

Specification

Works Transmitting Process and System

Technical Field

5 The invention relates to the filed of communication technology, particularly to a type of works transmitting process and system.

Background Art

10 With the development of economy and technology, various works in all walks of life such as literary works, film and television works, artistic and architectural works, photography works, software works emerge in endlessly. Currently, when the works are produced, the creator of works can transmit the works to the grantee (the user authorized by the creator to legally make use of the works) for his/her utilization.

15 However, in the realization of invention, the inventor finds that current technology has at least the following problem:

 In transmission of works by current technology, the creator transmits the works directly, the works will be easily acquired by a third party for copied utilization or illegal transmission, thus the transmission of works has no safety.

20 Summary of the Invention

 To solve the problem in current technology, the embodiments of this invention provide a type of works transmitting process and system. Below is the said technical proposal:

 In one aspect, a type of works transmitting process is provided, comprising:

25 Works transmitting terminal exchanges secret key with works receiving terminal through FingerQ Platform;

 Said works transmitting terminal transmits works to said FingerQ Platform, which encrypts the works, acquires and transmits decrypted works to said works receiving terminal.

In a further aspect, a type of works transmitting system is provided, comprising: works transmitting terminal and FingerQ Platform, connection between said transmitting terminal and said FingerQ Platform;

Wherein, said transmitting terminal comprises:

5 Transmitting terminal secret key exchange device is used to exchange secret key with works receiving terminal through said FingerQ Platform;

Works transmitter, connecting to said transmitting terminal secret key exchange device, is used to transmit the works to said FingerQ Platform after said transmitting terminal secret key exchange device has exchanged secret key with works receiving
10 terminal through said FingerQ Platform;

Wherein, said FingerQ Platform comprises:

Works receiver connecting to said works transmitter is used to receive the works transmitted by said works transmitter;

Works processor connecting to said works receiver is used to encrypt the works
15 received by said works receiver, acquire and transmit encrypted works to said works receiving terminal.

The beneficial effects brought by technical proposal of this invention's embodiments comprise:

Works transmitting terminal exchanges secret key with works receiving terminal
20 through FingerQ Platform, which encrypts the works at works transmitting terminal and transmits encrypted works to works receiving terminal, so that the works will not easily be acquired by a third party; moreover acquired works is encrypted that the works can be well protected with high degree of safety.

25 **Description of the Drawings**

In order to illustrate more clearly technical proposal of this invention's embodiments, below is a simple description of the drawings to be used in the embodiments. Obviously, the drawings in the description below are only some
30 contributing creative labour, they are able to acquire other drawings on the basis of

these drawings.

Figure 1 is a flowchart of works transmitting process provided by Embodiment 1 of this invention;

5 Figure 2 is a flowchart of works transmitting process provided by Embodiment 2 of this invention;

Figure 3 is a schematic view of the first type of works transmitting system provided by Embodiment 3 of this invention;

Figure 4 is a schematic view of the second type of works transmitting system provided by Embodiment 3 of this invention;

10 Figure 5 is a schematic view of the third type of works transmitting system provided by Embodiment 3 of this invention;

Figure 6 is a schematic view of the fourth type of works transmitting system provided by Embodiment 3 of this invention;

15 Figure 7 is a schematic view of the fifth type of works transmitting system provided by Embodiment 3 of this invention.

Detailed Description of the Preferred Embodiments

20 To make clearer the purpose, technical proposal and advantages of the invention, below is a more detailed description of this invention in combination with the accompanying figures and embodiments.

Embodiment 1

As shown in Figure 1, Embodiment 1 of this invention provides a type of works transmitting process, comprising:

25 101: Works transmitting terminal exchanges secret key with works receiving terminal through FingerQ Platform.

102: Works transmitting terminal transmits the works to FingerQ Platform, which encrypts the works, acquires and transmits encrypted works to works receiving terminal.

