PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL ROBERT ADEMA	05/11/2016
GRAHAM HILL	05/11/2016

RECEIVING PARTY DATA

Name:	CHRISTIE DIGITAL SYSTEMS USA, INC.
Street Address:	10550 CAMDEN DR.
City:	CYPRESS
State/Country:	CALIFORNIA
Postal Code:	90630

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15153321

CORRESPONDENCE DATA

Fax Number: (416)920-1350

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: 416-920-8170

Email: tchokrev@pckip.com

Correspondent Name: PERRY + CURRIER INC.

Address Line 1: 1300 YONGE STREET

Address Line 2: SUITE 500

Address Line 4: TORONTO, CANADA M4T-1X3

ATTORNEY DOCKET NUMBER:	P5686US00
NAME OF SUBMITTER:	ZOYA TCHOKREV
SIGNATURE:	/Zoya Tchokrev/
DATE SIGNED:	05/12/2016

Total Attachments: 4

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PATENT 503824509 REEL: 038569 FRAME: 0295

WORLD-WIDE PATENT ASSIGNMENT

FROM

Daniel Robert ADEMA Graham HILL

Assignors

ΤO

CHRISTIE DIGITAL SYSTEMS USA, INC.

Assignee

1. DEFINITIONS

a) "Assignors" mean:

Daniel Robert ADEMA, an individual having an address at 225 Black Walnut Place, Kitchener, Ontario, Canada, N2P 1T5;

Graham HILL, an individual having an address at 67 Norman Street, Waterloo, Ontario, Canada, N2L 1G4;

Where the foregoing list only includes one individual, corporation or other entity, then the term "Assignors" as used herein shall be construed in the singular form "Assignor".

- b) "Assignee" means: CHRISTIE DIGITAL SYSTEMS USA, INC. a corporation organized under the laws of the State of California, having a place of business at 10550 Camden Dr., Cypress, CA 90630, including its successors and assigns.
- c) "Invention" means an invention made by the Assignors and entitled, **ROTATABLE HEAT SINK WITH INTERNAL CONVECTION**
- d) "Rights to the Invention" means, without limitation, all rights, titles, interests and claims of any nature in and to:

i)the Invention for Canada, the United States of America and all other foreign jurisdictions;

ii)all Patent Applications for the Invention for Canada, the United States of America and all other foreign jurisdictions ("Patent Applications");

iii)all Letters Patent that may be obtained for the Patent Applications ("Issued Patents");

iv)all continuations, continuations-in-part, re-examinations, reissues, requests for continued examination (RCE) and divisions of the Patent Applications and/or Issued Patents; and,

v)the right to claim priority under International Convention and/or Treaties for the Patent Applications and/or Issued Patents.

2. BACKGROUND

- a) The Assignee wishes to acquire the Rights to the Invention from the Assignors.
- b) Each of the parties agrees to be bound by the provisions of this Assignment.

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WORLD-WIDE PATENT ASSIGNMENT

PATENT REEL: 038569 FRAME: 0296 c) This Assignment replaces and supersedes any prior Assignments, whether oral or in writing, made between the parties, or any of them.

3. THE INVENTION

- a) In addition to other good and valuable consideration, Assignee paid in hand the sum of one dollar (\$1.00) to Assignors for the Rights to the Invention.
- b) Assignors hereby acknowledge the receipt and sufficiency of the consideration received from the Assignee.
- c) Assignors hereby sell, assign and transfer to the Assignee, its successors and assigns, the Assignors' Rights to the Invention.
- d) Assignors hereby authorize and request the Commissioner of Patents for Canada to issue Canadian Letters Patent for the Invention to the Assignee, for Assignee's sole use and benefit, to the full end of the term for which Canadian Letters Patent may be granted, as fully and entirely as the same would have been held by the Assignors had this Assignment not been made.
- e) Assignors hereby authorize and request the Commissioner of Patents (or the equivalent) for such other jurisdictions where Assignee files applications for the invention, to issue Letters Patent in that jurisdiction for the Invention to the Assignee, for the Assignee's sole use and benefit, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the Assignors had this Assignment not been made.
- f) Assignors hereby undertake without liability at any time upon request to do everything legally possible to assist the Assignee in the filing and prosecution of any patent application relating to the Invention in any jurisdiction, to sign such documents and do such things as may be required to give effective legal and registered title of the Assignee to the Invention in any jurisdiction, all without further consideration but at the expense of the Assignee.

4. APPLICABLE LAW AND INTERPRETATION

- a) This Assignment is governed and is to be construed and enforced in accordance with the internal laws of the Province of Ontario, without reference to its conflicts of laws principles.
- b) The invalidity or unenforceability of any provision of this Assignment will not affect the validity or enforceability of any other provision and the Assignment will be construed as if such invalid provision were omitted.
- c) The parties agree that there are no representations, warranties, collateral Assignments or conditions affecting this Assignment other than as expressed in this Assignment.

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WORLD-WIDE PATENT ASSIGNMENT

STATEMENT BY WITNESS
Signed in the presence of:

SIGNATURE OF ASSIGNOR

SIGNATURE OF ASSIGNOR

SIGNATURE OF ASSIGNOR

SIGNATURE OF ASSIGNOR

Daniel Robert ADEMA

Daniel Robert ADEMA

Materia Ontaria Nal 5L5
I hereby declare that I was personally present and did see Daniel Robert ADEMA who is personally known to me to be the person named in the assignment herein, duly sign and execute the same.

Date of Execution

d) The provisions of this Assignment are for the benefit of and are binding on the parties and their

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WORLD-WIDE PATENT ASSIGNMENT

STATEMENT BY WITNESS Signed in the presence of:	SIGNATUI
Debra Fitzgerald Having a Full Postal Address of:	
	Graham H
14 Mulberry Lane	
Waterloo, Ontario N2L5L5 I hereby declare that I was personally present and	
I hereby declaré that I was personally present and	11 4
did see Graham HILL who is personally known to	()
me to be the person named in the assignment	
herein, duly sign and execute the same.	
	Date of Ex
^	

SIGNATURE OF ASSIGNOR

MAY 2016

ecution

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PATENT

REEL: 038569 FRAME: 0299

RECORDED: 05/12/2016