unitary effect of European patent No. EP4024101 was registered in the Register for unitary patent protection on 03.09.24.

Date of effect
Under Article 4(1) Regulation (EU) No 1257/2012, the European patent with unitary effect takes effect in the participating Member States on the date of publication of the mention of the grant of the above European patent in the European Patent Bulletin, i.e. on 14.08.24.

Territorial scope
Pursuant to Article 18(2) Regulation (EU) No 1257/2012, by way of derogation from Articles 3(1), 3(2) and 4(1), a European patent for which unitary effect is registered has unitary effect only in those participating Member States in which the Unified Patent Court has exclusive jurisdiction with regard to European patents with unitary effect at the date of registration. For the above European patent with unitary effect, the participating Member States at the date of registration are:

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT RO SE SI

For proprietor(s): Signal Fire Technology Co., Ltd.
No.B-6 Qingyang Zone
Jiaolong Industrial Park
Qingyang District
Chengdu, Sichuan 610015
CN

Represented by: Lermer, Christoph
Nove Haus - Design Offices
Luise-Ullrich-Straße 14
80636 München
DE

The registration will be published in the European Patent Bulletin under Section IV.2(1).

Registered Letter
EPO Form 7030 01.22 — page 1 of 2

European Unified Patent

Registered / Eingetragen 17/03/2023

No 015014933-0001

EUROPEAN UNION INTELLECTUAL PROPERTY OFFICE
CERTIFICATE OF REGISTRATION

This Certificate of Registration is hereby issued for the Registered Community Design identified below. The corresponding entries have been recorded in the Register of Community Designs.

AMT DER EUROPÄISCHEN UNION FÜR GEISTIGES EIGENTUM
EINTRAGUNGSURKUNDE

Diese Eintragungsurkunde wird für das unten genannte eingetragene Gemeinschaftsgeschmacksmuster ausgestellt. Die entsprechenden Einträge sind in das Register für Gemeinschaftsgeschmacksmuster aufgenommen worden.

The Executive Director / Der Exekutivdirektor
Christian Archambeau

www.euipo.europa.eu

EU design patent

International trademark

United States of America
United States Patent and Trademark Office

Signal fire

Reg. No. 7,197,549
Registered Oct. 17, 2023
Int. Cl.: 7
Trademark
Principal Register

Signal Fire Technology Co.,Ltd. (CHINA limited company (ltd.))
No.1111,Changsheng Bridge,Hongguang Town
Small and Micro Enterprise Innovation
Park,Pidu Dist,Chengdu, CHINA 611730

CLASS 7: Cutting machines; Electric arc cutting apparatus; Electric arc welding apparatus; Electric scissors; Electric shearing machines; Electric welding machines; Electrodes for welding machines; Gear cutting and finishing machines; Knives, electric; Soldering apparatus, electric

FIRST USE 6-15-2014; IN COMMERCE 6-15-2014

The mark consists of the stylized wording "Signal fire" with a rainbow bridge above the stylized letters "signal fi".

SER. NO. 97-339,851, FILED 03-31-2022

Katherine Kelly Vidal
Director of the United States
Patent and Trademark Office

U.S. Trademark

Registered / Eingetragen 04/12/2023
No 018680238

EUIPO
EUROPEAN UNION INTELLECTUAL PROPERTY OFFICE

EUROPEAN UNION INTELLECTUAL PROPERTY OFFICE
CERTIFICATE OF REGISTRATION

This Certificate of Registration is hereby issued for the European Union trade mark detailed below. The corresponding entries have been recorded in the Register of European Union trade marks.

Signal fire

The Executive Director / Der Exekutivdirektor
João Negrão

AMT DER EUROPÄISCHEN UNION FÜR GEISTIGES EIGENTUM
EINTRAGUNGSURKUNDE

Diese Eintragungsurkunde wird für die unten angeführte Unionsmarke ausgestellt. Die entsprechenden Angaben sind in das Register der Unionsmarken eingetragen worden.

www.euipo.europa.eu

EU trademark

Australian Government
IP Australia

CERTIFICATE OF REGISTRATION
TRADE MARK

Trade mark number: 2341304

The Registrar of Trade Marks has registered the trade mark represented on this certificate on 23 October 2023 and certifies that the following particulars have been entered in the Register of Trade Marks.

