

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SONY COMPUTER ENTERTAINMENT AMERICA LLC  
Petitioner

v.

APLIX IP HOLDINGS CORPORATION  
Patent Owner

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Case No. IPR2015-00230  
Patent No. 7,463,245

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**PETITIONER'S DEMONSTRATIVE EXHIBITS**

*INTER PARTES* REVIEW  
U.S. PATENT NO. 7,667,692

ORAL ARGUMENT, JAN. 19, 2016

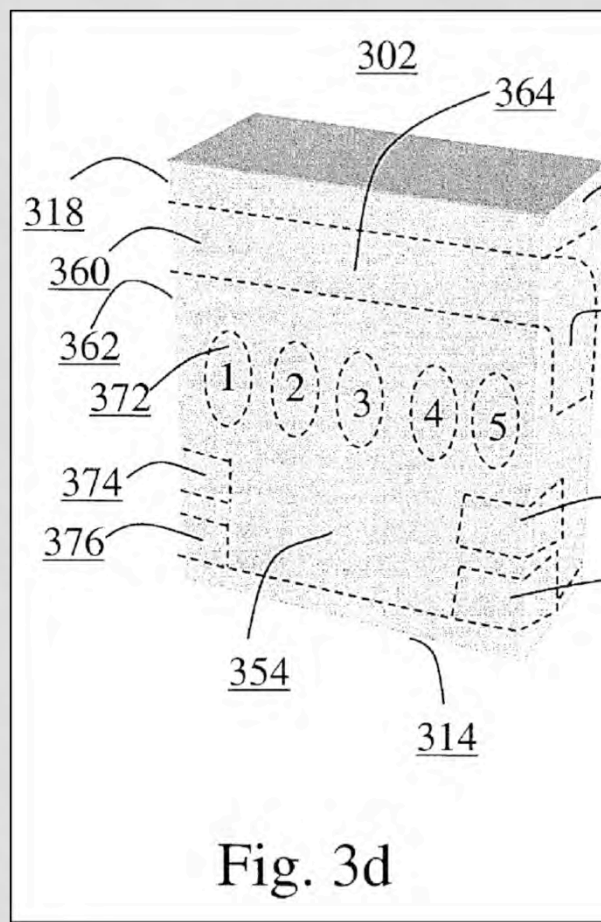
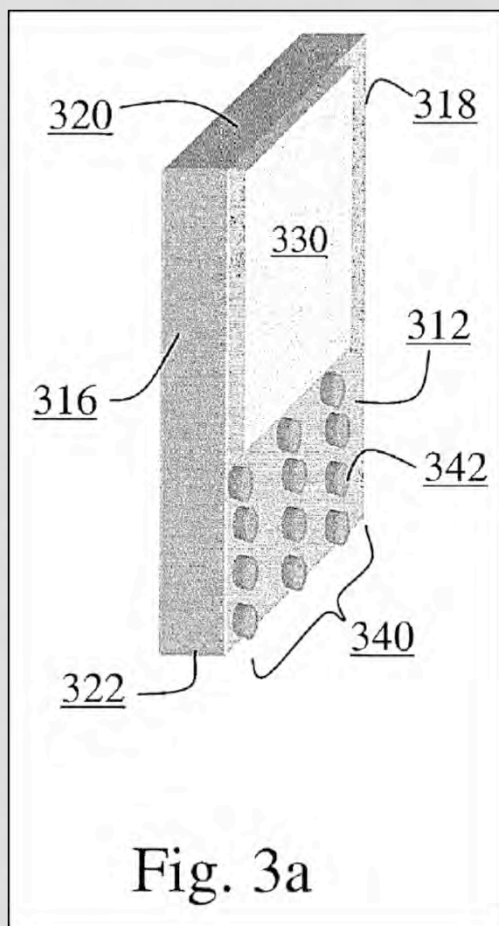
Sony Computer Entertainment America LLC v. Aplix IP Holdings Corporation  
Case IPB2015-00000; U.S. Patent No. 7,667,692

# '692 PATENT - ABSTRACT

A human interface configured to optimize a biomechanical effect of a human user's opposing thumb and fingers by including, on one surface, one or more software configurable input elements manipulatable by a user's thumb(s) or a stylus, and, on another surface, one or more software configurable selection elements manipulatable by a user's finger(s). A selection element may be a pressure sensor pad configurable to represent delineated active areas that are mapped to one or more input functions. Shape changing media may be provided to permit a user to tactilely discriminate between delineated active areas. Tactile feedback may be provided to a user through palpable detents, vibratory or force producing units. Inputting data may include mapping each selection element to a shift function, mapping each input element to text functions, and using the selection elements to shift between text functions associated with an input element to input a desired text function.

Ex. 1001 at Abstract

# '692 PATENT - FIGURES



Ex. 1001 at Figs. 3a, 3d

# '692 PATENT - EXEMPLARY CL

1. A method for configuring a human interface and input system for use with a host hand-held electronic device configured to run applications, wherein at least one of the applications is associated with multiple input functions, the method comprising:

selectively disposing on a first surface of the system a first input assembly having input elements configured to receive input from a human user through manipulation of the input elements, wherein at least one of the input elements of the first input assembly is further configured to map to one or more of the input functions associated with a selected one of the applications;

selectively disposing on a second surface a second input assembly having one or more input elements configured to be manipulated by one or more of the human user's fingers, wherein at least one of the input elements of the second input assembly is further configured to selectively map to one or more of the input functions associated with the selected application; and

selectively arranging the first input assembly and the second input assembly in substantial opposition to each other.

Ex. 1001 at Claim 1

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