

5/28/04

06-03-2004

Docket No.: 4085/263/27 SD

FORM PTO-1595
1-31-92

102756994

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

TROPIX, INC.

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

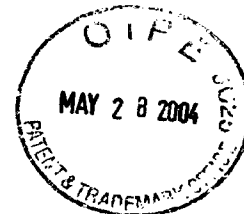
3. Nature of Conveyance:

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

Execution Date: 05-17-2004

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

Name: APPLERA CORPORATION

Address: 35 Wiggins Avenue
Bedford, MA 01730Additional name(s) and 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) 06/887,139
09/654,499B. Patent No.(s) 5,625,077
5,326,882Additional numbers attached? ☒ Yes ☐ No

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

Supervisor, Patent Prosecution Services
PIPER RUDNICK LLP
1200 Nineteenth Street, N.W.
Washington, D.C. 20036-2412
Telephone No. (202) 861-3900
Facsimile No. (202) 223-2085

6. Total applications and patents involved: 85

7. Total fee (37 CFR 3.41):

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-1442

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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.

Steven B. Kelber

Name of Person Signing

Signature

May 28, 2004

Date

Registration Number: 30,073

Total number of pages including this cover sheet: 16

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PATENT
REEL: 015361 FRAME: 0074

CONTINUATION OF
LIST OF PROPERTIES FOR RECORDATION
FROM FORM PTO-1595

PATENTS

5,112,960	5,648,555	5,654,154	6,183,978
5,094,939	5,753,436	5,851,771	6,113,816
5,756,770	5,543,295	5,827,650	6,287,767
4,978,614	5,582,980	5,831,102	6,602,657
4,956,477	5,593,828	5,800,999	6,355,441
5,220,005	4,962,192	5,866,389	6,602,658
5,145,772	5,386,017	5,777,133	6,140,495
4,931,569	5,004,565	RE36,536	6,686,171
5,342,966	4,959,182	5,849,495	6,555,698
4,952,707	5,652,345	5,994,073	6,690,399
4,931,223	6,107,024	5,847,161	6,451,531
5,177,241	5,891,626	5,869,705	6,586,196
5,639,907	5,679,802	5,869,699	6,322,727
5,336,596	5,773,628	5,856,522	6,518,068
5,330,900	5,707,559	6,022,964	6,417,380
5,538,847	6,133,459	6,132,956	6,346,615
5,637,747	5,783,381	6,243,980	6,514,717
5,605,795	5,679,803	5,981,768	5,225,584
5,547,836	5,840,919	6,124,478	5,763,681

CONTINUATION OF
LIST OF PROPERTIES FOR RECORDATION
FROM FORM PTO-1595

PATENT APPLICATIONS

09/759,152
09/945,661
10/083,474
10/323,667
10/323,669

Assignment

WHEREAS, **TROPIX, INC.**, a corporation organized under the laws of the State of Delaware, United States of America (hereinafter referred to as "ASSIGNOR"), is the owner of the entire right, title, and interest in and to the inventions, and the patents and applications directed thereto, as described in the documents listed in Schedules A, B, C and D appended hereto (the "Inventions"); and

WHEREAS, **APPLERA CORPORATION**, a corporation organized under the laws of State of Delaware, United States of America (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the full and exclusive right in and to said Inventions and all documents and things relating to the conception, reduction to practice and/or practice of the Inventions (the "Related Documents"), and the entire right, title and interest in and to any and all Letters Patent which have been or may be granted for the Inventions in the United States and its territorial possessions and to any and all Letters Patent which have been or may be granted for the Inventions in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, does sell, assign and transfer unto said ASSIGNEE the full and exclusive right, title and interest in the United States and its territorial possessions and in any and all foreign countries in and to said Inventions and Related Documents, including the right to sue for past infringement and all rights pursuant to 35 U.S.C. § 154, in and to any and all Letters Patent which have been or may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, continuations, substitutions, reexaminations, renewals and reissues thereof.

ASSIGNOR hereby authorizes and requests the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said

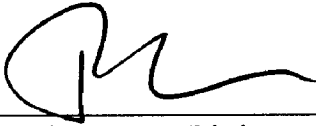
ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR, at the request of and at no cost to ASSIGNEE, with the sole exception of out-of-pocket expenses reasonably incurred, shall execute all such further documents as ASSIGNEE may reasonably require to fully vest ownership of the Inventions in ASSIGNEE.

ASSIGNOR:

TROPIX, INC.


