503722131 03/04/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3768772

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUCHANG MIAO	02/22/2016
YONG ZHAI	02/22/2016
JIANXIN MA	02/22/2016
ENFENG GAO	02/22/2016
YANLING SONG	02/22/2016
SHULIN DIAO	02/22/2016
YI DONG	02/22/2016
HAIBO YI	02/22/2016
SHUJIE WU	02/22/2016
YI YUAN	02/22/2016
YA CHEN	02/22/2016
WENJIE YUAN	02/22/2016

RECEIVING PARTY DATA

Name:	TIANHE (BAOTOU) ADVANCED TECH MAGNET CO., LTD.	
Street Address:	NO. 8-17 RARE EARTH AVENUE	
Internal Address:	RARE EARTH HIGH-TECH INDUSTRIAL PARK	
City:	BAOTOU	
State/Country:	CHINA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15059736

CORRESPONDENCE DATA

(908)654-0415 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.

Phone: (908) 518-6359

Email: assignment@lernerdavid.com

Correspondent Name: LDLK&M

Address Line 1: 600 SOUTH AVENUE WEST Address Line 4: WESTFIELD, NEW JERSEY 07090

REEL: 037893 FRAME: 0221 503722131

PATENT -

ATTORNEY DOCKET NUMBER:	9GFZ 3.0F-005
NAME OF SUBMITTER:	MELINDA C. CORMIER
SIGNATURE:	/Melinda C. Cormier/
DATE SIGNED:	03/04/2016
Total Attachments: 12	
source=Assignment#page1.tif	
source=Assignment#page2.tif	
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source=Assignment#page11.tif	
source=Assignment#page12.tif	

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9GFZ 3.0F-005	
Whereas, I, Juchang Miao of No. 8-17 Rare Earth Avenue, Rare Earth High-tech Industrial Park, Inner-Mongolia, Baotou, P.R. China 014030		
hereafter referred to as assignor, have with others invented certain new and useful improvements in SPRAYING DEVICE AND USE THEREOF		
x for which an application for a United States Letters Patent was filed on March 3, 2016 Application Number 15/059,736		
for which an application for a United States Letters Pate	nt was executed by me on,	
for which an International Application was filed on	, as	
, designating the United	States.	
And		
Whereas, Tianhe (Baotou) Advanced Tech Magnet Co.	, Ltd.	
a corporation of People's Republic of China herein referred to	as "assignee" whose mailing address is	
No. 8-17 Rare Earth Avenue; Rare Earth High-tech Industri CHINA	al Park; Baotou; PEOPLE'S REPUBLIC OF	
is desirous of acquiring the entire right, title and interest in the s	ame;	
is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Sta invention and the aforesaid utility patent application and all applications and patents applied for or granted therefor in the said invention, including without limitation all applications and the aforesaid utility application pursuant to any law or treaty, a infringement with the right to sue for and collect the same for it legal representatives, and including the right to claim such provided and assignee herein, as assignee of the entire interest representatives, heirs and assigns do hereby agree and covernall original, divisional, continuation, reissue and other applications assignments thereof to said assignee or its assigns, to commit known to the undersigned respecting said improvements, where legal proceedings in which any of said applications or patents all rightful oaths, and to do generally everything necessary to obtain patent protection for said improvements in all countries, and paid by said assignee.	tes of America and all other countries in and to said original, divisional, continuation, substitute or reissue a United States of America and all other countries, for patents for said invention claiming priority or benefit of and including all claims for damages by reason of past its own use and the use of its successors, assigns and iority or benefit and the Commissioner of Patents and atents on said improvements or resulting therefrom to therein; and the undersigned for me and my legal ant without further remuneration, to execute and deliver tions for Letters Patent on said improvements and all unicate to said assignee or its representatives all facts never requested, to testify in any interferences or other may become involved, to sign all lawful papers, make aid assignee, its successors, assigns and nominees to the expenses incident to said applications to be borne	
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.		
Date	Juchang Miao	
<u> Witness</u> <u> Witness</u> <u> Witness</u> Typed Name of Witness		

12

*Total of

forms are submitted.

