02-08-2002 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 REC 101977199 2001 Staas & Haisey LLP To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): 1. George P. PINHO 2. Name and Address of receiving party(ies): Christie Digital Systems Inc. Address 809 Wellington Street North Kitchener, Ontario, N2G 4Y7, CANADA 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date(s): 4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application: January 14, 2002 The execution date(s) of the application is/are: (a) The title is: INTENSE BRIGHTNESS OPTICAL SYSTEM (b) *** OR *** This document is being filed after filing of the application: Patent Application No(s). _____, filed _____ (a) . issued (b) Patent No(s). Name and address of party to whom correspondence concerning document should be mailed: 5. STAAS & HALSEY LLP Our Docket: 1657.1002 Attention: J. Randall Beckers 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001 Total number of applications and patents involved: __1 6. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment) 7. Enclosed _X_ Authorized to be charged to deposit account. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) 8. (Attach duplicate copy of this page if paying by deposit account) Statement and signature. 9. 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. 0000001 1100000 0000001 1005900B

J. Randall Beckers, Reg. No. 30,358 Name of Person Signing Date

Total number of pages including cover sheet: 3

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WORLDWIDE ASSIGNMENT

WHEREAS, I, George P. PINHO, residing at 163 Dalecroft Place, Waterloo, Ontario, N2T 2T1, Canada, have invented certain new and useful improvements in an invention entitled INTENSE BRIGHTNESS OPTICAL SYSTEM for which an application for United States Letters Patent will be filed; and

WHEREAS, CHRISTIE DIGITAL SYSTEMS INC., a company organized and existing under the laws of Ontario, having a place of business at 809 Wellington Street North, Kitchener, Ontario, N2G 4Y7, Canada, is desirous of acquiring the full and exclusive right, title and interest in and to said application inclusive of any and all priority rights derived therefrom and the inventions therein disclosed, and in and to all Letters Patent, both United States and foreign, to be granted for said inventions;

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, I do hereby sell, assign, transfer, and set over unto the said CHRISTIE DIGITAL SYSTEMS INC., its successors and assigns, the full and exclusive right, title and interest in and to the aforesaid application for United States Letters Patent inclusive of any and all priority rights derived therefrom, and the invention therein disclosed, and in and to all Letters Patent and issues thereof which may be granted upon said application and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said application, and in and to any and all Letters Patent which may be granted for said inventions in any foreign country or countries; the same to be held and enjoyed by the said CHRISTIE DIGITAL SYSTEMS INC, for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made:

AND I hereby agree to execute, upon request, any and all further papers which may be necessary or desirable to enable the said **CHRISTIE DIGITAL SYSTEMS INC.**, its successors and assigns, to file and prosecute said application, and any and all substitutes, divisions, or continuations

PATENT REEL: 012545 FRAME: 0346 thereof, and any and all reissues of the Letters Patent granted upon said application, or upon any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on said invention; and I further agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of said **CHRISTIE DIGITAL SYSTEMS INC.**, its successors and assigns, in and to said application and the inventions therein disclosed, and in and to any and all Letters Patent and reissues thereof, both United States and foreign, which may be granted upon said application, and any substitutes, divisions, or continuations thereof, and upon any foreign applications.

AND I hereby authorize and request The Commissioner of Patents to issue each and every Letters Patent to be granted upon the aforesaid application for United States Letters Patent, and upon any and all substitutes, divisions, and continuations of said application, and each and every reissue of said Letters Patent, to the said **CHRISTIE DIGITAL SYSTEMS INC.**, its successors and assigns, as the Assignee of the entire right, title and interest therein, in accordance with this assignment.

WITNESS my hand at * kitchener, ONT.
this * 14 day of * January, 2002

George P. PINHO

Witness:

RECORDED: 01/30/2002

PATENT REEL: 012545 FRAME: 0347