Date: 5/17/04

By: 
Thomas P. Livingston
Secretary

ASSIGNEE:

APPLERA CORPORATION

Date: 5/12/04

By: 
Thomas P. Livingston
Secretary

SCHEDULE A (TROPIX)

Docket No.	Serial No.	Filing Date	Patent No.	Issue Date
4085-004-25 CONT	07/619,526	January 18, 1991	5,625,077	April 29, 1997
4085-005-27	07/849,086	April 30, 1992	5,326,882	July 5, 1994
4085-006-27 CIP	07/574,786	August 30, 1990	5,112,960	May 12, 1992
4085-007-27	07/382,112	July 19, 1989	5,094,939	March 10, 1992
4085-008-27 CIP	07/630,635	December 20, 1990	5,756,770	May 26, 1998
4085-009-27 CIP	07/382,125	July 20, 1989	4,978,614	December 18, 1990
4085-013-27 DIV	07/411,387	September 22, 1989	4,956,477	September 11, 1990
4085-014-27 CIP	07/574,787	August 30, 1990	5,220,005	June 15, 1993
4085-016-27 FWC	07/767,566	September 30, 1991	5,145,772	September 8, 1992
4085-017-27	07/244,006	September 14, 1988	4,931,569	June 5, 1990
4085-018-27 DIV	07/517,322	May 1, 1990	5,342,966	August 30, 1994
4085-020-27	07/213,672	June 30, 1988	4,952,707	August 28, 1990
4085-021-27 CIP	07/213,344	June 30, 1988	4,931,223	June 5, 1990
4085-022-27 CONT	07/537,788	June 14, 1990	5,177,241	January 5, 1993

4085-023-27 FWC	07/959,531	October 13, 1992	5,639,907	June 17, 1997
4085-029-27	07/811,620	December 23, 1991	5,336,596	August 9, 1994
4085-033-27 DIV	07/806,928	December 12, 1991	5,330,900	July 19, 1994
4085-039-27	08/057,903	May 7, 1993	5,538,847	July 23, 1996
4085-045-27 CONT	07/948,423	September 22, 1992	5,637,747	June 10, 1997
4085-048-27 FWC	08/255,795	June 7, 1994	5,605,795	February 25, 1997
4085-050-27 CIP	08/031,471	March 15, 1993	5,547,836	August 20, 1996
4085-051-27 CONT	08/045,136	April 12, 1993	5,648,555	July 15, 1997
4085-057-27 FWC	08/401,285	March 9, 1995	5,753,436	May 19, 1998
4085-059-27 DIV	08/233,085	April 25, 1994	5,543,295	August 6, 1996
4085-061-27 CIP	08/231,673	April 25, 1994	5,582,980	December 10, 1996
4085-062-27 CONT	08/233,850	April 26, 1994	5,593,828	January 14, 1997
4085-075-27 CONT	07/290,373	December 29, 1988	4,962,192	October 9, 1990
4085-076-27 DIV	07/484,923	February 26, 1990	5,386,017	January 31, 1995
4085-077-27 CIP	07/224,681	July 27, 1988	5,004,565	April 2, 1991
4085-078-27 DIV	07/317,585	March 1, 1989	4,959,182	September 25, 1990
4085-080-27 CONT	08/186,461	January 25, 1994	5,652,345	July 29, 1997

4085-081-27 CONT	07/677,097	March 29,1991	6,107,024	August 22, 2000
4085-083-27 CONT	08/021,022	February 22, 1993	5,891,626	April 6, 1999
4085-084-27 CONT	08/433,996	May 4, 1995	5,679,802	October 21, 1997
4085-085-27	08/339,085	November 14, 1994	5,773,628	June 30, 1998
4085-087-27 DIV	07/023,649	March 9, 1987	5,707,559	January 13, 1998
4085-088-27 CONT	07/265,890	November 2, 1988	6,133,459	October 17, 2000
4085-097-27	08/545,174	October 19, 1995	5,783,381	July 21, 1998
4085-101-27	08/547,372	October 25, 1995	5,679,803	October 21, 1997
4085-104-27 CIP	08/544,172	October 17, 1995	5,840,919	November 24, 1998
4085-107-27 CONT	08/588,260	January 18, 1996	5,654,154	August 5, 1997
4085-108-27 CONT	08/588,810	January 19, 1996	5,851,771	December 22, 1998
4085-109-27 CONT	08/590,352	January 23, 1996	5,827,650	October 27, 1998
4085-110-27 CONT	08/598,353	February 8, 1996	5,831,102	November 3, 1998
4085-114-27	08/767,479	December 16, 1996	5,800,999	September 1, 1998
4085-119-27 CONT	08/767,282	December 16, 1996	5,866,389	February 2, 1999
4085-121-27 CONT	08/791,050	January 28, 1997	5,777,133	July 7, 1998

4085-129-27 REISSUE	08/958,342	October 27, 1997	RE36,536	January 25, 2000
4085-130-27 CONT	08/811,539	March 4, 1997	5,849,495	December 15, 1998
4085-131-27 CONT	08/850,009	May 1, 1997	5,994,073	November 30, 1999
4085-134-27 DIV	08/874,408	June 13, 1997	5,847,161	December 8, 1998
4085-135-27 CONT	08/911,271	August 14, 1997	5,869,705	February 9, 1999
4085-139-27 CIP	08/871,963	June 10, 1997	5,869,699	February 9, 1999
4085-141-27 CONT	08/882,330	June 25, 1997	5,856,522	January 5, 1999
4085-144-27 CONT	08/904,847	August 1, 1997	6,022,964	February 8, 2000
4085-151-27 CONT	08/964,552	November 5, 1997	6,132,956	October 17, 2000
4085-153-27	09/035,820	March 6, 1998	6,243,980	June 12, 2001
4085-167-27 CONT	09/157,620	September 21, 1998	5,981,768	November 9, 1999
4085-169-27 CONT	09/138,664	August 24, 1998	6,124,478	September 26, 2000
4085-172-27	09/148,782	September 4, 1998	6,183,978	February 6, 2001
4085-174-27 CONT	09/182,416	October 30, 1998	6,113,816	September 5, 2000
4085-178-27 CONT	09/190,181	November 12, 1998	6,287,767	September 11, 2001
4085-193-27	08/579,787	December 28, 1995	6,602,657	August 5, 2003
4085-199-27	09/362,047	July 28, 1999	6,355,441	March 12, 2002

