505175437 11/05/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5222205

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW MACK	11/05/2018

RECEIVING PARTY DATA

Name:	HORNADY MANUFACTURING COMPANY
Street Address:	3625 OLD POTASH HIGHWAY
City:	GRAND ISLAND
State/Country:	NEBRASKA
Postal Code:	68803

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16180610	

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NAME OF SUBMITTER:	A. KEITH CAMPBELL
SIGNATURE:	/Keith Campbell/
DATE SIGNED:	11/05/2018

Total Attachments: 2

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PATENT 505175437 REEL: 047412 FRAME: 0424

ASSIGNMENT

ASSIGNOR:	Matthew Mack				
	Status:	an individual			
	Address:	4349 Cambridge Road			
	City:	Grand Island	State/Zip:	NE 68803	
ASSIGNEE:	Hornady M	anufacturing Company			
	Status:	A Nebraska Corporation			
	Address:	3625 Old Potash Highway			
	City:	Grand Island	State/Zip:	NE 68803	
TITLE OF INV	ENTION:	MEDIA SIFTER FOR BU	LLET CASINGS		
U.S. PATENT S	SERIAL NO.	:U.S	. FILING DATE:_		
ATTY DOCKE	T NO.:	4988U.018			

WHEREAS, the Assignor having made the above invention and filed application for Letters Patent of the United States thereon, and the Assignee is desirous of acquiring the same. In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby assigns to the Assignee, including its successors, assigns, heirs, administrators, all of the Assignor's rights, title and interest in and to the invention and the patent application therefore identified herein and to any and all patents which may evolve therefrom;

NOW, THEREFORE, Assignor intending to be legally bound, hereby assigns, transfers and delivers unto Assignee, its successors, legal representatives and assigns, all rights, title and interest in, to and under the Patent Application, including all other rights associated with the invention, including, without limitation, the right to sue for and collect damages for any past infringement of the Patents, and all patent applications related thereto including, but not limited to, all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues and all other applications for patent which have been or shall be filed in the United States and all foreign countries on the inventions based upon the invention; all original, reissued and reexamined patents and extensions thereof which have been or shall be issued in the United States and all foreign countries on the invention to the full end of the term or terms for which the Patents may be granted, as fully and entirely as the same would have been held by the undersigned Assignor had this Agreement not been made; and specifically including all rights of priority created by the Patent under any treaty, convention or law relating thereto.

Assignor agrees, when requested, to carry out in good faith the intent and purpose of this Agreement, to execute and deliver to Assignee, all non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues, and all other patent applications on the inventions; all lawful oaths, declarations, assignments, powers of attorney and other papers; communicate to Assignee all facts known to

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Assignor relating to the invention and the history thereof; and generally do everything possible which Assignee shall consider desirable for vesting title to the invention in Assignee, and for securing, maintaining and enforcing proper patent protection for the inventions; the Assignor agrees to execute any papers or perform any acts required to establish, vest or protect the Assignee's rights therein or required by Assignee to obtain said patent, without any additional payment therefor, but without any expense to Assignor.

Date//5//8	Inventor // / / / / / / / / / / / / / / / / /
/ / —	Matthew Mack
STATE OF)
COUNTY OF))
marvidual, to me known to be the pe	2018, personally appeared Matthew Mack, the above named rson described in, and who executed the foregoing assignment instrument and the same on his own free will for the purpose therein expressed.
 JODI :	Notary Public Parish Davis State of Nebraska S. DAVIES Ap. May 24, 2019. Personally known Mart Mark Or Product Identification Type of Identification Produced

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RECORDED: 11/05/2018