PATENT

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9GFZ 3.0F-005	
Whereas, I, Yong Zhai of No. 8-17 Rare Earth Avenue, Rare Earth High-tech Industrial Park, Inner-Mongolia, Baotou, P.R. China 014030		
hereafter referred to as assignor, have with others invented certain new and useful improvements in SPRAYING DEVICE AND USE THEREOF		
x for which an application for a United States Letters Pate Application Number 15/059,736	ent was filed on <u>March 3, 2016</u>	
for which an application for a United States Letters Pater	nt was executed by me on,	
for which an International Application was filed on	, as	
, designating the United	States.	
And		
Whereas,Tianhe (Baotou) Advanced Tech Magnet Co., Ltd. a corporation of People's Republic of China_ herein referred to as "assignee" whose mailing address is No. 8-17 Rare Earth Avenue; Rare Earth High-tech Industrial Park; Baotou; PEOPLE'S REPUBLIC OF CHINA		
is desirous of acquiring the entire right, title and interest in the s	ame;	
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses inc		
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.		
Feds. 22Nd. 20/6 Date	Youy zha i	
Date	Yong Zhai	
Witness 2himin Wu Typed Name of Witness		
Zhimin Wu Typed Name of Witness		

*Total of

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9GFZ 3.0F-005	
Whereas, I, <u>Jianxin Ma</u> of No. 8-17 Rare Earth Avenue, Rare Earth High-tech Industrial Park, Inner-Mongolia, Baotou, P.R. China 014030		
hereafter referred to as assignor, have with others invented certain	ain new and useful improvements in	
SPRAYING DEVICE AND USE THEREOF		
X for which an application for a United States Letters Pate Application Number 15/059,736		
for which an application for a United States Letters Pater	it was executed by me on,	
for which an International Application was filed on	, as	
, designating the United	States.	
And		
Whereas, Tianhe (Baotou) Advanced Tech Magnet Co.,	Ltd.	
a corporation of People's Republic of China herein referred to a	s "assignee" whose mailing address is	
No. 8-17 Rare Earth Avenue; Rare Earth High-tech Industri	al Park; Baotou; PEOPLE'S REPUBLIC OF	
CHINA Is desirous of acquiring the entire right, title and interest in the sa	ame;	
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignse of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses inc		
when known.	4.	
Feb. 22nd. 2016	Jianxin Ma	
Date	Jianxin Ma	
Zhimin Wu Witness Zhi min Wh		
Typed Name of Witness		

*Total of

12

forms are submitted.

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9GFZ 3.0F-005	
Whereas, I, Enfeng Gao of No. 8-17 Rare Earth Avenue, Rare Earth High-tech Industrial Park, Inner-Mongolia, Baotou, P.R. China 014030		
hereafter referred to as assignor, have with others invented cert	ain new and useful improvements in	
SPRAYING DEVICE AND USE THEREOF	and doctor improvements	
for which an application for a United States Letters Pat Application Number 15/059,736		
for which an application for a United States Letters Pate	nt was executed by me on,	
for which an International Application was filed on	, as	
, designating the United	d States.	
And		
Whereas, Tianhe (Baotou) Advanced Tech Magnet Co.	. Ltd.	
a corporation of People's Republic of China herein referred to	as "assignee" whose mailing address is	
No. 8-17 Rare Earth Avenue; Rare Earth High-tech Industri CHINA	al Park; Baotou; PEOPLE'S REPUBLIC OF	
is desirous of acquiring the entire right, title and interest in the s	ame;	
is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Sta invention and the aforesaid utility patent application and all applications and patents applied for or granted therefor in the said invention, including without limitation all applications and the aforesaid utility application pursuant to any law or treaty, a infringement with the right to sue for and collect the same for i legal representatives, and including the right to claim such proposed in the said assignee herein, as assignee of the entire interest representatives, heirs and assignse of the entire interest representatives, heirs and assignse on the entire interest all original, divisional, continuation, reissue and other applicat assignments thereof to said assignee or its assigns, to communication to the undersigned respecting said improvements, where legal proceedings in which any of said applications or patents all rightful oaths, and to do generally everything necessary to obtain patent protection for said improvements in all countries, and paid by said assignee.	tes of America and all other countries in and to said original, divisional, continuation, substitute or reissue. United States of America and all other countries, for patents for said invention claiming priority or benefit of and including all claims for damages by reason of past its own use and the use of its successors, assigns and tority or benefit and the Commissioner of Patents and atents on said improvements or resulting therefrom to therein; and the undersigned for me and my legal ant without further remuneration, to execute and deliverations for Letters Patent on said improvements and all unicate to said assignee or its representatives all facts never requested, to testify in any interferences or other may become involved, to sign all lawful papers, make aid assignee, its successors, assigns and nominees to the expenses incident to said applications to be borne	
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.		
Jeh m. 2016 Date	Infery (s ou Enfeng Gao	
Date	Enfeng Gao	
Zhimin Wu Witness		
Typed Name of Witness		

