

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kevin Hanrahan	05/29/2007

RECEIVING PARTY DATA

Name:	INTRI-PLEX TECHNOLOGIES, INC.
Street Address:	751 South Kellogg Avenue
City:	Goleta
State/Country:	CALIFORNIA
Postal Code:	93117

PROPERTY NUMBERS Total: 14

Property Type	Number
Patent Number:	6046885
Patent Number:	6063508
Patent Number:	6069772
Patent Number:	6141868
Patent Number:	6183841
Patent Number:	6185072
Patent Number:	6191921
Patent Number:	6372314
Patent Number:	6372315
Patent Number:	6399179
Patent Number:	6625871
Patent Number:	6631553
Patent Number:	6634084
Patent Number:	6634085

CORRESPONDENCE DATA

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PATENT
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40543-0002

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Total Attachments: 3

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CONFIRMATORY ASSIGNMENT

WHEREAS, Kevin Hanrahan ("Assignor") is the named inventor or co-inventor with respect to the following Letters Patents and Patent Applications of the United States which have been filed in the United States Patent Office or are to be filed in the United States Patent Office:

Letters Patents:

Patent Number:	Issued Date:	Title:
5,833,777	November 10, 1998	Hardened Flange & Soft Hub (Method)
5,973,885	March 07, 2000	Tapered Inner Barrel
6,033,755	December 26, 1999	Base Plate Without Flange
6,046,885	April 4, 2000	Step In Flange Baseplate
6,063,508	May 16, 2000	Swageable Base Plate With Gram Load Offset and Adjustment Feature
6,069,772	May 30, 2000	Fold-Over Base Plate (Method)
6,141,868	November 7, 2000	Press-In Attachment (Apparatus)
6,183,841	February 6, 2001	Optimized Low Profile Swage Mount
6,185,072	February 6, 2001	Fold-Over Base Plate (Apparatus)
6,191,921	February 20, 2001	Hardened Flange and Soft Hub (Apparatus)
6,368,685	April 9, 2002	Base Plate With Snap-Through Hub Configuration
6,372,314	April 16, 2002	Toothed Base Plate
6,372,315	April 16, 2002	Slotted Base Plate
6,399,179	June 4, 2002	Disk Drive With Stress Isolation CIP of D-1451
6,625,871	September 30, 2003	Thermoplastic Actuator Arm
6,631,553	October 14, 2003	Press-In Attachment Method DIV of D-1462
6,634,084	October 21, 2003	Thermoplastic Arm DIV #1 of D-1456
6,634,085	October 21, 2003	Thermoplastic Arm DIV #2 of D-1456
7,190,555	March 13, 2007	Micro-Hub Swage Mount for Attachment of Suspension Assembly in Hard Disk Drive

Patent Applications:

Serial Number:	Filing Date:	Title:
11/142,096	June 1, 2005	Tolerance Ring With High Axial Static Friction
11/059,813	February 17, 2005	Tolerance Ring With Debris-Reducing Profile
11/504,961	August 16, 2006	Method for Reducing Surface Particle Shedding Of Disc Drive Actuator
11/493,965	July 27, 2006	Discrete Mounting Arm for Hard Disk Drive and Method for Making the Same
Not Yet Filed	Not Yet Filed	Damper For US In Data Storage Applications