4085-206-27 CONT	09/296,540	April 22, 1999	6,602,658	August 5, 2003
4085-207-27 CONT	09/296,539	April 22, 1999	6,140,495	October 31, 2000
4085-208-27	09/307,797	May 10, 1999	6,686,171	February 3, 2004
4085-209-27	09/441,064	November 16, 1999	6,555,698	April 29, 2003
4085-212-27	09/565,385	May 5, 2000	6,690,399	February 10, 2004
4085-213-27 CONT	09/340,726	June 29, 1999	6,451,531	September 17, 2002
4085-215-27	09/459,982	December 14, 1999	6,586,196	July 1, 2003
4085-222-27 CONT	09/537,693	March 29, 2000	6,322,727	November 27, 2001
4085-223-27	09/621,961	July 21, 2000	6,518,068	February 11, 2003
4085-225-27 CONT	09/631,300	August 2, 2000	6,417,380	July 9, 2002
4085-227-27 CONT	09/656,213	September 6, 2000	6,346,615	February 12, 2002
4085-247-27 CONT	09/960,932	September 25, 2001	6,514,717	February 4, 2003
E & A #41165 FWC	07/680,783	April 3, 1991	5,225,584	July 6, 1993
E & A #41165 DIV	08/086,702	July 2, 1993	5,763,681	June 9, 1998

SCHEDULE B (TROPIX)

Docket No.	Serial No.	Filing Date
4085-086-27	06/887,139	July 17, 1986
4085-226-27	09/654,499	September 1, 2000
4085-235-27 CIP	09/759,152	January 16, 2001
4085-246-27 CONT	09/945,661	September 5, 2001
4085-252-27 CONT	10/083,474	February 27, 2002
4085-255-27 CONT	10/323,667	December 20, 2002
4085-256-27 CONT	10/323,669	December 20, 2002

SCHEDULE C (TROPIX)

Docket No.	Serial No.
4085-005-27 CIP PCT	PCT/US91/06096
4085-008-27 CIP PCT	PCT/US92/01530
4085-009-27 CIP PCT	PCT/US90/03920
4085-010-27 PCT	PCT/US87/00554
4085-017-27 PCT	PCT/US89/03836
4085-020-27 PCT	PCT/US89/02793
4085-021-27 CIP PCT	PCT/US89/02792
4085-026-27 CIP PCT	PCT/US89/00016
4085-027-27 PCT	PCT/US89/00015
4085-029-27 PCT	PCT/US92/10803
4085-050-27 PCT	PCT/US94/02549
4085-057-27 PCT	PCT/US94/14866
4085-063-27 PCT	PCT/US94/04555
4085-073-27 PCT	PCT/US95/01506
4085-085-27 PCT	PCT/US95/13476
4085-117-27 PCT	PCT/US96/14390
4085-172-27 PCT	PCT/US99/20014
4085-193-27 WO	PCT/US96/20650
4085-199-27 PCT	PCT/US99/17094
4085-208-27 PCT	PCT/US00/11726
4085-209-27 PCT	PCT/US99/26005

4085-215-27 PCT	PCT/US99/29550
4085-223-27 PCT	PCT/US00/19845
4085-226-27 PCT	PCT/US00/24043
4085-235-27 PCT	PCT/US01/00684
4085-251-27 PCT	PCT/US02/00022
E&A#41165WO	PCT/US90/04919

SCHEDULE D (TROPIX)

Docket No.	Application No.
4085-010-27 Canada	553645
4085-017-27 Canada	611491
4085-020-27 Canada	604316
4085-021-27 Canada	604311
4085-024-27 Canada	587441
4085-016-27 Canada	604507
4085-016-27 France	8908844
4085-016-27 Germany	P3921609.8
4085-016-27 Great Britain	8914749.0
4085-047-27 DIV Japan	324674/92
4085-055-27 DIV EPC France	93114829.0
4085-055-27 DIV EPC Germany	93114829.0
4085-055-27 DIV EPC Great Britain	93114829.0
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4085-077-27CIP DIV 3 Japan	236759/91
4085-077-27CIP EPC Great Britain	89113627.7
4085-077-27CIP Taiwan	78105726
4085-086-27 EPC Austria	87108978.5
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4085-086-27 EPC Sweden	87108978.5
4085-086-27 EPC Switzerland	87108978.5
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4085-093-27 Canada	616729
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4085/102/27SD Japan	01-188682
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