

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HUI FANG	05/21/2015
ARTHUR HSU	05/20/2015
ALAN MATTHEW FINN	05/20/2015
ZHEN JIA	05/21/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OTIS ELEVATOR COMPANY
<b>Street Address:</b>	ONE CARRIER PLACE
<b>City:</b>	FARMINGTON
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06032
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15089609
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	79178US02(14-413-2)
<b>NAME OF SUBMITTER:</b>	DAVID L. WISZ
<b>SIGNATURE:</b>	/David L. Wisz/
<b>DATE SIGNED:</b>	10/27/2016
<b>Total Attachments: 4</b>	
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source=79178US02\_14-413-2\_Executed\_Assignment#page4.tif

**ASSIGNMENT**

We, HUI FANG of Shanghai, China and a mailing address of c/o United Technologies Research Center (China) Ltd., Room 3502, 35/F, Kerry Parkside Office, No. 1155 Fang Dian Road, Pudong, Shanghai, 201204, P.R. China, ARTHUR HSU of South Glastonbury, Connecticut and a mailing address of c/o United Technologies Corporation, Research Center, 411 Silver Lane, East Hartford, Connecticut 06108, ALAN MATTHEW FINN of Hebron, Connecticut and a mailing address of c/o United Technologies Corporation, Research Center, 411 Silver Lane, East Hartford, Connecticut 06108 and ZHEN JIA of Shanghai, China and a mailing address of c/o United Technologies Research Center (China) Ltd., Room 3502, 35/F, Kerry Parkside Office, No. 1155 Fang Dian Road, Pudong, Shanghai, 201204, P.R. China, have invented certain improvements in a "DEPTH SENSOR BASED PASSENGER SENSING FOR PASSENGER CONVEYANCE CONTROL", and described in Chinese Patent Application No. 201510158136.X and filed April 3, 2015, and Chinese Application Docket No. PA-0034428-CN(14-413), executed on even date herewith and listing as inventors: HUI FANG, ARTHUR HSU, ALAN MATTHEW FINN AND ZHEN JIA, (hereinafter the Application(s)) and for which International Application we authorize insertion post-execution here in parentheses ( \_\_\_\_\_ ) the international filing date and International Application number when known (hereinafter the Application).

At the time of the invention of the improvements, said improvements were assigned to or under obligation of assignment to OTIS ELEVATOR COMPANY (hereinafter Assignee), A New Jersey, U.S.A. Corporation, having a place of business at One Carrier Place, Farmington, Connecticut, United States of America 06032.

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged by the undersigned, the undersigned have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over unto Assignee, its successors and assigns, our entire right, title and interest in and to:

said invention or inventions as described in the Application, in all forms and embodiments thereof and in all countries and other jurisdictions;

the Application and all applications filed in all countries and jurisdictions based thereon or otherwise for said invention or inventions, including direct or indirect divisional, continuation, continuation-in-part, or substitute applications, and including the

right to file all said applications under the provisions of the Paris Convention for the Protection of Industrial Property, Patent Cooperation Treaty or other international convention or agreement;

all patents and reissues, reexaminations, or extensions thereof to be obtained in all countries and jurisdictions upon said invention or inventions or from all said applications; and

all such rights relating to prior infringements, retroactive or past royalties, provisional rights, and other retroactive or past relief or compensation.

The undersigned hereby authorize and request the issuing authorities in all countries and jurisdictions to issue all patents on all said applications to Assignee or its successors and assigns.

The undersigned further agree, without any further payment or compensation by Assignee or its successors and assigns, to communicate to Assignee, its successors and assigns and to their representatives and agents, all facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in all interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make all of the foregoing provisions effective; and generally do everything possible to aid Assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in all countries and jurisdictions.

IN TESTIMONY WHEREOF, the undersigned have-hereunto set their hand and seal on the date after their signature.

(L.S.) \_\_\_\_\_  
HUI FANG

\_\_\_\_\_  
Date

(L.S.) Arthur HSU  
ARTHUR HSU

2015-05-20  
Date

(L.S.) Alan Matthew Finn  
ALAN MATTHEW FINN

2015-05-20  
Date

(L.S.) \_\_\_\_\_  
ZHEN JIA

\_\_\_\_\_  
Date

## ASSIGNMENT

We, HUI FANG of Shanghai, China and a mailing address of c/o United Technologies Research Center (China) Ltd., Room 3502, 35/F, Kerry Parkside Office, No. 1155 Fang Dian Road, Pudong, Shanghai, 201204, P.R. China, ARTHUR HSU of South Glastonbury, Connecticut and a mailing address of c/o United Technologies Corporation, Research Center, 411 Silver Lane, East Hartford, Connecticut 06108, ALAN MATTHEW FINN of Hebron, Connecticut and a mailing address of c/o United Technologies Corporation, Research Center, 411 Silver Lane, East Hartford, Connecticut 06108 and ZHEN JIA of Shanghai, China and a mailing address of c/o United Technologies Research Center (China) Ltd., Room 3502, 35/F, Kerry Parkside Office, No. 1155 Fang Dian Road, Pudong, Shanghai, 201204, P.R. China, have invented certain improvements in a "DEPTH SENSOR BASED PASSENGER SENSING FOR PASSENGER CONVEYANCE CONTROL", and described in Chinese Patent Application No. 201510158136.X and filed April 3, 2015, and Chinese Application Docket No. PA-0034428-CN(14-413), executed on even date herewith and listing as inventors: HUI FANG, ARTHUR HSU, ALAN MATTHEW FINN AND ZHEN JIA, (hereinafter the Application(s)) and for which International Application we authorize insertion post-execution here in parentheses ( \_\_\_\_\_ ) the international filing date and International Application number when known (hereinafter the Application).

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said invention or inventions as described in the Application, in all forms and embodiments thereof and in all countries and other jurisdictions;

the Application and all applications filed in all countries and jurisdictions based thereon or otherwise for said invention or inventions, including direct or indirect divisional, continuation, continuation-in-part, or substitute applications, and including the

**PATENT**

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all patents and reissues, reexaminations, or extensions thereof to be obtained in all countries and jurisdictions upon said invention or inventions or from all said applications; and

all such rights relating to prior infringements, retroactive or past royalties, provisional rights, and other retroactive or past relief or compensation.

The undersigned hereby authorize and request the issuing authorities in all countries and jurisdictions to issue all patents on all said applications to Assignee or its successors and assigns.

The undersigned further agree, without any further payment or compensation by Assignee or its successors and assigns, to communicate to Assignee, its successors and assigns and to their representatives and agents, all facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in all interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make all of the foregoing provisions effective; and generally do everything possible to aid Assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in all countries and jurisdictions.

IN TESTIMONY WHEREOF, the undersigned have-hereunto set their hand and seal on the date after their signature.

(L.S.) Hui Fang  
HUI FANG

May 21, 2015  
Date

(L.S.) \_\_\_\_\_  
ARTHUR HSU

\_\_\_\_\_  
Date

(L.S.) \_\_\_\_\_  
ALAN MATTHEW FINN

\_\_\_\_\_  
Date

(L.S.) Zhen Jia  
ZHEN JIA

May 21, 2015  
Date