30 Preferably, works transmitting terminal exchanges secret key with works receiving terminal through FingerQ Platform, comprising:

Works transmitting terminal extracts user's fingerprint information corresponding to works transmitting terminal, acquires fingerprinting public key and fingerprinting private key of works transmitting terminal according to user's fingerprint information corresponding to works transmitting terminal;

5 Through FingerQ Platform, works transmitting terminal transmits to works receiving terminal secret key exchange request and fingerprinting public key of works transmitting terminal;

Works transmitting terminal receives confirmation message of secret key exchange transmitted by works receiving terminal through FingerQ Platform and
10 fingerprinting public key of works receiving terminal.

Preferably, works transmitting terminal transmits the works to FingerQ Platform, which encrypts the works, acquires and transmits encrypted works to works receiving terminal:

Works transmitting terminal transmits the works to FingerQ Platform, which
15 makes use of fingerprinting public key of works receiving terminal to encrypt the works, acquires and transmits the works with public key encryption to works receiving terminal.

Preferably, works transmitting terminal transmits the works to FingerQ Platform, which makes use of fingerprinting public key of works receiving terminal to encrypt
20 the works, acquires and transmits the works with public key encryption to works receiving terminal, comprising:

Works transmitting terminal makes use of fingerprinting private key of works transmitting terminal to encrypt the works, acquires the works with private key encryption;

25 Works transmitting terminal transmits the works with private key encryption to FingerQ Platform, which makes use of public key of works receiving terminal to encrypt the works with private key encryption, acquires the works with public and private key encryption and transmits the works to works receiving terminal.

Preferably, FingerQ Platform encrypts the works, acquires and transmits
30 encrypted works to works receiving terminal, also comprising:

Works receiving terminal receives and decrypt the works with encryption, acquires and displays decrypted works.

For the said works transmitting process in the embodiment of this invention, works transmitting terminal exchanges secret key with works receiving terminal through FingerQ Platform, which encrypts the works at works transmitting terminal and transmits encrypted works to works receiving terminal, so that the works will not easily be acquired by a third party; moreover acquired works is encrypted that the works can be well protected with high degree of safety.

It needs to be noted that, the said works transmitting process in the embodiment of this invention can be applied in terminals such as computer, and also in mobile terminals such as mobile phone, which prescribes no limit to this.

Embodiment 2

As shown in Figure 2, Embodiment 2 of this invention provides a type of works transmitting process, comprising:

201: Works transmitting terminal extracts user's fingerprint information corresponding to works transmitting terminal, acquires fingerprinting public key and fingerprinting private key of works transmitting terminal according to user's fingerprint information corresponding to works transmitting terminal.

Wherein, the users corresponding to works transmitting terminal comprise the creator of works and the creator's deputy who have the right of disposition on the works.

Specifically, it is possible to install transmitting terminal fingerprint sensor at works transmitting terminal, which extracts fingerprint information of the user corresponding to works transmitting terminal. In addition, it is possible to install a storer at works transmitting terminal, which stores fingerprint information of the user corresponding to works transmitting terminal, fingerprinting public and private key of works transmitting terminal.

202: Through FingerQ Platform, works transmitting terminal transmits to works receiving terminal secret key exchange request and fingerprinting public key of

works transmitting terminal.

Wherein, the users corresponding to works receiving terminal comprise the grantee of works and the grantee's deputy who have the right of legal utilization of the works.

5 Wherein, FingerQ Platform may be terminals such as computer, mobile terminals such as laptop or the equipment which have relevant functions.

Specifically, works transmitting terminal transmits secret key exchange request and fingerprinting public key of works transmitting terminal to FingerQ Platform, which transmits to works receiving terminal secret key exchange request transmitted
10 by works transmitting terminal and fingerprinting public key of works transmitting terminal.

In addition, specifically, after receiving secret key exchange request transmitted by works transmitting terminal and fingerprinting public key of works transmitting terminal, FingerQ Platform can store fingerprinting public key of works transmitting
15 terminal into corresponding space of FingerQ Platform.

203: Works receiving terminal receives secret key exchange request and fingerprinting public key of works transmitting terminal, verifies whether to execute secret key exchange with works transmitting terminal; if exchange is confirmed, execute 204; otherwise, terminate the process.

20 Specifically, works receiving terminal can store fingerprinting public key at works transmitting terminal into the storer of works receiving terminal.

