

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4282558

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XINGJIANG CHEN	02/15/2017
ZHIYUAN LUO	02/15/2017
YUANGANG DUAN	02/15/2017
ZHONGSHUANG LI	02/15/2017
WEI FU	02/15/2017
GUOHUI CONG	02/15/2017
ZHAO CHEN	02/15/2017
XIAOWU SONG	02/15/2017
YANZHANG LIU	02/15/2017
XUELING WANG	02/15/2017
JIAJIONG MA	02/15/2017
YIXUN ZHANG	02/15/2017

RECEIVING PARTY DATA

Name:	CHINA NUCLEAR POWER ENGINEERING CO., LTD.
Street Address:	NO. 69 SHENNAN ZHONG ROAD, FUTIAN DISTRICT
City:	SHENZHEN, GUANGDONG
State/Country:	CHINA
Postal Code:	518023
Name:	SHENYANG BLOWER GROUP NUCLEAR POWER PUMPS CO., LTD.
Street Address:	NO. 16 DEVELOPMENT ROAD, ECONOMIC & TECHNICAL DEVELOPMENT ZONE
City:	SHENYANG, LIAONING
State/Country:	CHINA
Postal Code:	110142
Name:	CHINA GENERAL NUCLEAR POWER GROUP
Street Address:	FLOORS 17-19, SCIENCE BUILDING, NO. 1001 SHANGBU ZHONG ROAD, FUTIAN DISTRICT
City:	SHENZHEN, GUANGDONG
State/Country:	CHINA
Postal Code:	518031

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15373495

CORRESPONDENCE DATA**Fax Number:**

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.

Email: charles_ho@barron-young.com

Correspondent Name: BYIP

Address Line 1: 9622 LANDMARK PLACE

Address Line 4: FRISCO, TEXAS 75035

ATTORNEY DOCKET NUMBER: SCI-1621-USPT

NAME OF SUBMITTER: CHARLES S. HO

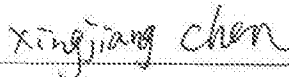
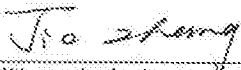
SIGNATURE: /charles ho/

DATE SIGNED: 02/20/2017

Total Attachments: 12

source=Executed Assignment_SCI-1621-USPT (00585126)#page1.tif
source=Executed Assignment_SCI-1621-USPT (00585126)#page2.tif
source=Executed Assignment_SCI-1621-USPT (00585126)#page3.tif
source=Executed Assignment_SCI-1621-USPT (00585126)#page4.tif
source=Executed Assignment_SCI-1621-USPT (00585126)#page5.tif
source=Executed Assignment_SCI-1621-USPT (00585126)#page6.tif
source=Executed Assignment_SCI-1621-USPT (00585126)#page7.tif
source=Executed Assignment_SCI-1621-USPT (00585126)#page8.tif
source=Executed Assignment_SCI-1621-USPT (00585126)#page9.tif
source=Executed Assignment_SCI-1621-USPT (00585126)#page10.tif
source=Executed Assignment_SCI-1621-USPT (00585126)#page11.tif
source=Executed Assignment_SCI-1621-USPT (00585126)#page12.tif

ASSIGNMENT - Patent Application		Docket Number: <u>SCI-1621-USPT</u>
Whereas, the Assignor, comprising the following named inventors:		
ASSIGNOR(s)/ INVENTOR(s)	Xingjiang Chen	
made an invention entitled: <u>MAIN PUMP SHAFT SEAL WATER INJECTION SYSTEM OF A NUCLEAR POWER STATION</u>		
for which an application for Letters Patent of the United States: (Select one of the following):		
<input type="checkbox"/> is executed concurrently herewith <input checked="" type="checkbox"/> was filed in the U.S. Patent and Trademark Office on <u>12/09/2016</u> , as U.S. Patent Application Serial No.: <u>15/373,496</u>		
ASSIGNEE (Full Name, Address and Country)	1) China Nuclear Power Engineering Co., Ltd. No. 69 Shennan Zhong Road, Futian District, Shenzhen, Guangdong 518023 China 2) Shenyang Blower Group Nuclear Power Pumps Co., Ltd. No. 16 Development Road, Economic & Technical Development Zone, Shenyang, Liaoning 110142 China 3) China General Nuclear Power Group Floors 17-19, Science Building, No. 1001 Shangbu Zhong Road, Futian District, Shenzhen, Guangdong 518031 China	
is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor.		
<p>Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.</p> <p>Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.</p> <p>Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.</p> <p>In witness whereof, this Assignment is executed on the day indicated below.</p>		

