503553383 11/03/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT3600010

CONVEYING PARTY DATA

Name	Execution Date
Stephen William Mackman	09/15/2015
Steven Michael Hobbs	10/12/2015
WILLIAM DEL STROTHER	09/16/2015

RECEIVING PARTY DATA

Name:	DELCAM LIMITED
Street Address:	TALBOT WAY
Internal Address:	SMALL HEATH BUSINESS PARK
City:	BIRMINGHAM, WEST MIDLANDS
State/Country:	UNITED KINGDOM
Postal Code:	B10 0HJ

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14882306

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: (650) 839-5207 Email: apsi@fr.com **Correspondent Name: ZHENG LIU**

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	15786-0269001
NAME OF SUBMITTER:	MELISSA ALEXANDER
SIGNATURE:	/Melissa Alexander/
DATE SIGNED:	11/03/2015

Total Attachments: 4

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> **PATENT** REEL: 036952 FRAME: 0247 503553383

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> PATENT REEL: 036952 FRAME: 0248

ASSIGNMENT

STEVEN MICHAEL HOBBS

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, STEPHEN WILLIAM MACKMAN, STEVE HOBBS, and WILLIAM DEL STROTHER, each individually assign to DELCAM LIMITED, a corporation formed under the laws of the United Kingdom and having a principal place of business at Talbot Way, Small Heath Business Park, Birmingham, West Midlands B10 0HJ, United Kingdom, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "TIMING A MACHINE TOOL USING AN ACCELEROMETER," and was filed in the United States Patent and Trademark Office on October 13, 2015, as application 14/882,306 (the "Application"). We authorize the insertion of the filing date and application number above.

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment,

Assignment Page 1 of 2

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

S. Markenen	Date:	15	Sophenher	2015
STEPHEN WILLIAM MACKMAN				
	Date:			
STEVE HOBBS				
	Date:			
WILLIAM DEL STROTHER				

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Assignment Page 2 of 2

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

STEPHEN WILLIAM MACKMAN	Date:
STEVEN MICHAEL HOBES	Date: 12/10/2015
WILLIAM DEL STROTHER	Date:

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Assignment Page 2 of 2

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

STEPHEN WILLIAM MACKMAN	Date:
STEVE HOBBS	Date:
WILLIAM DEL STROTHER	Date: 16/09/2015

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