204: Through FingerQ Platform, works receiving terminal transmits to works transmitting terminal confirmation message of secret key exchange and fingerprinting public key of works receiving terminal.

25 Specifically, works receiving terminal transmits confirmation message of secret key exchange and fingerprinting public key of works receiving terminal to FingerQ Platform, which transmits to works transmitting terminal confirmation message of secret key exchange and fingerprinting public key of works receiving terminal transmitted by works receiving terminal.

30 In addition, specifically, after receiving confirmation message of secret key

exchange transmitted by works receiving terminal and fingerprinting public key of works receiving terminal, FingerQ Platform can store fingerprinting public key of works receiving terminal into corresponding space of FingerQ Platform.

205: Works transmitting terminal receives confirmation message of secret key exchange transmitted by works receiving terminal and fingerprinting public key of works receiving terminal through FingerQ Platform.

Specifically, works transmitting terminal can store fingerprinting public key at works receiving terminal into the storer of works transmitting terminal.

206: Works transmitting terminal makes use of fingerprinting private key at works transmitting terminal to encrypt the works, acquires and transmits the works with private key encryption to FingerQ Platform.

207: FingerQ Platform makes use of fingerprinting public key of works receiving terminal to encrypt the works with private key encryption, acquires and transmits the works with public and private key encryption to works receiving terminal.

Specifically, if fingerprinting public key of works receiving terminal is stored in FingerQ Platform, it is possible to directly read fingerprinting public key of works receiving terminal, make use of fingerprinting public key of works receiving terminal to encrypt the works with private key encryption. If fingerprinting public key of works receiving terminal is stored in FingerQ Platform, it is possible to acquire fingerprinting public key of works receiving terminal directly from works receiving terminal, make use of it to encrypt the works with private key encryption.

208: Works receiving terminal receives the works and decrypt the works with public and private key encryption, acquires and displays decrypted works, then the process terminals.

Wherein, the operation to decrypt the works with public and private key encryption and display decrypted works can be realized either at works receiving terminal or on FingerQ Platform.

When it is realized at works receiving terminal, below are the details: works receiving terminal receives the works with public and private key encryption; works

receiving terminal makes use of private key of works receiving terminal and public key of works transmitting terminal to decrypt the works with public and private key encryption, acquire and display decrypted works.

When it is realized on FingerQ Platform, below are the details: works receiving terminal receives the works with public and private key encryption; works receiving terminal decrypts the works with public and private key encryption through FingerQ Platform, acquires and displays decrypted works on FingerQ Platform. The mode to realize and display decrypted works on FingerQ Platform makes it possible to acquire works only by FingerQ Platform, which can restrict abuse of works after works receiving terminal acquires it and further protect works.

For the said works transmitting process in the embodiment of this invention, works transmitting terminal exchanges secret key with works receiving terminal through FingerQ Platform, which encrypts the works at works transmitting terminal and transmits encrypted works to works receiving terminal, so that the works will not easily be acquired by a third party; moreover acquired works is encrypted that the works can be well protected with high degree of safety.

Embodiment 3

As shown in Figure 3, Embodiment 3 of this invention provides a type of works transmitting system, comprising: works transmitting terminal 30 and FingerQ Platform 40, connection between works transmitting terminal 30 and FingerQ Platform 40;

Wherein, works transmitting terminal 30 comprises:

Transmitting terminal secret key exchange device 301 connecting to FingerQ Platform 40 is used to exchange secret key with works receiving terminal 50 through FingerQ Platform 40;

Works transmitter 302 connecting to transmitting terminal secret key exchange device 301 is used to transmit the works to FingerQ Platform 40 after transmitting terminal secret key exchange device 301 has exchanged secret key with works receiving terminal 50 through FingerQ Platform 40;

Wherein, FingerQ Platform 40 comprises:

Works receiver 401 connecting to works transmitter 302 is used to receive the works transmitted by works transmitter 302;

Works processor 402 connecting to works receiver 401 is used to encrypt the works received by works receiver 401, acquire and transmit encrypted works to works receiving terminal 50.

