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Christopher M. Brown

Additional name(s) of conveying party(is) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: February 17, 2000

2. Name and address of receiving party(is)

Name: Mutoh Industries Ltd.

Internal Address: \_\_\_\_\_

Street Address: 1-3, Ikejiri 3-chome,  
Setagaya-ku, Tokyo 154-0001, Japan

City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application,  
the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

Serial No. 09/511,854, February 23, 2000

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David C. Hanson

Internal Address: Webb Ziesenheim Loqsdon

Orkin &amp; Hanson, P.C.

Street Address: 700 Koppers Building

436 Seventh Avenue

City: Pittsburgh State: PA ZIP: 15219-1818

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

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April 18, 2001  
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☐ Other \_\_\_\_\_

Execution Date: February 17, 2000

2. Name and address of receiving party(ies)

Name: MUTOH INDUSTRIES, LTD.

Internal Address: \_\_\_\_\_

Street Address: 1-3 Ikejiri 3-chome,Setagaya-ku, Tokyo 154-0001, Japan

City: \_\_\_\_\_

State: \_\_\_\_\_

ZIP: \_\_\_\_\_

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Name: David C. HansonInternal Address: Webb Ziesenheim LogsdonOrkin & Hanson, P.C.Street Address: 700 Koppers Building436 Seventh AvenueCity: Pittsburgh State: PA ZIP: 15219-18186. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) .....\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

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David C. Hanson

Name of Person Signing

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Reg. No. 23,024

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Assistant Commissioner for Patents, Box Assignments  
Washington, D.C. 20231PATENT  
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# ASSIGNMENT

WHEREAS, I, CHRISTOPHER M. BROWN, residing in Phoenix, Arizona, have invented certain new and useful improvements in a "INKJET PRINTER CAPABLE OF MINIMIZING CHROMATIC VARIATION IN ADJACENT PRINT SWATHS WHEN PRINTING COLOR IMAGES IN BIDIRECTIONAL MODE" for which I have this day executed an application for United States Letters Patent;

AND, WHEREAS, MUTOH INDUSTRIES LTD., a corporation of Japan, having a place of business at 1-3 Ikejiri 3-chome, Setagaya-ku, Tokyo 154-0001, Japan, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made.

The Assistant Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. I covenant that I am the lawful owner of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that I have the full right to make this assignment.

And for the consideration aforesaid, I agree that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon my heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

EXECUTED February 17, 2000.

  
\_\_\_\_\_  
Christopher M. Brown