PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4998303

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARI KATTAINEN	06/07/2018
JUHA-MATTI AITAMURTO	04/24/2018
JUHAMATTI NIKANDER	06/07/2018
ARTO NAKARI	04/25/2018

RECEIVING PARTY DATA

Name:	KONE CORPORATION
Street Address:	KARTANONTIE 1
City:	HELSINKI
State/Country:	FINLAND
Postal Code:	00330

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15969527

CORRESPONDENCE DATA

Fax Number: (703)205-8050

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: 7032058000

Email: derya.sevinc@bskb.com, mailroom@bskb.com BIRCH, STEWART, KOLASCH & BIRCH, LLP **Correspondent Name:** 8110 GATEHOUSE ROAD, SUITE 100 EAST Address Line 1:

Address Line 4: FALLS CHURCH, VIRGINIA 22042

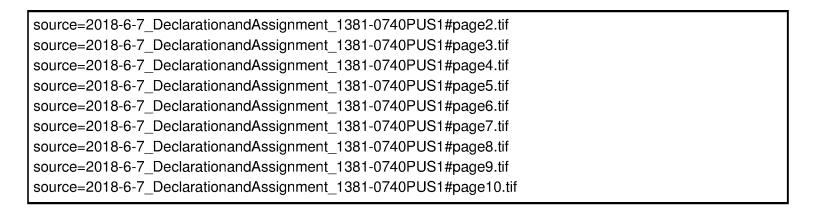
ATTORNEY DOCKET NUMBER:	1381-0740PUS1
NAME OF SUBMITTER:	DERYA SEVINC
SIGNATURE:	/Derya Sevinc/
DATE SIGNED:	06/08/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 10

source=2018-6-7_DeclarationandAssignment_1381-0740PUS1#page1.tif

PATENT REEL: 046029 FRAME: 0186

504951556



U.S. Application No.: 15/969,527

Filed Date: 5/2/18

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Attorney Docket No. 1381-0740PUS1

BIRCH, STEWART, KOLASCH & BIRCH, LLP

8110 Gatehouse Road, Suite 100 East, Falls Church, Virginia 22042-1248 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

		As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
		This declaration is directed to the application attached hereto.
Application not Attached	c;	If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:
Enter Appln. No.	4	United States Application Number or PCT International Appln. No.
Enter Filing Date	5	filed on
		The above-identified application was made or authorized to be made by me.
		I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
		I have reviewed and understand the contents of the above-identified application, including the claims.
		I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.
		WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.
Insert Name of Assignee	c	WHEREAS, KONE CORPORATION
Insert Address of Assignee	4	of Kartanontie 1, 00330 Helsinki, Finland,
		its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Check Box if Appropriate	ď	in any foreign countries.
		NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

LEGAL NAME OF INVENTOR

Inventor's Name	Inventor:	Ari KATTAINEN	Date:	
Inventor's Signature ⇔	Signature:			
An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.				
Additional inventors are being named on the 1_ supplemental sheet(s) attached hereto.				

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒ Inventor:	Juha-Matti AITAMURTO	Date: _	2018-04-24
Inventor's Signature	⇒ Signature:	J-U+4		
	LEGAL N.	AME OF JOINT INVENTOR, IF ANY		
	DDG11D141			
Inventor's Name	⇒ Inventor:	Juhamatti NIKANDER	Date: _	
Inventor's Signature	⇒ Signature:			
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇔Inventor:	Arto NAKARI	Date: _	
Inventor's Signature	⇔Signature:			
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
luventor's Name	⇔Inventor:		Date:	
Inventor's Signature	⇔Signature:			
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Inventor's Signature	⇔Signature:			
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Inventor's Name	⇔Inventor:		Date: _	
Inventor's Signature	⇔Signature:			
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇔Inventor:		Date: _	
Inventor's Signature	⇔Signature:			

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BIRCH, STEWART, KOLASCH & BIRCH, LLP

