PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| JAMES D. VANBORTEL | 03/17/2017 |
| MICHAEL N. SOURES | 03/17/2017 |
| DONALD E. THRESH | 03/17/2017 |
| JONATHAN IRELAND | 03/17/2017 |
| BRUCE H. SMITH | 03/17/2017 |

RECEIVING PARTY DATA

| Name: | XEROX CORPORATION | | |
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| State/Country: | CONNECTICUT | | |
| Postal Code: | 06856-4505 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | | | |
|---------------------|----------|--|--|--|
| Application Number: | 15477502 | | | |

CORRESPONDENCE DATA

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| Total Attackments . O | |
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| DATE SIGNED: | 04/03/2017 |
| SIGNATURE: | /Jon Gibbons/ |
| NAME OF SUBMITTER: | JON GIBBONS |
| ATTORNEY DOCKET NUMBER: | 20161221US01 |

Total Attachments: 2

PATENT REEL: 041827 FRAME: 0776

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PATENT REEL: 041827 FRAME: 0777

Attorney File No.: 20161221US01

<u>ASSIGNMENT</u>

| entitled AN OBJECT HOLDE | amed inventor(s) (the "Inventor(s)") on a United States patent application R FOR A DIRECT-TO-OBJECT PRINTER (the "Application") for inventions he "Invention(s)"), which Application: |
|--|---|
| Ⅺ is being executed | concurrently herewith, |
| ☐ was first executed | on |
| ☐ was filed on las A | pplication Number . |
| Claims the benefit | of U.S. Provisional Application(s) No(s). filed . |
| | rk Corporation, on behalf of itself, its successors and assigns, and its legal entitled to all rights in the Application and the Invention(s), and the full |
| assign(s), and transfer(s) to 2 the Invention(s), in and for applications, patents, design (| le receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), (erox the entire and exclusive right, title and interest in the Application and the United States, its territories, and all foreign countries, including all egistrations and publications obtained or derived therefrom, world wide, and sent or future conventions and treaties, and any provisional applications for Application; and |
| | sioner of Patents to issue all U.S. Letters Patent granted thereon to Xerox; oly for and receive all foreign Letters Patent thereon; |
| | pers and take all actions necessary or desirable in connection therewith |
| | equently enter the Application Number on this Assignment, if not aiready |
| - Well Vall (1 | 3×17×17 |
| James D. VANBORTEL | DATE |
| Survey of St. | |

DATE

DATE

DATE

3-17-17

3-/7-/7 Broce H. SMITH DATE

Michael N. SOURES

Donald E. THRESH

Jonathan IRELAND

Attorney File No.: 20161221US01

ASSIGNMENT

| The | unders | signed | is/are | the | named | inventor(s |) (the | "Inventor(s | i)") on a | United | States | patent | application |
|-------|--------|---------|--------|------|----------|-------------|-------------|--------------|-----------|------------------|------------------|----------|-------------|
| entit | led AN | OBJE | CT H | DLD | ER FOR | A DIREC | <u>T-TO</u> | -OBJECT P | RINTER | ₹ (the "/ | Applicati | on") for | inventions |
| disc | osed o | r claim | ed the | rein | (the "In | vention(s)" |), whi | ch Applicati | on: | | | | |

| is being executed concurrently herewith. □ was first executed on | |
|---|---|
| was filed on as Application Number. | |
| ☐ claims the benefit of U.S. Provisional Application(s) No(s). filed . | |
| Kerox Corporation, a New York Corporation, on behalf of itself, its successors are representatives ("Xerox"), is entitled to all rights in the Application and the Incooperation of the Inventor(s). | |
| For valuable consideration, the receipt of which is hereby acknowledged, the Invassign(s), and transfer(s) to Xerox the entire and exclusive right, title and interesthe Invention(s), in and for the United States, its territories, and all foreign applications, patents, design registrations and publications obtained or derived the all priority rights under all present or future conventions and treaties, and any prowhich priority is claimed in the Application, and | it in the Application and countries, including all prefrom, world wide, and |
| 1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent gra | inted thereon to Xerox; |

- (2) agree that Xerox may apply for and receive all foreign Letters Patent thereon;(3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by Xerox; and
- (4) authorize Xerox to subsequently enter the Application Number on this Assignment, if not already entered above.

| James D. VANBORTEL | DATE |
|------------------------------------|----------------------|
| Michael N. SOURES | DATE |
| Donald E. THRESH Jonathan IRELAND | DATE 03/17/2017 DATE |
| Rnice H SMITH | DATE |

PATENT REEL: 041827 FRAME: 0779