Preferably, as shown in Figure 4, transmitting terminal secret key exchange device 301 comprises:

Transmitting terminal fingerprint sensor 3011 is used to extract fingerprint information of the user corresponding to works transmitting terminal 30, on the basis of the above fingerprint information, acquire fingerprinting public key and fingerprinting private key of works transmitting terminal 30;

Transmitting terminal secret key transmitter 3012 connecting to transmitting terminal fingerprint sensor 3011 is used to secret key exchange request and fingerprinting public key of works transmitting terminal 30 to FingerQ Platform 40 after transmitting terminal fingerprint sensor 3011 acquires fingerprinting public key and fingerprinting private key of works transmitting terminal 30;

Accordingly, FingerQ Platform 40 also comprises:

Transmitting terminal secret key repeater 403 connecting to transmitting terminal secret key transmitter 3012 is used to receive secret key exchange request transmitted by transmitting terminal secret key transmitter 3012 and fingerprinting public key of works transmitting terminal 30, transmit secret key exchange request transmitted by transmitting terminal secret key transmitter 3012 and fingerprinting public key of works transmitting terminal 30 to works receiving terminal 50;

Receiving terminal secret key repeater 404 connecting to works transmitting terminal 30 is used to receive confirmation message of secret key exchange transmitted by works receiving terminal 50 and fingerprinting public key of works receiving terminal 50, transmit the above information to works transmitting terminal 30;

Accordingly, transmitting terminal secret key exchange device 301 also

comprises:

Transmitting terminal secret key receiver 3013, respectively connecting to works transmitter 302 and receiving terminal secret key repeater 404, is used to receive confirmation message of secret key exchange transmitted by receiving terminal secret key repeater 404 and fingerprinting public key of works receiving terminal 50;

Accordingly, works transmitter 302, specifically connecting to transmitting terminal secret key receiver 3013, is used to transmit the works to FingerQ Platform 40 after transmitting terminal secret key receiver 3013 receives confirmation message of secret key exchange transmitted by receiving terminal secret key repeater 404 and fingerprinting public key of works receiving terminal 50.

Preferably, as shown in Figure 5, works processor 402, also connecting to receiving terminal secret key repeater 404 or transmitting terminal secret key receiver 3013, specifically makes use of fingerprinting public key of works receiving terminal 50 acquired through receiving terminal secret key repeater 404 or transmitting terminal secret key receiver 3013 to encrypt the works, so as to acquire and transmit the works with public key encryption to works receiving terminal 50.

Preferably, as shown in Figure 6, works transmitting terminal 30 also comprises:

Works encipher 303, respectively connecting to works transmitter 302 and transmitting terminal fingerprint sensor 3011, makes use of fingerprinting private key of works transmitting terminal acquired through transmitting terminal fingerprint sensor 3011 to encrypt the works and acquire the works with private key encryption;

Accordingly, works transmitter 302, specifically connecting to works encipher 303, is used to transmit the works with private key encryption acquired through works encipher 303 to FingerQ Platform 40 after transmitting terminal secret key receiver 3013 receives confirmation message of secret key exchange transmitted by receiving terminal secret key repeater 404 and fingerprinting public key of works receiving terminal 50;

Accordingly, works receiver 401 is specifically used to receive the works with private key encryption transmitted by works transmitter 302;

Accordingly, works processor 402 specifically makes use of fingerprinting

public key of works receiving terminal 50 to encrypt the works with private key encryption, so as to acquire and transmit the works with public and private key encryption to works receiving terminal 50.

Preferably, as shown in Figure 7, the system also comprises: works receiving terminal 50, connection between works receiving terminal 50 and FingerQ Platform 40;

Wherein, works receiving terminal 50 comprises:

Receiving terminal processor 501 connecting to works processor 402 is used to receive encrypted works transmitted by works processor 402, decrypt the encrypted works, acquire and display decrypted works.

It needs to be noted that, various types of equipment in the embodiments of this invention are connected in wired mode, wireless mode or other ways, which can be set according to actual conditions of application and should prescribe no limit to this.

For the said works transmitting system in the embodiment of this invention, works transmitting terminal exchanges secret key with works receiving terminal through FingerQ Platform, which encrypts the works at works transmitting terminal and transmits encrypted works to works receiving terminal, so that the works will not easily be acquired by a third party; moreover acquired works is encrypted that the works can be well protected with high degree of safety.