11/504,161	August 15, 2006	Tolerance Ring for A Pivot Actuator in A Data Storage Unit Having Various End Tab Designs To Prevent Interlocking During Shipping and Handling
11/508,083	August 22, 2006	Tolerance Ring for Data Storage with Cut-Out Feature for Mass Control
11/519,270	September 11, 2006	Tolerance Ring for Data Storage with Overlapping Tab Feature for Mass Control
11/504,316	August 15, 2006	Tolerance Ring Having Variable Height and/or Asymmetrically Located Bumps
10/241,609	September 10, 2002	Plated Base Plate for Suspension Assembly in Hard Disk Drive
11/447,766	June 6, 2006	Method for Making a Base Plate for Suspension Assembly in Hard Disk Drive
10/899,983	July 27, 2004	Micro-hub Swage Mount for Attachment of Suspension Assembly in a Hard Disk Drive
Not Yet Filed	Not Yet Filed	Method of Softening Base Plat Hub
Not Yet Filed	Not Yet Filed	Chip Die Cavity within an HIS Lid Inset Cavity
Not Yet Filed	Not Yet Filed	Nickel Plated Discrete Actuator Arm
Not Yet Filed	Not Yet Filed	Nickel Plated Copper Base Plate
Not Yet Filed	Not Yet Filed	Load Beam Lock Swage Mount
Not Yet Filed	Not Yet Filed	Metal Plated Polymer Actuator Arm for Disk Drive
Not Yet Filed	Not Yet Filed	Attachment of Magnetic Recording Head to Discrete Actuator Arm with Locking Suspension Tabs
Not Yet Filed	Not Yet Filed	Tolerance Ring for Hard Disk Drive with Opposing Facing Bumps for Pivot Bearing Torque Ripple Reduction, Cleanliness, Insertion Force Reduction and Integral Lead-In
Not Yet Filed	Not Yet Filed	Tolerance Ring for Hard Disk Drive with Cut-Out Features for Reducing Bump Stiffness
Not Yet Filed	Not Yet Filed	Improved Visco-Elastic Damping Material with Strain-Inducing Fibers

WHEREAS, Intri-Plex Technologies, Inc., a California corporation ("IPT"), having a principal place of business at 751 S. Kellogg Street, Goleta, California 93117, is desirous of confirming its ownership of the foregoing Letters Patent and Patent Applications, foreign and domestic.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, has sold, assigned, transferred and set over, unto IPT, its successors, legal representatives and assigns, Assignor's entire right, title and interest in, to and under said patents and patent applications, foreign and domestic, including all claims, causes of action and any and all other rights arising out of, relating to, or on account of the foregoing, and all provisional and utility applications and all divisions, renewals and continuations thereof, and all Letters Patents and Patent Applications of the United States, which may be granted on any patent applications and all reissues and extensions thereof, and all priority rights under the International Convention for the

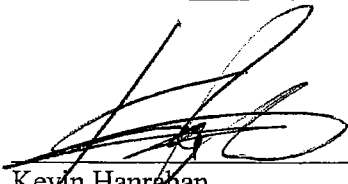
Protection of Industrial Property for every country of the Union, and all applications for Letters Patents and Patent Applications which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patents and Patent Applications which may be granted in any country or countries foreign to the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents, on applications as aforesaid, to issue all Letters Patents and Patent Applications to IPT, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

Assignor, on behalf of himself, his successors and assigns, hereby irrevocably and unconditionally releases, acquits and forever discharges IPT, and all persons acting by, through, under or in concert with any it, and its affiliates, subsidiaries, heirs, successors, assigns, agents, employees, shareholders, officers, directors, attorneys, and representatives (collectively "Representatives") or any of them, from any and all charges, contracts, complaints, claims, liabilities, obligations, promises, agreements, controversies, damages, actions, causes of action, suits, rights, demands, costs, losses, debts and expenses (including attorneys' fees and costs actually incurred) of any nature whatsoever, known or unknown, suspected or unsuspected, which Assignor (or anyone claiming through him) now has, owns or holds, or claims to have, own or hold, or which Assignor (or anyone claiming through him) heretofore had, owned or held, or claimed to have, own or hold, against IPT or its Representatives, arising out of, with respect to, or in connection with the foregoing Letters Patent and Patent Applications, foreign and domestic, and any and all intellectual property rights and other claims which are assigned to IPT pursuant to this instrument (collectively, the "Released Claims").

Assignor understands and agrees that each of the foregoing releases is a full, complete and final general release of any and all claims described as aforesaid, and that said releases shall apply to all unknown, unanticipated, unsuspected and undisclosed claims, demands, liabilities, actions or causes of action, in law, equity or otherwise, as well as those which are now known, anticipated, suspected or disclosed with respect to the Letters Patent and Patent Applications. Assignor waives any and all rights and benefits conferred upon him by the provisions of Section 1542 of the Civil Code of the State of California, which provides as follows: "A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor."

Assignor represents and warrants that he has not assigned or transferred any right to, or interest in, the Released Claims to any person or entity, other than to IPT or pursuant to this Agreement.

IN TESTIMONY WHEREOF, I hereunto set my hand this 29 day of ^{May}~~April~~, 2007.



Kevin Hanrahan
Assignor