	Typed or Printed Name	Signature	Date
SIGNATURE	Xingjiang Chen		2017-02-15
	Jie Zhang		2017-02-15
	* Witness to Assignor	* Witness to Assignor	

ASSIGNMENT - Patent Application

Docket Number: SCI-1621-USPT

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)
INVENTOR(s)

Zhiyuan Luo

made an invention entitled: MAIN PUMP SHAFT SEAL WATER INJECTION SYSTEM OF A NUCLEAR POWER STATION

for which an application for Letters Patent of the United States:
(Select one of the following):

- is executed concurrently herewith
 was filed in the U.S. Patent and Trademark Office on 12/09/2016
as U.S. Patent Application Serial No.: 15/373,495

ASSIGNEE
(Full Name, Address and Country)

- 1) China Nuclear Power Engineering Co., Ltd.
No. 69 Shennan Zhong Road, Futian District, Shenzhen, Guangdong 518023
China
- 2) Shenyang Blower Group Nuclear Power Pumps Co., Ltd.
No. 16 Development Road, Economic & Technical Development Zone,
Shenyang, Liaoning 110142
China
- 3) China General Nuclear Power Group
Floors 17-19, Science Building, No. 1001 Shangbu Zhong Road, Futian
District, Shenzhen, Guangdong 518031
China

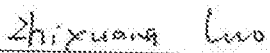
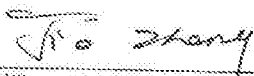
is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	Zhiyuan Luo		2017-02-15
	Jie Zhang		2017-02-15
	* Witness to Assignor	* Witness to Assignor	

ASSIGNMENT - Patent Application

Docket Number: SCI-1621-USPT

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/
INVENTOR(s)

Yuangang Duan

made an invention entitled: MAIN PUMP SHAFT SEAL WATER INJECTION SYSTEM OF A NUCLEAR POWER STATION

for which an application for Letters Patent of the United States:
(Select one of the following):

- is executed concurrently herewith
 was filed in the U.S. Patent and Trademark Office on 12/09/2016
as U.S. Patent Application Serial No.: 15/373,495

ASSIGNEE
(Full Name, Address and
Country)

- 1) China Nuclear Power Engineering Co., Ltd.
No. 69 Shennan Zhong Road, Futian District, Shenzhen, Guangdong 518023
China
- 2) Shenyang Blower Group Nuclear Power Pumps Co., Ltd.
No. 18 Development Road, Economic & Technical Development Zone,
Shenyang, Liaoning 110142
China
- 3) China General Nuclear Power Group
Floors 17-19, Science Building, No. 1001 Shangbu Zhong Road, Futian
District, Shenzhen, Guangdong 518031
China

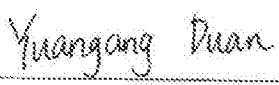
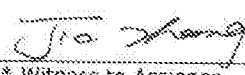
is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	Yuangang Duan		2017-02-15
	Jie Zhang		2017-02-15
	* Witness to Assignor	* Witness to Assignor	

ASSIGNMENT - Patent ApplicationDocket Number: SCI-1621-USPT

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/
INVENTOR(s)Zhongshuang Limade an invention entitled: MAIN PUMP SHAFT SEAL WATER INJECTION SYSTEM OF A NUCLEAR POWER STATIONfor which an application for Letters Patent of the United States:
(Select one of the following):

- is executed concurrently herewith
- was filed in the U.S. Patent and Trademark Office on 12/09/2016
as U.S. Patent Application Serial No.: 15/373,495