8110 Gatehouse Road, Suite 100 East, Falls Church, Virginia 22042-1248 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

United States Patent Rights, or United States Plus all Foreign Patent Rights

Title of Invention ⇒ A CURRENT CUT-OFF ARRANGEMENT OF AN ELEVATOR

		As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
		This declaration is directed to the application attached hereto.
Application not Attached	⇔	If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:
Enter Appln. No.	⇔	United States Application Number or PCT International Appln. No.
Enter Filing Date	⇔	filed on
		The above-identified application was made or authorized to be made by me.
		I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
		I have reviewed and understand the contents of the above-identified application, including the claims.
		I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.
		WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.
Insert Name of Assignee	=>	WHEREAS, KONE CORPORATION
Insert Address of Assignee	ε¢	of Kartanontie 1, 00330 Helsinki, Finland,
0.7.238.100		its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Check Box if Appropriate	⇔	in any foreign countries.
		NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

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The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

LEGAL NAME OF INVENTOR

Inventor's Name 💛 Inven	or: Ari KATTAINEN	Date:			
Inventor's Signature ♥ Signat	ure:				
Use a separate form for e	An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors. Additional inventors are being named on the1_ supplemental sheet(s) attached hereto.				

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Page 2

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name

□ Inventor: Juha-Matti AITAMURTO Inventor's Signature ⇔ Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Date: Inventor's Signature ⇒ Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Date: 2018-04-25 Inventor's Name ⇒Inventor: Arto NAKARI Inventor's Signature ⇔Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY ÖInventor: _____ Date: _____ Inventor's Name Inventor's Signature Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇔Inventor: Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇒Inventor: Date: Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name Date: ⇔Inventor: Inventor's Signature ⇒Signature:

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BIRCH, STEWART, KOLASCH & BIRCH, LLP

Inventor's Signature ⇔Signature:

⇒Inventor:

Inventor's Name

Page 3

Date:

LEGAL NAME OF JOINT INVENTOR, IF ANY

BIRCH, STEWART, KOLASCH & BIRCH, LLP

8110 Gatehouse Road, Suite 100 East, Falls Church, Virginia 22042-1248 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

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Title of Invention ⇒ A CURRENT CUT-OFF ARRANGEMENT OF AN ELEVATOR

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This declaration is directed to the application attached hereto.

Application not Attached

⇒ If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:

Enter Appln. No.

□ United States Application Number or PCT International Appln. No. 15969527

Enter Filing Date ⇒ filed on May 2, 2018

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

Insert Name of Assignee

➡ WHEREAS, KONE CORPORATION

Insert Address of Assignee

of Kartanontie 1, 00330 Helsinki, Finland,

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

Check Box if Appropriate

in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Page 1

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The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

Inventor's Name Signature: Ari KATTAINEN Date: 2018-06-07

An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.

LEGAL NAME OF INVENTOR

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Page 2

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name Pinventor: Juha-Matti AITAMURTO Date: Inventor's Signature ⇒ Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name

□ Inventor: Juhamatti NIKANDER Date: Inventor's Signature ⇒ Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇔Inventor: Arto NAKARI Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Date: Inventor's Name Inventor's Signature ⇔Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY ⇒Inventor: Date: Inventor's Name Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ♥Inventor: Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name Date: ⇒Inventor: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name Date: [⇔]Inventor: Inventor's Signature ⇔Signature:

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name	⇒ Inventor:	Juha-Matti AITAMURTO	Date:	***************************************
Inventor's Signature	⇔ Signature:			
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇔ Inventor:	Juhamatti NIKANDER	Date: 2018	-06-0 ⁻ -
Inventor's Signature	⇒ Signature:	J. chamitte Whemleh		
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇔Inventor:	Arto NAKARI	Date:	
Inventor's Signature	⇒Signature:			***************************************
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Inventor's Signature	⇔Signature:			
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lnventor's Signature	⇔Signature:			

BIRCH, STEWART, KOLASCH & BIRCH, LLP

RECORDED: 06/08/2018

Page 3

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