

11-12-1998



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SHEET

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy(ies) thereof:

<p>1. Name(s) of conveying party(ies): MRD 11-5-98</p> <p>Maridana L. Whitlow J. Kirk McGlothlan Jeffrey J. Anderson Randy C. Karambelas Richard Schmachtenberg, III</p>	<p>2. Name and address of receiving party:</p> <p>Tektronix, Inc. 26600 S.W. Parkway Avenue P.O. Box 1000 (63-LAW) Wilsonville, OR 97070-1000</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment</p> <p><input type="checkbox"/> Other: _____</p> <p>Execution Date: <u>01/04/93, 01/05/93, 01/05/98, 10/07/93</u></p>	

4. Application or patent number(s):

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

<p>A. Patent Application No(s).</p> <p>08/742,225</p>	<p>B. Patent No(s).</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Charles F. Moore Tektronix, Inc. P.O. Box 1000 (63-LAW) Wilsonville, OR 97070-1000</p>	<p>6. Total Number of applications and patents involved: 1</p>
	<p>7. Total Fee (37 CFR 3.41) \$ 40.00</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account.</p>
	<p>8. Deposit account number 20-0352</p>

DO NOT USE THIS SPACE

10. Statements 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.

<p>Charles F. Moore Name of Person Signing</p>	<p> Signature</p>	<p>11/2/98 Date</p>
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DN: 5578 US 1 Total number of pages including cover sheet, attachments and document: 6

11/10/1998 SBURNS 00000050 200352 06742225
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ASSIGNMENTI/We, MARIDANA L. WHITLOW, J. KIRK MCGLOTHLAN,JEFFREY J. ANDERSON, RANDY C. KARAMBELAS AND RICHARD SCHMACHTENBERG,have invented certain new and useful improvements in IMPROVED INK JETPRINT HEADS AND METHODS FOR PREPARING THEM,for which an application for United States Letters Patent was executed by me/us on January 4,5,7, 1993;

Tektronix, Inc., (hereinafter called Assignee), an Oregon corporation whose address is 26600 S.W. Parkway Avenue, P. O. Box 1000, Wilsonville, Oregon 97070-1000 desires to acquire my/our entire right, title and interest in and to said improvements and said application;

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, I/We hereby assign and transfer to Assignee my/our entire right, title and interest in and to said improvements throughout the world, and in and to said application, including any continuation(s) or division(s) thereof, and any Letters Patent or other protective right(s) that may be granted therefor in the United States and in any and all foreign countries, including the right to file in foreign countries applications for protection of said improvements claiming priority from said applications.

I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and corresponding officials in any and all foreign countries to issue said Letters Patent(s) or protective right(s) to Assignee as the assignee of my/our entire right, title and interest therein, for the sole use and benefit of Assignee.

I/We hereby agree to communicate to Assignee or its legal representatives any facts known to me/us relating to said improvements, to testify as to the same in any interference or legal proceeding concerned therewith, to execute promptly and deliver to Assignee or its legal representatives upon request any and all papers, instruments, declarations and affidavits required to apply for, obtain, maintain and enforce Letters Patent(s) or other protective right(s) for said improvements throughout the world, and generally to do everything necessary or desirable to vest and perfect title thereto in Assignee.

This assignment is binding upon me/us and my/our heirs, successors and personal representatives, and shall inure to the benefit of Assignee, its successors, assigns and nominees.

Sole or First Inventor

Maridana L. Whitlow
Signature
Name Maridana L. Whitlow
Address 7250 SW Juniper
Beaverton, Oregon 97005

Signed at Beaverton, Oregon
City - StateDate January 7, 1993

Second Inventor:

J. Kirk McGlothlan
 Signature
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 Address: 9200 SW Parkview Loop
 Beaverton, Oregon 97005

Signed at Wilsonville, Oregon
 City - State
 Date 4 Jan 93

Third Inventor:

Jeffrey J. Anderson
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 Name: Jeffrey J. Anderson
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Signed at Wilsonville, Oregon
 City - State
 Date 5 Jan 1993

Fourth Inventor:

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 Address: 13435 SW 22nd
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 City - State
 Date 1/4/93

Fifth Inventor:

Richard Schmachtenberg III
 Signature
 Name: Richard Schmachtenberg III
 Address: 7159 SW 180th Place
 Aloha, Oregon 97007

Signed at Wilsonville, Oregon
 City - State
 Date 1/5/93

STATE OF OREGON)
County of Washington) ss

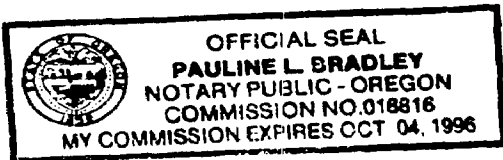
Before me personally appeared Maridana L. Whitlow and acknowledged the foregoing instrument to be his/her/their free act and deed this 7 day of January, 1993.

Gail M. Floyd
Notary Public for Oregon
My Commission expires: 2-25-93

STATE OF OREGON)
County of Clackamas) ss

Before me personally appeared J. Kirk McGlothlan and acknowledged the foregoing instrument to be his/her/their free act and deed this 4th day of January, 1993.

Pauline L Bradley
Notary Public for Oregon
My Commission expires: Oct. 4, 1996



STATE OF OREGON)
) ss
County of Clackamas)

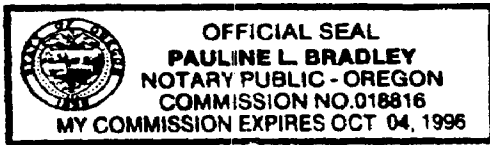
Before me personally appeared Jeffrey J. Anderson and acknowledged the foregoing instrument to be his/her/their free act and deed this 5th day of January, 1993.



Marilyn R. Pashby
Notary Public for Oregon
My Commission expires: 4-27-96

STATE OF OREGON)
) ss
County of Clackamas)

Before me personally appeared Randy C. Karambelas and acknowledged the foregoing instrument to be his/her/their free act and deed this 4th day of January, 1993.



Pauline L. Bradley
Notary Public for Oregon
My Commission expires: Oct 4, 1996

STATE OF OREGON)
) ss
County of Clackamas)

Before me personally appeared Richard Schmachtenberg III and acknowledged the foregoing instrument to be his/her/their free act and deed this 5th day of January, 1993.

Marilyn R. Fashby
Notary Public for Oregon
My Commission expires: 4-27-96

