

Mid 10-26-98

11-04-1998

R SHEET



100868157



To the Honorable commissioner  
Please record the attached orig

1. Name of conveying party(ies):  
Walter Bender, Daniel Gruhl

Additional name(s) of conveying  
party(ies) attached? \_\_\_\_\_ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: May 21, 1998

2. Name and address of receiving party(ies):

Name: Massachusetts Institute of Technology

Street Address: 77 Massachusetts Avenue

City: Cambridge

State: MA Zip: 02139

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

4. Application number(s) or patent number(s): Serial No. 09/060,639 Filed April 15, 1998

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

A. Patent Application No.(s)

B. Patent No. (s)

Additional numbers attached? \_\_\_\_\_ Yes ☒ No

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

Name: Heather B. Shapiro  
Cesari and McKenna, LLP

Street Address: 30 Rowes Wharf

City: Boston State: MA Zip: 02110

6. Total number of applications and  
patents involved:..... 1

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

\_\_\_\_ Authorized to be charged to deposit  
account

8. Deposit account no. 03-1237 (Attach duplicate  
copy of this page if paying by deposit account)

11/03/1998 JSHABAZZ 00000131 09060639

FC:581

40.00 DP

DO NOT USE THIS SPACE

File OK

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true  
copy of the original document.

*Heather B. Shapiro*

Heather B. Shapiro Reg. No. 41,305

October 26, 1998

Date

Total number of pages comprising cover sheet: 4

PATENT  
REEL: 9550 FRAME: 0499

### ASSIGNMENT

Whereas We, Walter Bender, who reside at 22 Central Street, Auburndale, Massachusetts 02166, and Daniel Gruhl, who reside at 143 Albany Street, Apt. 413B, Cambridge, Massachusetts 02139, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled METHOD AND APPARATUS FOR DATA HIDING IN PRINTED IMAGES, identified by Cesari and McKenna File No. 109026-0044, the specification of which was filed on April 15, 1998, and accorded Serial Number 09/060,639; and

Whereas Massachusetts Institute of Technology, whose address is 77 Massachusetts Avenue, Cambridge, MA 02139, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer, and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same Assignee without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including

petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

May 21, 1998      Walter Bender  
Date      Walter Bender, Inventor

Commonwealth of Massachusetts )  
 )ss.  
County of Middlesex )

On this 21<sup>ST</sup> day of May, 1998, before me appeared Walter Bender, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

James Edward Blanchflower  
Notary Public  
My Commission expires 8/30/2002

[seal]

  
Daniel Gruhl, Inventor

Commonwealth of Massachusetts )  
 )ss.  
County of Middlesex )

On this 21<sup>st</sup> day of May, 1998, before me appeared Daniel Gruhl, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

James Edmund Blanchard  
Notary Public  
My Commission expires 8/30/2002

[seal]