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It needs to be noted that: the works transmitting system provided in above embodiment is only illustrated according to the above division of function modules, but in actual application, it is allowed to achieve the above function distribution by different function modules according to actual needs, i.e. dividing internal structure of equipment into different function modules to achieve all or part of functions described above. In addition, the works transmitting system and works transmitting process provided in the above embodiments belong to the same idea, whose detailed process of realization is in the embodiments, not covered here again.

The serial number of above embodiments of this invention is only for description, not representing merit ranking of the embodiments.

Ordinary technicians in this field can comprehend that all or parts of the steps to realize above embodiments can be achieved through hardware, or be achieved in the way that relevant program instructs relevant hardware, said program can be stored in a type of readable storage medium of computer, which comprises read-only memory,
5 magnetic disk or optical disk, etc.

Described above solely for the purpose of the present invention are preferred embodiments only, not intended to limit the present invention, where any modifications made within the spirit and principle of the present invention, equivalent substitutions, and improvements, etc., should be included in the protection of the
10 invention range.

Claims

1. A type of works transmitting process, characterized in that said process comprises:

5 Works transmitting terminal exchanges secret key with works receiving terminal through FingerQ Platform;

Said works transmitting terminal transmits works to said FingerQ Platform, which encrypts the works, acquires and transmits decrypted works to said works receiving terminal.

10 2. The said process according to Claim 1, characterized in that said works transmitting terminal exchanges secret key with works receiving terminal through FingerQ Platform, comprising:

15 Said works transmitting terminal extracts fingerprint information of the user corresponding to said works transmitting terminal, acquires fingerprinting public key and fingerprinting private key of said works transmitting terminal according to user's fingerprint information corresponding to said works transmitting terminal.

Through FingerQ Platform, said works transmitting terminal transmits to works receiving terminal secret key exchange request and fingerprinting public key of said works transmitting terminal;

20 Through FingerQ Platform, said works transmitting terminal receives confirmation message of secret key exchange and fingerprinting public key of said works transmitting terminal.

25 3. The said process according to Claim 2, characterized in that said works transmitting terminal transmits works to said FingerQ Platform, which encrypts the works, acquires and transmits decrypted works to said works receiving terminal:

Said works transmitting terminal transmits the works to said FingerQ Platform, which makes use of fingerprinting public key of said works receiving terminal, acquires and transmits the works with public key encryption to said works receiving

terminal.

4. The said process according to Claim 3, characterized in that said works transmitting terminal transmits the works to said FingerQ Platform, which makes use of fingerprinting public key of said works receiving terminal, acquires and transmits the works with public key encryption to said works receiving terminal, comprising:

Said works transmitting terminal makes use of fingerprinting private key of said works transmitting terminal to encrypt works, acquires the works with private key encryption;

Said works transmitting terminal transmits the works with private key encryption to FingerQ Platform, which makes use of public key of works receiving terminal to encrypt the works with private key encryption, acquires the works with public and private key encryption and transmits the works to works receiving terminal.

5. The said process according to Claim 1, characterized in that said FingerQ Platform encrypts the works, acquires and transmits encrypted works to said works receiving terminal, also comprising:

Said works receiving terminal receives and decrypts the works with encryption, acquires and displays decrypted works.

6. A type of works transmitting system, characterized in that said system comprises: works transmitting terminal and FingerQ Platform, which connects with each other;

Wherein, said works transmitting terminal comprises:

Transmitting terminal secret key exchange device connecting to said FingerQ Platform is used to exchange secret key with works receiving terminal through said FingerQ Platform;

Works transmitter connecting to transmitting terminal secret key exchange device is used to transmit the works to said FingerQ Platform after transmitting

terminal secret key exchange device exchanges secret key with works receiving terminal through said FingerQ Platform;

Wherein, said FingerQ Platform comprises:

Works receiver connecting to said works transmitter is used to receive the works
5 which said works transmitter transmits;

Works processor connecting to works receiver is used to encrypt the works which said works receiver receives, acquires and transmits encrypted works to said works receiving terminal.

