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To the Honorable Commissioner of Patents and

1. Name of conveying party(ies):

Haruhiko H. Asada
Stephen Mascaro
Kuo-Wei Chang

MRD
8-4-99

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Massachusetts Institute of TechnologyAddress: 77 Massachusetts AvenueCity: CambridgeState/Prov.: MACountry: USZIP: 02139

Additional name(s) & address(es)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: July 16, 1999

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.

Filing date

B. Patent No.(s)

09/253,437

February 19, 1999

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jean M. TibbettsRegistration No. 43,193Address: BROMBERG & SUNSTEIN LLP125 Summer Street8/05/1999 TTRAM1 00000013 092534373 FC:58140.00 DPCity: BostonState/Prov.: MACountry: USZIP: 02110

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

19-4972

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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.

Jean M. Tibbetts

Name of Person Signing

Jean M. Tibbetts

Signature

August 2, 1999

Date

5

Total number of pages including cover sheet, attachments, and

PATENT

REEL: 010143 FRAME: 0412

ASSIGNMENT

ASSIGNOR(S): Haruhiko H. Asada
Stephen Mascaro
Kuo-Wei Chang

ASSIGNEE: Massachusetts Institute of Technology
77 Massachusetts Avenue
Cambridge, MA 02139

STATE OF INCORPORATION OF ASSIGNEE: Massachusetts

TITLE: Finger Touch Sensors and Virtual Switch Panels

ATTORNEY DOCKET: 1118/157

APPLICATION NO.: 09/253,437

FILED: February 19, 1999

Assignor is the sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) of the above invention (the "Invention" described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

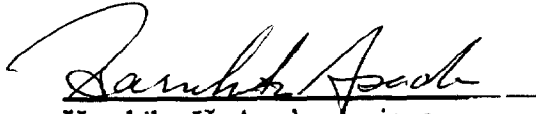
For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the

following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

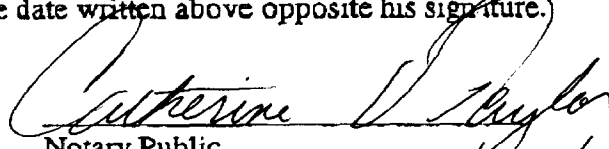
IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: June 24, 1999


Haruhiko H. Asada, Assignor

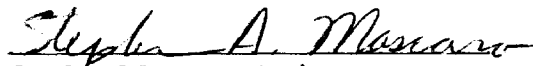
STATE OF MASS)
COUNTY OF MIDDLESEX) ss.

Before me, a notary public in and for said county and state, personally appeared Haruhiko H. Asada, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.


Notary Public
My Commission Expires: 3/26/2004

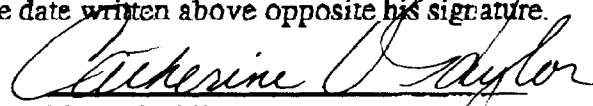
(seal)

Date: June 24, 1999

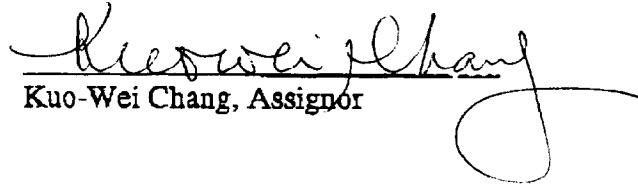

Stephen Mascaro, Assignor

STATE OF MASS)
COUNTY OF MIDDLESEX) ss.

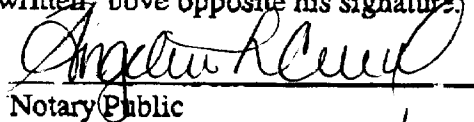
Before me, a notary public in and for said county and state, personally appeared Stephen Mascaro, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.


Notary Public
My Commission Expires: 3/26/2004

(seal)

Date: July 16, 1999
Kuo-Wei Chang, AssignorSTATE OF MASS)
COUNTY OF Middlesex) ss.

Before me, a notary public in and for said county and state, personally appeared Kuo-Wei Chang, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.


Notary PublicMy Commission Expires: 5/26/00

(seal)

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