PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2793532

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARL A. JAGGER	07/03/2012
DEAN W. HACKER	06/28/2012
BENJAMIN M. WILKE	06/28/2012
SETH C. KELTO	06/28/2012
JESSICA E. FELTON	06/28/2012

RECEIVING PARTY DATA

Name:	AMS RESEARCH CORPORATION
Street Address:	10700 BREN ROAD WEST
City:	MINNETONKA
State/Country:	MINNESOTA
Postal Code:	55343

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29450446

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Email: MACARI@SUMIPLAW.COM
Correspondent Name: MATTHEW T. MACARI
Address Line 1: 601 CARLSON PARKWAY

Address Line 2: SUITE 1050

Address Line 4: MINNETONKA, MINNESOTA 55305

ATTORNEY DOCKET NUMBER:	AMS-3685D-5A	
NAME OF SUBMITTER:	MATTHEW T. MACARI	
SIGNATURE:	/Matthew T. Macari/	
DATE SIGNED:	03/31/2014	

Total Attachments: 4

source=685D5_Executed_Assignment#page1.tif source=685D5_Executed_Assignment#page2.tif

502746936 PATENT REEL: 032565 FRAME: 0693

source=685D5_Executed_Assignment#page3.tif source=685D5_Executed_Assignment#page4.tif

PATENT REEL: 032565 FRAME: 0694

ASSIGNMENT

WHEREAS, we, Karl A. Jagger, Deephaven, MN; Dean W. Hacker, Maple Grove, MN; Benjamin M. Wilke, Circle Pines, MN; Seth C. Kelto, Mound, MN; and Jessica E. Felton, Minneapolis, MN, have invented certain new and useful improvements in Patterned Implant, for which an application for Letters Patent of the United States has been made, and which may be identified in the United States Patent Office by Application No. 29/422,988 filed May 25, 2012.

WHEREAS, AMS Research Corporation ("Assignee"), a business entity organized and existing under the laws of the State of Delaware, and having its principal offices at 10700 Bren Road West, Minnetonka, Minnesota, 55343, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to us in hand paid by said Assignee, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said invention, said provisional/utility application, all applications claiming priority to said provisional/utility application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

We hereby authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the date of execution and/or filing date and application number of said application when ascertained.

We further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration we do hereby covenant and agree with the said Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of

PATENT REEL: 032565 FRAME: 0695 such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seal as dated below.

Date: 03 July 2012

Karl A. Jagger

Subscribed and sworn to before me

this 3nd

day of ______, 201

Notary Public

[Notary Seal]

NOTARY PUBLIC MINNYESOTA ANY COMMISSION EXPIRES 1-31-2015

Date: 28 JUNE 2012

Dean W. Hacker

Subscribed and sworn to before me

this 24h day

y of <u>UM</u>, 20

Notary Public

[Notary Seal]

DEBRA R. SKATTER
NOTARY PUBLIC MINNESOTA
WY COMMISSION EXPRESS 1-91-2015

Date: JONE 28 2012 <	Benjamin M. Wilke
Subscribed and sworn to before me this day of Ratter Notary Public	DEBRA R. SKATTER NOTARY PUBLIC. MINNESOTA NY COMMISSION EXPRES 1-31-2015
[Notary Seal] Date: 28 June 2012	
Subscribed and sworn to before me	Seth C. Kelto
this 28th day of June, 2012 Wella R. Skatter. Notary Public	DEBRA R. SKATTER NOTARY PUBLIC. MINNESOTA MY COMMISSION EXPINES 1-31-2015 ***********************************

[Notary Seal]

Application No. AMS-3685D-5

Date: 28 JUN 2012

Jessica E. Felton

Subscribed and sworn to before me

his day of

RECORDED: 03/31/2014

__, 2012

Notary Public

[Notary Seal]

4