Name and address of owner(s):

Signal Fire Technology Co., Ltd. of No.1111,Changsheng Bridge,Hongguang Town, Small and Micro Enterprise Innovation Park, Pidu Dist.,Chengdu, Sichuan, 611730 China

The trade mark is registered in the following class(es):

7

Date of filing: 13 March 2023

Registered from: 13 March 2023

Registration expires on*: 13 March 2033

Representation:

Signal fire

Goods and/or services, and other information relating to the registration of this trade mark are listed on the following pages.

Dated this 23rd day of October 2023

Registrar of Trade Marks

COMMONWEALTH OF AUSTRALIA
TRADE MARK OFFICE

TRADE MARKS ACT 1995
The Australian Trade Marks Register is the official record and should be referred to for the full details pertaining to this IP Right

Australian trademark

РОССИЙСКАЯ ФЕДЕРАЦИЯ

СВИДЕТЕЛЬСТВО
на товарный знак (знак обслуживания)
№ 991737

Signal fire

Правообладатель: *Сигнал Файер Текнолоджи Ко. Лтд., №1111, Чангшенг Бридж, Хонгуанг Таун, Смол энд Микро Интерпрайз Инновейшн Парк, Пиду Дистрикт, Чэнду, Сычуань, Китай (CN)*

Заявка № **2023720455**
Приоритет товарного знака **16 марта 2023 г.**
Зарегистрировано в Государственном реестре товарных знаков и знаков обслуживания Российской Федерации ***11 января 2024 г.***
Срок действия регистрации истекает ***16 марта 2033 г.***

Руководитель Федеральной службы по интеллектуальной собственности

Ю.С. Зубов

Russian trademark

International trademark

व्यापार चिन्ह रजिस्ट्री, भारत सरकार Trade Marks Registry, Government Of India

व्यापार चिन्ह अधिनियम, 1999 Trade Marks Act, 1999

व्यापार चिन्ह के रजिस्ट्रीकरण का प्रमाणपत्र | Certificate of Registration of Trade Mark

(धारा 23 (2), नियम 56 (1)) | Section 23 (2), Rule 56 (1)

व्यापार चिन्ह संख्या / Trade Mark No. : 6001994

दिनांक / Date : 6/30/2023

ज. संख्या / J. No. : 2128

Certified that Trade Mark / a representation is annexed hereto, has been registered in the name(s) of :- SIGNAL FIRE TECHNOLOGY CO., LTD., No.1111,Changsheng Bridge,Hongguang Town,Small and Micro Enterprise Innovation Park,Pidu Dist.,Chengdu,Sichuan, 611730,China, limited liability company incorporated under the laws of China, (Body Incorporate)

In Class 7 Under No. 6001994 as of the date 30 June 2023 in respect of

Goods and service as annexed

Trade Mark as annexed

Sealed at my direction, this 16th day of April , 2024

व्यापार चिन्ह रजिस्ट्री मुंबई
Trade Marks Registry MUMBAI

व्यापार चिन्ह रजिस्ट्रार
Registrar of Trademarks

Indian trademark

IMPI TITULO DE REGISTRO DE MARCA

Registro 2626011

SIGNAL FIRE

EXPEDIENTE: 2972929

FECHA DE PRESENTACIÓN: 28/Junio/2023 6:19:14 PM

FECHA DE VIGENCIA: 15/Noviembre/2033

TITULAR: SIGNAL FIRE TECHNOLOGY CO., LTD.

DOMICILIO DEL TITULAR: CHANGSHENG BRIDGE, HONGGUANG TOWN NUM. EXT. 1111, HONGGUANG TOWN, SMALL AND MICRO ENTERPRISE INNOVATION PARK, PIDU ----continúa----

CLASE: 7

SE APLICA A: RECORTADORAS; TUNDIDORAS [MÁQUINAS]; ACABADORAS [MÁQUINAS] CUCHILLOS ELÉCTRICOS; HERRAMIENTAS DE MANO QUE NO SEAN ACCIONADAS MANUALMENTE; APARATOS DE SOLDADURA POR ARCO ELÉCTRICO; APARATOS DE CORTE; POR ARCO ELÉCTRICO; SOLDADORES ELÉCTRICOS; ELECTRODOS PARA SOLDADORAS; APARATOS DE SOLDADURA ELÉCTRICA.

TOTAL DE VIENA 6

CODIGOS DE VIENA 26.11.3, 26.11.22, 27.5.5, 27.5.7, 27.5.17, 27.5.21

La impresión del signo distintivo en este título, puede presentar variaciones en el tono de los colores respecto al presentado en la solicitud de registro.