10 7. The said system according to Claim 6, characterized in that said transmitting terminal secret key exchange device comprises:

Transmitting terminal fingerprint sensor is used to extract fingerprint information of the user corresponding to said works transmitting terminal, acquires fingerprinting public key and fingerprinting private key of said works transmitting
15 terminal according to user's fingerprint information corresponding to said works transmitting terminal;

Transmitting terminal secret key transmitter connecting to transmitting terminal fingerprint sensor is used to transmit to said FingerQ Platform secret key exchange request and fingerprinting public key of said works transmitting terminal after said
20 transmitting terminal fingerprint sensor acquires fingerprinting public key and fingerprinting private key of said works transmitting terminal;

Accordingly, said FingerQ Platform also comprises:

Transmitting terminal secret key repeater connecting to transmitting terminal secret key transmitter is used to receive secret key exchange request and
25 fingerprinting public key of said works transmitting terminal transmitted by said transmitting terminal secret key transmitter, and then transmits secret key exchange request and fingerprinting public key of said works transmitting terminal to said works receiving terminal;

Receiving terminal secret key repeater connecting to said works transmitting
30 terminal is used to receive confirmation message of secret key exchange transmitted

by said works receiving terminal and fingerprinting public key of said works receiving terminal, which will be transmitted to said works transmitting terminal;

Accordingly, said transmitting terminal secret key exchange device also comprises:

5 Transmitting terminal secret key receiver connecting to works transmitter and said receiving terminal secret key repeater is used to receive confirmation message of secret key exchange transmitted by said receiving terminal secret key repeater and fingerprinting public key of said works receiving terminal;

10 Accordingly, said works transmitter, specifically connecting to said transmitting terminal secret key receiver is used to transmit said works to said FingerQ Platform after said transmitting terminal secret key receiver has received confirmation message of secret key exchange transmitted by said receiving terminal secret key repeater and fingerprinting public key of said works receiving terminal.

15 8. The said system according to Claim 7, characterized in that said works processor also connecting to said receiving terminal secret key repeater or said transmitting terminal secret key receiver, specifically makes use of fingerprinting public key of works receiving terminal acquired by said receiving terminal secret key repeater or said transmitting terminal secret key receiver to encrypt the works,
20 acquires and transmits the works with public key encryption to said works receiving terminal.

9. The said system according to Claim 8, characterized in that said works transmitting terminal also comprises:

25 Works encipher, respectively connecting to said works transmitter and said transmitting terminal fingerprint sensor, makes use of fingerprinting private key of works transmitting terminal acquired by said transmitting terminal fingerprint sensor to encrypt the works and acquires the works with private key encryption;

30 Accordingly, said works transmitter, specifically connecting to said works encipher, is used to transmit the works with private key encryption acquired by said

works encipher to said FingerQ Platform after said transmitting terminal secret key receiver has received confirmation message of secret key exchange transmitted by said receiving terminal secret key repeater and fingerprinting public key of said works receiving terminal.

5 Accordingly, said works receiver is specifically used to receive the works with private key encryption transmitted by said works transmitter;

 Accordingly, said works processor, specifically makes use of fingerprinting public key of said works receiving terminal to encrypt the works with private key encryption, acquires and transmits the works with public and private key encryption
10 to said works receiving terminal.

 10. The said system according to Claim 6, characterized in that said system also comprises: said works receiving terminal, connection between said receiving terminal and said FingerQ Platform;

15 Wherein, said works receiving terminal comprises:

 Receiving terminal processor connecting to said works processor is used to receive encrypted works transmitted by said works processor, decrypt the encrypted works, acquire and display decrypted works.

