

07-01-1998

Form PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/95)



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88-01-6-22-98 MPA

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record the attached original documents or copy thereof.

1. Name of conveying party(ies): William P. Robbins Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies): Name: Discovision Associates Internal Address: P.O. Box 19616 Street Address: 2355 Main Street, Suite 200 City: Irvine, State: CA ZIP: 92614 Additional name(s) and address(es) attached? Yes No

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: May 5, 1998

4. Application number(s) or patent number(s): 08/400,141 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No

6. Total number of applications and patents involved: [1]

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Ronald J. Clark Internal Address: Discovision Associates P.O. Box 19616 Street Address: City: Irvine State: CA ZIP: 92623

7. Total fee (37 CFR 3.41) . . . \$ 40.00 Enclosed Authorized to be charged to deposit account

8. Deposit Account Number: 04-1175

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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. Arthur Bickel Name of Person Signing Signature Date 6/17/98 Total number of pages including cover sheet, attachments and document: []

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Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT OF APPLICATION AND PATENT

WHEREAS, I, WILLIAM P. ROBBINS residing at 2 Windsor Terrace - Clifton, Bristol, BS8 4LW United Kingdom, have invented a certain new and useful SEARCH OPERATION, for which I have made application for Letters Patent of the United States under Serial No. 08/400,141 filed on March 7, 1995 under Attorney Docket No. 951041(GB)USD7 PDDD;

WHEREAS, Discovision Associates, a California Partnership duly organized and existing under and by virtue of the laws of the State of California, and having a place of business at 2355 Main Street, Suite 200, Irvine, California 92614, is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be had therefor;


NOW THEREFORE, to all whom it may concern, be it known, that for good and valuable consideration, to me in hand paid, the receipt of which is hereby acknowledged, I, said WILLIAM P. ROBBINS sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over unto said Discovision Associates, the whole right, title, and interest in and to said SEARCH OPERATION and any and all improvements disclosed in the aforesaid application for patent, as fully set forth and described therein, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent derived from the aforesaid application which have been or shall be filed in the United States and in and to the United States Letters Patent to be issued thereon for the territory of the United States, and all corresponding foreign counterpart applications derived from the aforesaid United States patent application as prepared for and filed in any and all foreign countries, said whole right, title, and interest in and to said SEARCH OPERATION being the same for said Discovision Associates' own use and for the use of its assigns, successors, and legal representatives 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 and enjoyed by me had this assignment and sale not been made.

And I, for myself, my heirs, assigns, and legal representatives hereby covenant to and with said assignee Discovision Associates, its assigns, successors, and legal representatives, that I have full right to sell and assign the entire interest in and to said invention and the Letters Patent to be had therefor and that the entire interest herein conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance whatsoever. And I also, for myself, my heirs, assigns, and legal representatives hereby further covenant to and with said assignee Discovision Associates, its assigns, successors, and legal representatives to fully cooperate therewith in prosecution of the aforesaid application in the United States Patent and Trademark Office and in any and all foreign jurisdictions, said cooperation including the execution of additional declarations, assignments, and other formal documents as may be required in connection therewith.

File No.: 951041(GB)USD7 PDD

PATENT

And I do hereby authorize and request the United States Commissioner of Patents to issue Letters Patent to said Discovision Associates, as the assignee of our entire right and title therein.



WILLIAM P. ROBBINS L.S.

Date: 05 MAY 98.

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RECORDED: 06/22/1998

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