ASSIGNEE
(Full Name, Address and
Country)

- 1) China Nuclear Power Engineering Co., Ltd.
No. 69 Shennan Zhong Road, Futian District, Shenzhen, Guangdong 518023
China
- 2) Shenyang Blower Group Nuclear Power Pumps Co., Ltd.
No. 16 Development Road, Economic & Technical Development Zone,
Shenyang, Liaoning 110142
China
- 3) China General Nuclear Power Group
Floors 17-19, Science Building, No. 1001 Shangbu Zhong Road, Futian
District, Shenzhen, Guangdong 518031
China

is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor.

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	<u>Zhongshuang Li</u>	<u>Zhongshuang Li</u>	<u>2017-02-15</u>
	<u>Jie Zhang</u>	<u>Jie Zhang</u>	<u>2017-02-15</u>
	* Witness to Assignor	* Witness to Assignor	

ASSIGNMENT - Patent Application

Docket Number: SCI-1621-USPT

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/
INVENTOR(s)

Wei Fu

made an invention entitled: MAIN PUMP SHAFT SEAL WATER INJECTION SYSTEM OF A NUCLEAR POWER STATIONfor which an application for Letters Patent of the United States:
(Select one of the following):

- is executed concurrently herewith
 was filed in the U.S. Patent and Trademark Office on 12/09/2016
as U.S. Patent Application Serial No.: 15/373,495

ASSIGNEE
(Full Name, Address and
Country)

- 1) China Nuclear Power Engineering Co., Ltd.
No. 69 Shennan Zhong Road, Futian District, Shenzhen, Guangdong 518023
China
- 2) Shenyang Blower Group Nuclear Power Pumps Co., Ltd.
No. 16 Development Road, Economic & Technical Development Zone,
Shenyang, Liaoning 110142
China
- 3) China General Nuclear Power Group
Floors 17-19, Science Building, No. 1001 Shangbu Zhong Road, Futian
District, Shenzhen, Guangdong 518031
China

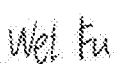
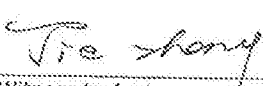
is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees if shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	Wei Fu		2017-02-15
	Jie Zhang		2017-02-15
	* Witness to Assignor	* Witness to Assignor	

ASSIGNMENT - Patent Application

Docket Number: **SCI-1621-USPT**

Whereas, the Assignor, comprising the following named inventor:

ASSIGNOR(s)/
INVENTOR(s)

Guohui Cong

made an invention entitled: **MAIN PUMP SHAFT SEAL WATER INJECTION SYSTEM OF A NUCLEAR POWER STATION**

for which an application for Letters Patent of the United States:
(Select one of the following):

- is executed concurrently herewith
 was filed in the U.S. Patent and Trademark Office on 12/09/2016
as U.S. Patent Application Serial No.: 15/373,495

ASSIGNEE
(Full Name, Address and
Country)

- 1) **China Nuclear Power Engineering Co., Ltd.**
No. 69 Shennan Zhong Road, Futian District, Shenzhen, Guangdong 518023
China
- 2) **Shenyang Blower Group Nuclear Power Pumps Co., Ltd.**
No. 16 Development Road, Economic & Technical Development Zone,
Shenyang, Liaoning 110142
China
- 3) **China General Nuclear Power Group**
Floors 17-19, Science Building, No. 1001 Shangbu Zhong Road, Futian
District, Shenzhen, Guangdong 518031
China

is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor.