PCT请求书

打印件(原件为电子形式)

0	由受理局填写	
0-1	国际申请号	
0-2	国际申请日	
0-3	受理局名称和“PCT国际申请”	
0-4	PCT/RO/101表 PCT请求书	
0-4-1	软件版本	PCT-SAFE 版本 3. 51. 055. 231 MT/FOP 20120701/0. 20. 5. 19
0-5	请求 下列签字人请求按照专利合作条约的规定处理本国际申请	
0-6	申请人指定的受理局	中华人民共和国国家知识产权局 (R0/CN)
0-7	申请人或代理人的档案号	zzg2013004
I	发明名称	作品传输方法和系统
II	申请人	申请人 (applicant only)
II-1	该人是	除美国以外的所有指定国 (all designated States except US)
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II-10(a)	电子邮件授权 授权受理局、国际检索单位、国际局和国际初步审查单位, 如果其愿意, 使用本电子邮件地址发送有关本国际申请的通知书:	作为随后纸件通知书的预送本

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III-1	申请人和/或发明人	
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IV-1	代理人, 共同代表或通信地址 下列人员被委托/已经被委托为代表申请人在主管国际单位办理事务的	代理人 (agent)
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IV-1-4	传真号码	86-757-83394376
IV-1-5	电子邮址	cnfspatent@126.com
IV-1-5(a)	电子邮件授权 授权受理局、国际检索单位、国际局和国际初步审查单位, 如果其愿意, 使用本电子邮件地址发送有关本国际申请的通知书:	作为随后纸件通知书的预送本
IV-1-6	代理人登记号	44307
V	国家的指定	
V-1	根据细则4.9(a), 提交本请求书即为, 指定在国际申请日受PCT约束的所有成员国, 以要求获得可以获得的所有保护类型, 适用情况下, 要求获得地区专利和国家专利。	
VI-1	要求在先国家申请的优先权	
VI-1-1	申请日	2012年 11月 07日 (07. 11. 2012)
VI-1-2	号码	201210438176. 6
VI-1-3	国家	中国 CN
VI-2	优先权文件请求 请受理局准备并向国际局送交上述在先申请中标号如下的在先申请的证明副本:	VI-1
VI-3	援引加入 : 如果条约11 (1) (iii) (d) 或 (e) 规定的国际申请的某一项目, 或者细则20.5(a)规定的说明书, 权利要求书或附图的某一部分不包含在本国际申请中, 但是全部包含在一个在先申请中, 并且在受理局首次收到条约11 (1) (iii)规定的一个或多个项目之日要求了该在先申请的优先权, 则该项目或该部分可以依据细则20.6确认, 为细则20.6的目的援引加入到该国际申请中。	
VII-1	选定的国际检索单位	中华人民共和国国家知识产权局 (ISA/CN)

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打印件(原件为电子形式)

VIII	声明	声明数目	
VIII-1	关于发明人身份的声明	—	
VIII-2	关于申请人在国际申请日有权申请和被授予专利的声明	—	
VIII-3	关于申请人在国际申请日有权要求在先申请的优先权的说明	—	
VIII-4	发明人资格声明(仅为指定美国目的)	—	
VIII-5	关于不影响新颖性的公开或缺乏新颖性的例外的声明	—	
IX	清单	页数	附以电子文档
IX-1	请求书(包括声明页)	4	✓
IX-2	说明书	9	✓
IX-3	权利要求	4	✓
IX-4	摘要	1	✓
IX-5	附图	5	✓
IX-7	共计	23	
	附件	附以纸件	附以电子文档
IX-8	费用计算页	—	✓
IX-9	单独委托书原件	—	✓
IX-18	PCT-SAFE 物理载体	—	—
IX-20	应与摘要一起公布的附图图号	1	
IX-21	国际申请所用语言	中文	
X-1	申请人, 代理人或共同代表的签字	(PKCS7数字签字)	
X-1-1	名称	佛山东平知识产权事务所(普通合伙)	
X-1-2	签字人姓名	詹仲国	
X-1-3	还要注明此人是以什么名义签字的	代理人	

由受理局填写

10-1	据称的国际申请文件的实际收到日期	
10-2	附图:	
10-2-1	收到	
10-2-2	未收到	
10-3	由于随后在期限内收到补充国际申请的文件或附图, 更改的实际收到日期	
10-4	在期限内收到根据PCT第11(2)条所进行的改正的日期	
10-5	国际检索单位	ISA/CN
10-6	检索本的传送推迟到缴纳检索费后	

由国际局填写

11-1	国际局收到登记本日期	
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