

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7931733

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	HITACHI Zosen CORPORATION	04/20/2023
RECEIVING PARTY DATA		
Name:	KRONES AG	
Street Address:	BOEHMERWALDSTRASSE 5	
City:	NEUTRAUBLING	
State/Country:	GERMANY	
Postal Code:	93073	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Patent Number:	10034952
CORRESPONDENCE DATA		
Fax Number:	(520)882-7643	
<i>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.</i>		
Phone:	5208827623	
Email:	admin@hayes-soloway.com	
Correspondent Name:	NICK SOLOWAY	
Address Line 1:	C/O HAYES SOLOWAY PC	
Address Line 2:	4640 EAST SKYLINE DRIVE	
Address Line 4:	TUCSON, ARIZONA 85718	
ATTORNEY DOCKET NUMBER:	HANNKE KNS01-1155	
NAME OF SUBMITTER:	NORMAN P. SOLOWAY	
SIGNATURE:	/norman p. soloway/	
DATE SIGNED:	05/02/2023	
Total Attachments: 6		
source=Assignment#page1.tif		
source=Assignment#page2.tif		
source=Assignment#page3.tif		
source=Assignment#page4.tif		
source=Assignment#page5.tif		

ASSIGNMENT OF INVENTION

For: ☐ U.S. and/or ☐ Foreign Rights

For: ☐ U.S. Application or

☐ U.S. Provisional Application

For: ☒ U.S. Patent

For: ☐ PCT Application

By: ☐ Inventor(s) or ☒ Present Owner

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

(inventor(s) or person(s) or entity(ies) who own the invention)

Name: **HITACHI Zosen CORPORATION**

Address: **7-89, NANKO-KITA 1-CHOME, SUMINOE-KU, OSAKA-SHI
OSAKA, JAPAN 559-8559**

Nationality: **JP**

hereby sells, assigns and transfers to

ASSIGNEE:

Name: **KRONES AG**

Address: **Boehmerwaldstrasse 5
93073 Neutraubling, Germany**

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest, including right to sue for past infringement

☐ an undivided _____ percent (_____%) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☐ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

ELECTRON BEAM STERILIZATION APPARATUS

Name of inventor(s): SASAKI, Kazuaki; YOKOBAYASHI, Takayasu; and TAKEDA, Shinichi

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in

- (a) ☐ U.S. patent application executed on even date herewith
- (b) ☐ U.S. patent application executed on: _____
- (c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention.
- (d) ☐ U.S. application No: _____ filed on: _____
- (e) ☐ International application No: _____
- (f) ☒ U.S. patent No: 10,034,952 issued: July 31, 2018

(also check (g), if foreign application(s) is also being assigned)

- (g) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority.

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof;

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

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal this 20 day of April, 2023.

Signature of ASSIGNOR: _____

Name: Sadao MINO
Title: President

Witness: _____

Sasumu Tsubina

Witness: _____

Hiroaki Takuda

Date: April 20, 2023

Date: April 20, 2023

IN WITNESS WHEREOF, I have hereunto set hand and seal this ____ day of _____, 2023.

Signature of ASSIGNEE: _____
Name:
Title:

Witness: _____ Witness: _____

Date: _____ Date: _____

Attorney's Docket No. HANNKE KNS01-1155

PATENT

ASSIGNMENT OF INVENTIONFor: ☐ U.S. and/or ☐ Foreign RightsFor: ☐ U.S. Application or☐ U.S. Provisional ApplicationFor: ☒ U.S. PatentFor: ☐ PCT ApplicationBy: ☐ Inventor(s) or ☒ Present Owner

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

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(inventor(s) or person(s) or entity(ies) who own the invention)

Name: **HITACHI Zosen CORPORATION**Address: **7-89, NANKO-KITA 1-CHOME, SUMINOE-KU, OSAKA-SHI
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and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)☒ the entire right, title and interest, including right to sue for past infringement☐ an undivided _____ percent (_____%) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)☐ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

PATENT

REEL: 063507 FRAME: 0705

0505-43

and which is found in

- (also check (g), if foreign application(s) is also being assigned)*

- and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof;

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

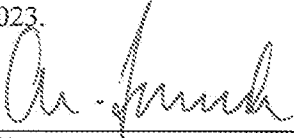
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

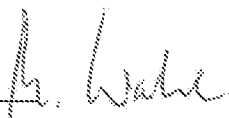
Signature of ASSIGNOR: _____
Name: _____
Title: _____

Date: _____ Date: _____

IN WITNESS WHEREOF, I have hereunto set hand and seal this ____ day of _____, 2023.

Signature of ASSIGNEE:


Name: Christoph Klenk
Title: Chief Executive Officer


Matthias Wahl
Head of Patent Department

Witness: 

Witness: 

Date: 24.04.23

Date: 24.04.2023