09-19-2001



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ITORNEY DOCKET NO: M-12110 US

SHEET Y

PATENT AND TRADEMARK OFFIC

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF Name of conveying party(ies) 2. Name and address of receiving party(ies): (a) Ron J. Kadlec Name: Dataplay, Inc. (b) Hans B. Wach 2560 55th Street Street Address: Christopher J. Turner City: Boulder Colorado 80301 Additional name(s) of conveying party(ies) attached? Country: USA No. Yes 3. Nature of Conveyance: Name and address of receiving party(ies): Assignment Merger Name: Security Agreement Change of Name Street Address: City: State: Zip: Other Country: Execution Date: 8/31/01 Additional name(s) & address(es) attached? \Box 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: 8/31/01 Patent Application No.(s) - {Patent Application Numbers} Patent No.(s) Calibration Of Focus Error Signal Offset In A Focus Servo System \boxtimes Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Gary J. Edwards Internal Address: SKJERVEN MORRILL MacPHERSON LLP Street Address: 25 METRO DRIVE, SUITE 700 7. Total fee (37 CFR 3.41): \$40.00 City SAN JOSE State CA Zip 95110 Authorized to be charged to Deposit Account 19-2386 Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 09/18/2001 TDIAZ1 00000204 192386 09950392 19-2386 any amounts overpaid D1 FC:581 40,00 CH DO NOT USE THIS SPACE 8. 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. Gary J. Edwards Name of Person Signing

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PATENT REEL: 012161 FRAME: 0977

Total number of pages including cover sheet, attachments, and documents: 3

Attorney Docket No.: M-12110 US

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Ron J. Kadlec	of	Longmont, Colorado
Hans B. Wach	of	Longmont, Colorado
Christopher J. Turner	of	Niwot, Colorado

hereby sell, assign and transfer to Dataplay, Inc., a Delaware corporation, having a place of business at 2560 55th Street, Boulder, Colorado 80301, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

Calibration Of Focus Error Signal Offset In A Focus Servo System

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

ussignoe, its successors and assigns.
Executed this 31 day of Qugust, 2001.
Ron J. Kadlon
RON J. KADLEC
State of Colorado) County of Boulder)
County of Boulder)
on \[\cdot
SIGNATURE OF NOTARY

My Commission Expires 2/14/2005

Executed this 315 day of August, 2001.
A.C.
HANS B. WACH
State of Color adv)
State of Colorado) County of Boulder) ss.
on 8.310 before me, Diano J. Tuylov personally appeared personally appeared personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument J. 74. NATNESS my half and official seal. SIGNATURE OF NOTARY
My Commission Expires 2/14/2005 August August CHRISTOPHER J. TURNER
State of Colorado) ss. County of Boulder)
on 8.31 601 before me, Dans J. Lay by personally appeared Christopher J. Luvner personally know to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal. SIGNATURE OF NOTARY Ny Contribution Expires 2/14/2005

PATENT REEL: 012161 FRAME: 0979