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	Guohui Cong	<i>Guohui Cong</i>	2017-02-15
	Jie Zhang	<i>Jie Zhang</i>	2017-02-15
	* Witness to Assignor	* Witness to Assignor	

ASSIGNMENT - Patent Application

Docket Number: **SCI-1621-USPT**

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)
INVENTOR(s)

Zhao Chen

made an invention entitled: **MAIN PUMP SHAFT SEAL WATER INJECTION SYSTEM OF A NUCLEAR POWER STATION**

for which an application for Letters Patent of the United States:
(Select one of the following):

- is executed concurrently herewith
 was filed in the U.S. Patent and Trademark Office on 12/09/2016
as U.S. Patent Application Serial No.: 15/373,495

ASSIGNEE
(Full Name, Address and Country)

- 1) **China Nuclear Power Engineering Co., Ltd.**
No. 69 Shennan Zhong Road, Futian District, Shenzhen, Guangdong 518023
China
- 2) **Shenyang Blower Group Nuclear Power Pumps Co., Ltd.**
No. 16 Development Road, Economic & Technical Development Zone,
Shenyang, Liaoning 110142
China
- 3) **China General Nuclear Power Group**
Floors 17-19, Science Building, No. 1001 Shangbu Zhong Road, Futian
District, Shenzhen, Guangdong 518031
China

is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	Zhao Chen	<i>Zhao Chen</i>	2017-02-15
	Jie Zhang	<i>Jie Zhang</i>	2017-02-15
	* Witness to Assignor	* Witness to Assignor	

ASSIGNMENT - Patent Application

Docket Number: SCI-1621-USPT

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/
INVENTOR(s)

Xiaowu Song

made an invention entitled: MAIN PUMP SHAFT SEAL WATER INJECTION SYSTEM OF A NUCLEAR POWER STATION

for which an application for Letters Patent of the United States:
(Select one of the following):

- is executed concurrently herewith
 was filed in the U.S. Patent and Trademark Office on 12/09/2016
as U.S. Patent Application Serial No.: 15/373,496

ASSIGNEE
(Full Name, Address and
Country)

- 1) China Nuclear Power Engineering Co., Ltd.
No. 69 Shennan Zhong Road, Futian District, Shenzhen, Guangdong 518023
China
- 2) Shenyang Blower Group Nuclear Power Pumps Co., Ltd.
No. 16 Development Road, Economic & Technical Development Zone,
Shenyang, Liaoning 110142
China
- 3) China General Nuclear Power Group
Floors 17-19, Science Building, No. 1001 Shangbu Zhong Road, Futian
District, Shenzhen, Guangdong 518031
China

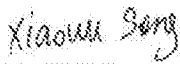
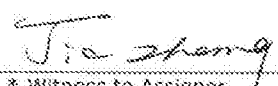
is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	Xiaowu Song		2017-02-15
	Jie Zhang		2017-02-15
	* Witness to Assignor	* Witness to Assignor	

ASSIGNMENT - Patent Application

Docket Number: SCI-1621-USPT

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)
INVENTOR(s)

Yanzhang Liu

made an invention entitled: MAIN PUMP SHAFT SEAL WATER INJECTION SYSTEM OF A NUCLEAR POWER STATION

for which an application for Letters Patent of the United States:
(Select one of the following):

- is executed concurrently herewith
 was filed in the U.S. Patent and Trademark Office on 12/09/2016
as U.S. Patent Application Serial No.: 15/373,495

ASSIGNEE
(Full Name, Address and Country)

- 1) China Nuclear Power Engineering Co., Ltd.
No. 69 Shennan Zhong Road, Futian District, Shenzhen, Guangdong 518023
China
- 2) Shenyang Blower Group Nuclear Power Pumps Co., Ltd.
No. 16 Development Road, Economic & Technical Development Zone,
Shenyang, Liaoning 110142
China
- 3) China General Nuclear Power Group
Floors 17-19, Science Building, No. 1001 Shangbu Zhong Road, Futian
District, Shenzhen, Guangdong 518031
China

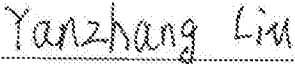
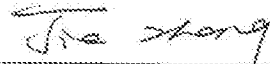
is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor.