El registro de referencia se otorga con fundamento en los artículos 1, 2, fracción I, 5, fracción I, 230 y 231 de la Ley Federal de Protección a la Propiedad Industrial.

De conformidad con el artículo 178 de la Ley Federal de Protección a la Propiedad Industrial, el presente registro tiene una vigencia de diez años contados a partir de la fecha de su otorgamiento y podrá renovarse por períodos de la misma duración, en términos de lo establecido en los artículos 235 y 237 del mismo Ordenamiento Legal.

Quién suscribe el presente título lo hace con fundamento en los artículos PRIMERO y CUARTO TRANSITORIOS, 2, fracción I, 5, fracción I, 9, 10, 17, 18 y 21 de la Ley Federal de Protección a la Propiedad Industrial; 3, 4, 5 BIS, 13, 14 y 15 del Reglamento de la Ley de la Propiedad Industrial 1, 3, fracción V, inciso b), subinciso i), primero y segundo guion, subinciso ii), primero y segundo guion, subinciso iii), primero, segundo y tercer guion, subinciso iv), primero y segundo guion, según corresponda, 4, 5, 11, fracción II y último párrafo, así como 13, fracción III del Reglamento del Instituto Mexicano de la Propiedad Industrial; 1, 3, 4, 5, fracción V, inciso b), subinciso i), primero y segundo guion, subinciso ii), primero y segundo guion, subinciso iii), primero, segundo y tercer guion, subinciso iv), primero y segundo guion, según corresponda, 15, fracción II, así como último párrafo, 17, fracción III, 28, 29 y 31 del Estatuto Orgánico de este Instituto y PRIMERO TRANSITORIO, I, 3 y 6, fracción I, así como párrafos antepenúltimo y penúltimo del Acuerdo Delegatorio de Facultades del Instituto Mexicano de la Propiedad Industrial.

Los Ordenamientos Legales antes citados, así como sus respectivos Decretos, Acuerdos, Aclaraciones y Notas Aclaratorias que los reformaron, adicionaron o derogaron, según corresponda, fueron debidamente publicados en el Diario Oficial de la Federación, precisando que los mismos se encuentran vigentes a la fecha de emisión del presente título.

El presente documento electrónico ha sido firmado mediante el uso de la firma electrónica avanzada por el servidor público competente, amparada por un certificado digital vigente a la fecha de su elaboración, y es válido de conformidad con lo dispuesto en los artículos 7 y 9, fracción I de la Ley de Firma Electrónica Avanzada; 12 de su Reglamento, así como 69-C de la Ley Federal de Procedimiento Administrativo.

CIUDAD DE MÉXICO, A 15 DE NOVIEMBRE DE 2023

COORDINADOR DEPARTAMENTAL DE RECEPCION Y CONTROL DE DOCUMENTOS

ECONOMÍA

2023177629

1 de 2

LIC. LUIS ENRIQUE CASTAÑEDA ESTRADA

Mexican trademark

TRADE MARKS REGISTRY

Trade Marks Act 1994 of

REGISTRATION CERTIFICATE

Great Britain and Northern Ireland

I certify that the mark shown below has been registered under No. UK00003888005 effective as of the date 13/03/2023 and has been entered in the register on 12/01/2024

Signed this day at my direction

Adam Williams

REGISTRAR

Representation of Mark

Signal fire

The mark has been registered in respect of:

Class 7:

Cutting machines;Clippers [machines];Splicing machines;Knives, electric;Hand-held tools, other than hand-operated;Electric arc welding apparatus;Electric arc cutting

Intellectual Property Office is an operating name of the Patent Office

UK trademark

EUROPEAN UNION INTELLECTUAL PROPERTY OFFICE

CERTIFICATE OF REGISTRATION

This Certificate of Registration is hereby issued for the European Union trade mark identified below. The corresponding entries have been recorded in the Register of European Union trade marks.

AMT DER EUROPÄISCHEN UNION FÜR GEISTIGES EIGENTUM

EINTRAGUNGSURKUNDE

Diese Eintragungsurkunde wird für die unten angegebene Unionsmarke ausgestellt. Die betreffenden Angaben sind in das Register der Unionsmarken eingetragen worden.

www.euipo.europa.eu

ZHUØSHI

No 018802832

Registered / Eingetragen 21/04/2023

The Executive Director / Der Exekutivdirektor

Christian Archambeau

EU Registration Certificate