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	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9GFZ 3.0F-005	
Whereas, I, Yanling Song No. 8-17 Rare Earth Avenue, Rare Earth High-tech Industrial Park, Inner-Mongolia, Baotou, P.R. China 014030		
hereafter referred to as assignor, have with others invented certain new and useful improvements in SPRAYING DEVICE AND USE THEREOF		
x for which an application for a United States Letters Patent was filed on March 3, 2016 Application Number 15/059,736		
for which an application for a United States Letters Pater	nt was executed by me on ,	
for which an International Application was filed on	, as	
, designating the United	States.	
And		
Whereas, <u>Tianhe (Baotou) Advanced Tech Magnet Co.</u> , a corporation of People's Republic of China, herein referred to	Ltd.	
No. 8-17 Rare Earth Avenue; Rare Earth High-tech Industri CHINA		
is desirous of acquiring the entire right, title and interest in the sa	ame;	
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses inc		
And I do hereby authorize my attorneys to insert on this deed the when known.	e filing date and application number of said application	
7cb. 22nd, 2016	Yanling Song	
Date	Yanling Song	
Zhimin Wh Witness Zhimin Wh Typed Name of Witness		

*Total of

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forms are submitted.

Docket Number (Optional)		
9GFZ 3.0F-005		
of of dustrial Park, Inner-Mongolia, Baotou,		
tain new and useful improvements in		
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tent was filed on March 3, 2016		
ent was executed by me on		
, as		
d States.		
, Ltd.		
as "assignee" whose mailing address is		
ial Park; Baotou; PEOPLE'S REPUBLIC OF		
same;		
is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.		
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.		
Shulin Diao		
Shulin Diao		

12

forms are submitted.

*Total of

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9GFZ 3.0F-005	
Whereas, I, Yi Dong No. 8-17 Rare Earth Avenue, Rare Earth High-tech In	dustrial Park, Inner-Mongolia, Baotou.	
P.R. China 014030		
hereafter referred to as assignor, have with others invented certa SPRAYING DEVICE AND USE THEREOF	ain new and useful improvements in	
x for which an application for a United States Letters Pate Application Number 15/059,736		
for which an application for a United States Letters Pater	nt was executed by me on,	
for which an International Application was filed on	, as	
, designating the United	States.	
And	144	
Whereas, Tianhe (Baotou) Advanced Tech Magnet Co., a corporation of People's Republic of China herein referred to a	as "assignee" whose mailing address is	
No. 8-17 Rare Earth Avenue; Rare Earth High-tech Industri CHINA		
is desirous of acquiring the entire right, title and interest in the sa	ame;	
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses inc		
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.		
Teb, rend, 2016 Date	Yi Dong Yi Dong	
	Ti Dong	
Zhimin Wu Witness Zhimin Wu Treed Name of Witness		
Zhimin Wa		
Typed Name of Witness		

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*Total of

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	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9GFZ 3.0F-005	
Whereas, I, Haibo Yi No. 8-17 Rare Earth Avenue, Rare Earth High-tech Industrial Park, Inner-Mongolia, Baotou, P.R. China 014030		
hereafter referred to as assignor, have with others invented certain new and useful improvements in SPRAYING DEVICE AND USE THEREOF		
x for which an application for a United States Letters Patent was filed on March 3, 2016 Application Number 15/059,736		
for which an application for a United States Letters Patent was executed by me on		
for which an International Application was filed on	, as	
, designating the United	States.	
And		
Whereas,Tianhe (Baotou) Advanced Tech Magnet Co., Ltd. a corporation of People's Republic of China_ herein referred to as "assignee" whose mailing address is No. 8-17 Rare Earth Avenue; Rare Earth High-tech Industrial Park; Baotou; PEOPLE'S REPUBLIC OF CHINA		
is desirous of acquiring the entire right, title and interest in the s	ame;	
NOW, THEREFORE, in consideration of the sum of <u>one</u> dollar (\$ <u>1.00</u>), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses		
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.		
Tob, 22nd, 2016	Haibo Yi	
Teb, 22nd, 2016 Date	Haibo Yi	
Zhimin Wu Witness		
Typed Name of Witness		

*Total of

X

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9GFZ 3.0F-005	
Whereas, I, Shujie Wu of No. 8-17 Rare Earth Avenue, Rare Earth High-tech Industrial Park, Inner-Mongolia, Baotou, P.R. China 014030		
hereafter referred to as assignor, have with others invented certain new and useful improvements in SPRAYING DEVICE AND USE THEREOF		
x for which an application for a United States Letters Patent was filed on Application Number March 3, 2016 Application Number		
for which an application for a United States Letters Patent was executed by me on		
for which an International Application was filed on	, as	
, designating the United	States.	
And		
Whereas, Tianhe (Baotou) Advanced Tech Magnet Co.	Ltd.	
a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is No. 8-17 Rare Earth Avenue; Rare Earth High-tech Industrial Park; Baotou; PEOPLE'S REPUBLIC OF CHINA		
is desirous of acquiring the entire right, title and interest in the sa	ame;	
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignse of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses inc		
And I do hereby authorize my attorneys to insert on this deed the when known.		
Feb. 22nd. 2016	shuji'e Wu	
Date	Shujie Wu	
Thim in Wu Witness Thim in Wu Typed Name of Witness		
x *Total of 12 forms are submitted.		