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	Yanzhang Liu		2017-02-15
	Jie Zhang		2017-02-15
	* Witness to Assignor	* Witness to Assignor	

ASSIGNMENT - Patent Application

Docket Number: SCI-1521-USPT

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)
INVENTOR(s)

Xueling Wang

made an invention entitled: MAIN PUMP SHAFT SEAL WATER INJECTION SYSTEM OF A NUCLEAR POWER STATION

for which an application for Letters Patent of the United States:
(Select one of the following):

- is executed concurrently herewith
 was filed in the U.S. Patent and Trademark Office on 12/09/2016
 as U.S. Patent Application Serial No.: 15/373,495

ASSIGNEE
(Full Name, Address and Country)

- 1) China Nuclear Power Engineering Co., Ltd.
No. 69 Shennan Zhong Road, Futian District, Shenzhen, Guangdong 518023
China
- 2) Shenyang Blower Group Nuclear Power Pumps Co., Ltd.
No. 16 Development Road, Economic & Technical Development Zone,
Shenyang, Liaoning 110142
China
- 3) China General Nuclear Power Group
Floors 17-19, Science Building, No. 1001 Shangbu Zhong Road, Futian
District, Shenzhen, Guangdong 518031
China

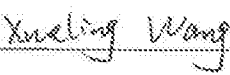
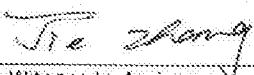
is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor.

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	Xueling Wang		2017-02-15
	Jie Zhang		2017-02-15
	* Witness to Assignor	* Witness to Assignor	

ASSIGNMENT - Patent Application

Docket Number: SCI-1621-USPT

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)
INVENTOR(s)

Jiajiong Ma

made an invention entitled: MAIN PUMP SHAFT SEAL WATER INJECTION SYSTEM OF A NUCLEAR POWER STATION

for which an application for Letters Patent of the United States:
(Select one of the following):

- is executed concurrently herewith
 was filed in the U.S. Patent and Trademark Office on 12/09/2016
as U.S. Patent Application Serial No.: 15/373,495

ASSIGNEE
(Full Name, Address and Country)

- 1) China Nuclear Power Engineering Co., Ltd.
No. 69 Shennan Zhong Road, Futian District, Shenzhen, Guangdong 518023
China
- 2) Shenyang Blower Group Nuclear Power Pumps Co., Ltd.
No. 16 Development Road, Economic & Technical Development Zone,
Shenyang, Liaoning 110142
China
- 3) China General Nuclear Power Group
Floors 17-19, Science Building, No. 1001 Shangbu Zhong Road, Futian
District, Shenzhen, Guangdong 518031
China

is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	<u>Jiajiong Ma</u>	<u>Jiajiong Ma</u>	<u>2017-02-15</u>
	<u>Jie Zhang</u>	<u>Jie Zhang</u>	<u>2017-02-15</u>
	* Witness to Assignor	* Witness to Assignor	

ASSIGNMENT - Patent Application

Docket Number SCI-1621-USPT

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/
INVENTOR(s)

Yixun Zhang

made an invention entitled: **MAIN PUMP SHAFT SEAL WATER INJECTION SYSTEM OF A NUCLEAR POWER STATION**

for which an application for Letters Patent of the United States:
(Select one of the following):

- is executed concurrently herewith
 was filed in the U.S. Patent and Trademark Office on 12/09/2016
as U.S. Patent Application Serial No.: 15/373,495

ASSIGNEE
(Full Name, Address and
Country)

- 1) China Nuclear Power Engineering Co., Ltd.
No. 69 Shennan Zhong Road, Futian District, Shenzhen, Guangdong 518023
China
- 2) Shenyang Blower Group Nuclear Power Pumps Co., Ltd.
No. 16 Development Road, Economic & Technical Development Zone,
Shenyang, Liaoning 110142
China
- 3) China General Nuclear Power Group
Floors 17-19, Science Building, No. 1001 Shangbu Zhong Road, Futian
District, Shenzhen, Guangdong 518031
China

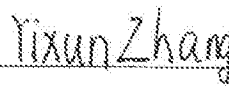
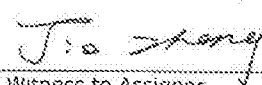
is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	Yixun Zhang		2017-02-15
	Jie Zhang		2017-02-15
	* Witness to Assignor	* Witness to Assignor	