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DEPARTMENT OF COMMERCE

EET

Patent and Trademark Office

Docket No. ELG051 US1 (24779-7009)

FINANCE SECTION

102517746

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): Name of conveying party(ies): Jeffrey L. Sharp ELO TOUCHSYSTEMS, INC. Chris Dews Name: Helen E. N. Armstrong, Trustee of Armstrong Family Trust 6500 Kaiser Drive Address: State: CA ☐ Association City: Fremont General Partnership ☐ Limited Partnership Zip Code: 94555 ☐ Corporation-State ☐ Other 8-4-07 Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No Nature of conveyance: 3. Additional name(s) & address(es) attached? ☐ Yes ☑ No ☐ Merger Assignment ☐ Change of Name Security Agreement Other: Execution Date: June 30, 2003; July 2, 2003; July 8, 2003 Application number(s) or patent number(s): 10/389,391 If this document is being filed with a new application, the execution date of the application is: B. Patent No.(s): A. Patent Application No.(s): Additional numbers attached? ☐ Yes ■ No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: * document should be mailed: Total fee (37 C.F.R. § 3.41): \$40.00 David T. Burse Enclosed Bingham McCutchen LLP Authorized to be charged to deposit account, referencing Three Embarcadero Center, Suite 1800 Attorney Docket No. ELG051 US1 (24773-7009). San Francisco, CA 94111-4067 8. Deposit account number: 50-2518 The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 50-2518 DO NOT USE THIS SPACE 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. Date: 7/30/0.7 Name: Michael J. Bolan Signature Registration No. 42,339 Total number of pages comprising cover sheet, attachments and document: 4 Mail documents to be recorded with required cover sheet information to: U.S. Patent and Trademark Office Office of Public Records

> Box Assignments Crystal Gateway 4, Room 335 Washington, D.C. 20231

LA:40243736.1/2024773-7013552001

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PATENT REEL: 014343 FRAME: 0027

Docket/Reference No.: ELG051 US1

(24773-7009)

ASSIGNMENT

WHEREAS, I/we.

Jeffrey L. Sharp, Chris Dews and Don Armstrong, Deceased

("INVENTOR(S)"), citizen(s) of United States of America, and residing at 35937 Gaskell Court, Fremont, CA 94537; 5029 Queensbury Circle, Fredericksburgh, VA 22408; 41918 Benbow Drive, Fremont, CA 94539; and 19 Debbie Lane, Belmont, CA 94002, respectively, have made a new and useful invention that is the subject of an application for United States Letters Patent thereon ("APPLICATION"), entitled

WATER TOLERANT TOUCH SENSOR

	for which I/we have this day executed the application papers for submission concurrently herewith to the United States Patent and Trademark Office; or
\boxtimes	which was filed on March 14, 2003 and has been assigned U.S. Application Serial No. 10/389,391; and

WHEREAS,

ELO TOUCHSYSTEMS, INC. ("ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the State of Tennessee, having its principal place of business at 6500 Kaiser Drive, Fremont, California 94555,

is desirous of acquiring the exclusive right, title, and interest in and to the APPLICATION and in and to any Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I/we, the INVENTOR(S), do hereby sell, assign, transfer, and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest in and to the APPLICATION and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

Name	Signature	Date
Jeffrey L. Sharp	Afry L. Sung	2 July 2003
Chris Dews		
Helen E. N. Armstrong,		
Trustee of Armstrong Family		
Trust		

Rev. 10/97

Docket/Reference No.: ELG051 US1

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Jeffrey L. Sharp		
Chris Dews	Il. W. San	7/8/03
Helen E. N. Armstrong, Trustee of Armstrong Family Trust		

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Chris Dews		
Helen E. N. Armstrong. Trustee of Armstrong Family Trust	Helen) E. N. Armstrong	Ce/30/03

TYCO (7009) - Assignment (5)

RECORDED: 08/04/2003

Rev. 10/97

PATENT

REEL: 014343 FRAME: 0030