ASSIGNMENT OF UTILITY APPLICATION

PATENT REEL: 037893 FRAME: 0231

Docket Number (Optional)

	9GFZ 3.0F-005		
Whereas, I, Yi Yuan No. 8-17 Rare Earth Avenue, Rare Earth High-tech Industrial Park, Inner-Mongolia, Baotou,			
P.R. China 014030			
hereafter referred to as assignor, have with others invented certain new and useful improvements in SPRAYING DEVICE AND USE THEREOF			
x for which an application for a United States Letters Patent was filed on			
for which an application for a United States Letters Patent was executed by me on			
for which an International Application was filed on	, as		
, designating the United	d States.		
And			
Whereas, Tianhe (Baotou) Advanced Tech Magnet Co.	, Ltd.		
a corporation of People's Republic of China_ herein referred to as "assignee" whose mailing address is No. 8-17 Rare Earth Avenue; Rare Earth High-tech Industrial Park; Baotou; PEOPLE'S REPUBLIC OF CHINA			
is desirous of acquiring the entire right, title and interest in the s	ame;		
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention clalming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignse of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses inc			
And I do hereby authorize my attorneys to insert on this deed the when known.	ne filing date and application number of said application		
Feb. 22Nd-2016	TI wan		
Date	Yi Yuan		
Zhimin Wu Witness			
Zhiwin Wu Typed Name of Witness			

x *Total of 12 forms are submitted.

	Docket Number (Optional)		
ASSIGNMENT OF UTILITY APPLICATION	9GFZ 3.0F-005		
Whereas, I, Ya Chen No. 8-17 Rare Earth Avenue, Rare Earth High-tech Industrial Park, Inner-Mongolia, Baotou, P.R. China 014030			
hereafter referred to as assignor, have with others invented certain new and useful improvements in			
SPRAYING DEVICE AND USE THEREOF			
x for which an application for a United States Letters Patent was filed on March 3, 2016 Application Number			
for which an application for a United States Letters Patent was executed by me on			
for which an International Application was filed on	, as		
, designating the United	l States.		
And			
Whereas, Tianhe (Baotou) Advanced Tech Magnet Co., Ltd. a corporation of People's Republic of China, herein referred to as "assignee" whose mailing address is			
No. 8-17 Rare Earth Avenue; Rare Earth High-tech Industrial Park; Baotou; PEOPLE'S REPUBLIC OF			
CHINA Is desirous of acquiring the entire right, title and interest in the s	ame;		
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses inc			
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application			
when known. Tuh, m, 216 Date	Ya Ohn		
Date	Ya Chen		
<u> Zhimin Wu</u> Witness			
Zhì min Wn Typed Name of Witness			

X

*Total of

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	9GFZ 3.0F-005	
Whereas, I, <u>Wenjie Yuan</u> of No. 8-17 Rare Earth Avenue, Rare Earth High-tech Industrial Park, Inner-Mongolia, Baotou, P.R. China 014030		
hereafter referred to as assignor, have with others invented certain new and useful improvements in SPRAYING DEVICE AND USE THEREOF		
x for which an application for a United States Letters Palent was filed on March 3, 2016 Application Number 15/059,736		
for which an application for a United States Letters Patent was executed by me on		
for which an International Application was filed on	, as	
, designating the United	i States.	
Whereas, Tianhe (Baotou) Advanced Tech Magnet Co., Ltd.		
a corporation of People's Republic of China herein referred to a	as "assignee" whose mailing address is	
No. 8-17 Rare Earth Avenue; Rare Earth High-tech Industrial Park; Baotou; PEOPLE'S REPUBLIC OF CHINA		
is desirous of acquiring the entire right, title and interest in the s	ame;	
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses inc		
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.		
Teb 22nd 20/6 Date	Wenjie Yuah	
Date	Wenjie Yuan	
Witness Witness William Wa Typed Name of Witness		
Typed Name of Witness		
x *Total of 12 forms are submitted.		

PATENT REEL: 037893 FRAME: 0234

RECORDED: 03/04/2016