502801491 05/08/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2848086

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK RUSSELL	05/07/2014

RECEIVING PARTY DATA

Name:	CUTTING & WEAR RESISTANT DEVELOPMENTS LIMITED	
Street Address:	COWLEY WAY, SMITHY WOOD	
Internal Address:	ECCLESFIELD	
City:	SHEFFIELD, SOUTH YORKSHIRE	
State/Country:	UNITED KINGDOM	
Postal Code:	S35 1QP	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13141457

CORRESPONDENCE DATA

Fax Number: (713)579-3002

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

US Mail.

Phone: 7135793001

Email: patents@keelinglaw.com

Correspondent Name: KEELING PATENTS & TRADEMARKS, LLC

Address Line 1: 3310 KATY FREEWAY, SUITE 200

Address Line 4: HOUSTON, TEXAS 77007

ATTORNEY DOCKET NUMBER:	1852.001
NAME OF SUBMITTER:	MARK S. SOLOMON
SIGNATURE:	/MSS 54740/
DATE SIGNED:	05/08/2014

Total Attachments: 3

source=Assignment_With_Cover_Sheet_2014_05_07#page1.tif source=Assignment_With_Cover_Sheet_2014_05_07#page2.tif source=Assignment With Cover Sheet 2014_05_07#page3.tif

PATENT 502801491 REEL: 032853 FRAME: 0459

RECORDATION FO	DRM COVER SHEET	
PATENTS ONLY		
	se record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
Mark Russell	Name: Cutting & Wear Resistant Developments, Ltd.	
Main i lussell	Internal Address: Cowley Way	
Additional name(s) of conveying party(ies) attached? Yes No		
3. Nature of conveyance/Execution Date(s): Execution Date(s) May 7, 2014	Street Address: Smithy Wood	
Execution Date(s) May 7, 2014 Assignment Merger	Ecclesfield	
Security Agreement Change of Name	City: Sheffield	
Joint Research Agreement	State: South Yorkshire	
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: Great Britain Zip: S35 1QP	
Other	Additional name(s) & address(es) attached? Yes	
4. Application or patent number(s):	document serves as an Oath/Declaration (37 CFR 1.63).	
A. Patent Application No.(s)	B. Patent No.(s)	
13/141,457		
Additional numbers atta	ached? Yes No	
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Keeling Patents & Trademarks, LLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$0.00	
Internal Address: Attn: Kenneth A. Keeling	7. Total ree (3/ CFR 1.21(II) & 3.41) \ \phi^{-1-2}	
i 	Authorized to be charged to deposit account	
Street Address: 3310 Katy Freeway, Suite 200	Enclosed	
I	None required (government interest not affecting title)	
City: Houston	8. Payment Information	
State: TX Zip: 77007	I	
Phone Number: 713-579-3001		
Docket Number: 1852.001	Deposit Account Number 11-0307	
Email Address: patents@keelinglaw.com	Authorized User Name Mark S. Solomon	
9. Signature: Mark & Johnsen	May 8, 2014	
Signature Mark S. Solomon	Date	
Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	
Documents to be recorded (including cover sheet)	 ,	

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of Ten U.S. Dollars (\$10.00), the receipt of which is hereby acknowledged, and for good and valuable consideration,

ASSIGNOR:

Mark Russell

Thorn House, Low Bradfield, Sheffield, South

Yorkshire, S6 6LB, Great Britain

hereby sells, assigns, and transfers to

ASSIGNEE:

Cutting & Wear Resistant Developments Limited Cowley Way, Smithy Wood, Ecclesfield, Sheffield,

South Yorkshire, S35 1QP, Great Britain

and the successors, assigns, and legal representative of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions 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:

Wear Piece Element and Method of Construction

and which is found in U.S. Application Serial No. 13/141,457, filed July 15, 2011, naming the above inventor for the above-entitled invention; and in to all Letters Patent to be obtained for said invention by the above application or any national stage entry, continuation, division, renewal, or substitute thereof, and as to letters patent of any reissue or reexamination thereof.

ASSIGNOR hereby authorizes the U.S. Commissioner of Patents and Trademarks and all foreign patent offices to issue respective Letters of Patent to ASSIGNEE, and the entire right, title, and interest in and to the same, for its sole use and behoof; and for the use and behoof of its successors and assigns, to the full end of the term(s) for which said Patent(s) may be granted, as fully and entirely as the same would have been held by me had this assignment not been made.

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 the ASSIGNOR hereby assign said invention to the ASSIGNEE and I the ASSIGNEE hereby accept said assignment and have hereunto set hand and seal on the following dates.

This assignment shall be effective May $v7$,	2014.
Mark Russell, Inventor ASSIGNOR,	07.05.2014 Date
Mark Russell, Managing Director for and on behalf of ASSIGNEE	07.05,2014 Date
Signed by both parties before me: STEPHEN DELGON Witness name]	[Witness signature]
16 William Avenue Williamsher	
Rotherman S66 ZAX	

[Witness address]