

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANDREAS FEHLNER	11/08/2018
THOMAS WOLF	11/08/2018
ANDREAS HENN	11/12/2018
STEFFEN NEEB	11/12/2018
NICKLAS RAYMOND NORRICK	11/12/2018
JENS FORCHE	11/12/2018
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16191508
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<b>ATTORNEY DOCKET NUMBER:</b>	A-6181
<b>NAME OF SUBMITTER:</b>	RALPH E LOCHER
<b>SIGNATURE:</b>	/ralph e locher/
<b>DATE SIGNED:</b>	11/21/2018
<b>Total Attachments: 1</b>	



## ASSIGNMENT

WHEREAS We, **ANDREAS FEHLNER, THOMAS WOLF, ANDREAS HENN, STEFFEN NEEB, NICKLAS RAYMOND NORRICK** and **JENS FORCHE**, residing respectively at Mannheim, Heidelberg, Neckargemuend, Bensheim, Heddesheim and Mannheim, Germany, have invented certain new and useful improvements in a

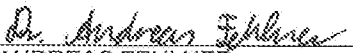
### METHOD FOR DETECTING A DEFECTIVE PRINT NOZZLE USING A VARIABLE PRINT NOZZLE TEST PATTERN

for which an application for Letters Patent of the United States of America was executed on the date of execution of this assignment;

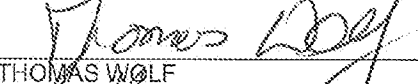
WHEREAS, **HEIDELBERGER DRUCKMASCHINEN AG** (hereinafter Assignee), a German corporation doing business at Heidelberg, Germany is desirous of acquiring the entire interest in and to the invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for sufficient consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, its legal representatives, successors and assigns, the full and exclusive right in and to the said invention as fully set forth and described in the above-mentioned application, and to the application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of the Letters Patent, the same to be held and enjoyed by the said Assignee, its legal representatives, successors and assigns, to the full end of the term, for which the Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us, had this assignment and sale not been made.

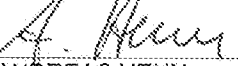
AND WE hereby authorize the said Assignee to make an application for Letters Patent and the Director to issue any and all Letters Patent of the United States on the invention or resulting from the application and from any and all divisions and continuations thereof to the said Assignee, as the assignee of the entire right, title and interest in and to the same.

  
ANDREAS FEHLNER (L.S.)

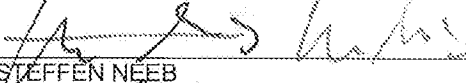
8. 11. 2018  
Date

  
THOMAS WOLF (L.S.)

8. 11. 2018  
Date

  
ANDREAS HENN (L.S.)


12. 11. 2018  
Date

  
STEFFEN NEEB (L.S.)

12. 11. 2018 12. 11. 2018  
Date

  
NICKLAS RAYMOND NORRICK (L.S.)

12. 11. 2018  
Date

  
JENS FORCHE (L.S.)

12. 11. 2018  
Date