#### 503173403 02/10/2015

# PATENT ASSIGNMENT COVER SHEET

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**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

### **CONVEYING PARTY DATA**

| Name              | Execution Date |
|-------------------|----------------|
| MICHAEL J. BECKER | 02/02/2015     |
| KEITH COPENHAGEN  | 02/03/2015     |
| MURRAY TAYLOR     | 02/06/2015     |

## **RECEIVING PARTY DATA**

| Name:           | CUBIC CORPORATION  |
|-----------------|--------------------|
| Street Address: | 9333 BALBOA AVENUE |
| City:           | SAN DIEGO          |
| State/Country:  | CALIFORNIA         |
| Postal Code:    | 92123              |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14064899 |

## CORRESPONDENCE DATA

Fax Number: (303)571-4321

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.

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Email: kfrancour@kilpatricktownsend.com

**Correspondent Name: FEI QIN** 

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ATTORNEY DOCKET NUMBER: 77205-904346 NAME OF SUBMITTER: **FEI QIN** SIGNATURE: /FEI QIN/ **DATE SIGNED:** 02/10/2015

**Total Attachments: 4** 

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> **PATENT** REEL: 034929 FRAME: 0577 503173403

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PATENT REEL: 034929 FRAME: 0578

Attorney Docket No.: 77205-904346 Client Reference No.: PD701C

#### COMBINED ASSIGNMENT AND DECLARATION OF PATENT APPLICATION

Title of Invention: TRAINING SYSTEM AND METHODS FOR DYNAMICALLY
INJECTING EXPRESSION INFORMATION INTO AN ANIMATED FACIAL MESH

Application No. 14/064,899, filed on October 28, 2013

#### ASSIGNMENT

WHEREAS, WE, Michael J. Becker, Half Moon Bay, CA 94019, a resident of the United States, Keith Copenhagen, Orinda, CA 94563, a resident of the United States, and Murray Taylor, Phoenix, MD 21131, a resident of the United States, are original joint inventors of the invention disclosed in the above-identified application for a United States Letters Patent;

WHEREAS, Cubic Corporation, a corporation of the State of Delaware having a principle place of business at 9333 Balboa Avenue, San Diego, CA 92123, hereinafter referred to as "Cubic," is desirous of acquiring an interest in the invention and application and in any United States Letters Patent and Registrations which may be granted on the same;

We have assigned Cubic all rights, title, and interest in and to the invention and application and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title, and interest is to be held and enjoyed by Cubic and Cubic's successors and assigns as fully and exclusively as it would have been held and enjoyed by me had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation, or extension thereof.

We further agree that we will, without charge to us, but at Cubic's expense, (a) cooperate with Cubic in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge, and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Cubic lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Cubic, or Cubic's successors and assigns. We waive any obligation of Cubic to file foreign counterparts on the invention or continue pursuit of prosecution of the invention and application and to all foreign counterparts, Cubic can in its sole discretion choose which countries to file foreign counterparts, unless we have previously informed Cubic in writing of any foreign counterparts we would like the option to pursue or prosecute.

We hereby authorize and request Kilpatrick Townsend & Stockton LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

#### DECLARATION

As the above named inventor, we hereby declare that:

- This declaration is directed to the application listed above and any applications related by priority that may include claims or claim elements supported in the application listed above.
- The above-identified application was made or authorized to be made by us.
- We believe that we are the original joint inventors of a claimed invention in the application.
- We hereby acknowledge 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 5 years, or both.

PATENT REEL: 034929 FRAME: 0579 Assignment and Declaration

Attorney Docket No.: 77205-904346

Title of Invention: TRAINING SYSTEM AND METHODS FOR DYNAMICALLY INJECTING

EXPRESSION INFORMATION INTO AN ANIMATED FACIAL MESH

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|          | IN TESTIMONY of both the | Assignment and Declaration, we have signed our names on the date indicated |
|----------|--------------------------|--|
| Dated: ˌ | 2/2/2015                 | Michael J. Becker  |
| Dated: _ |                          | Keith Copenhagen   |
| Dated: _ |                          | Murray Taylor  |

Assignment and Declaration

Attorney Docket No.: 77205-904346

Title of Invention: TRAINING SYSTEM AND METHODS FOR DYNAMICALLY INJECTING

EXPRESSION INFORMATION INTO AN ANIMATED FACIAL MESH

Page 2

IN TESTIMONY of both the Assignment and Declaration, we have signed our names on the date indicated.

| Dated:                                |                   |
|---------------------------------------|-------------------|
| · · · · · · · · · · · · · · · · · · · | Michael J. Becker |
| Dated: 2-3-2015                       |                   |
|                                       | Keith Spenhagen   |
| Dated:                                |                   |
|                                       | Murray Taylor     |

Assignment and Declaration

Attorney Docket No.: 77205-904346

Title of Invention: TRAINING SYSTEM AND METHODS FOR DYNAMICALLY INJECTING

EXPRESSION INFORMATION INTO AN ANIMATED FACIAL MESH

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Dated:

**RECORDED: 02/10/2015**