

Nicolas Vargas

Search history

Search 1: SFT=(touch screen and capacitive and stylus and gram-force) (Results 7)
Search 2: 1 and pd<20160306 (Results 6)

1) Family number: 51962089 (US2012242603A)

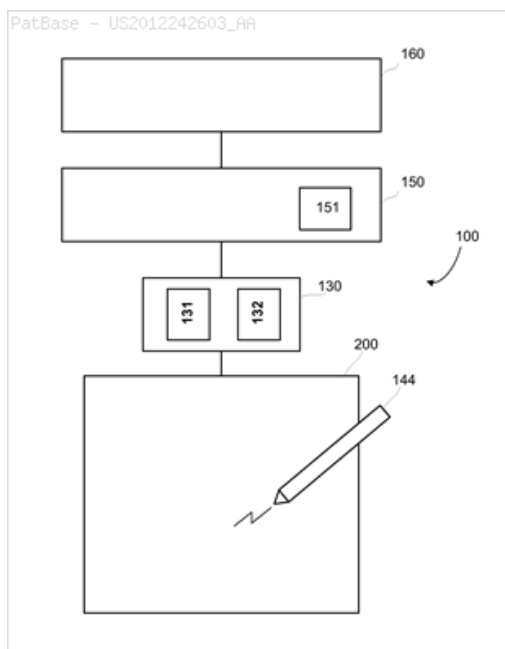
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Title: SYSTEM AND METHOD FOR AUTHENTICATION WITH A COMPUTER **STYLUS**

Abstract: A method for securing operation of a computing device operated with a **stylus** includes recognizing a pre-defined gesture performed by a **stylus** on a **touch screen**, the pre-defined gesture defined as a user command to lock an item displayed on the **touch screen**, determining a location of the gesture, determining identity of the **stylus**, locking an item displayed at the location determined, and recording identity of the **stylus**. A method for operating a computing device with a **stylus** includes receiving a command with a **stylus** to add restricted annotations to a document, receiving identity of the **stylus**, linking an annotation to the identity, restricting display of the annotation on the document to a computing device receiving input from the **stylus**; and displaying the document absent the at least one annotation on a computing device on which input from the **stylus** is not received.

Classifications:

International (IPC 8-9): G06F21/20 G06F21/24 G06F21/32 G06F21/34 G06F21/36 G06F21/62 G06F3/033 G06F3/0354 G06F3/038 G06F3/041 G06F3/044 G06F3/0488 (Advanced/Invention)
International (IPC 1-7): G06F21/20 G06F21/24
CPC: G06F3/03545 G06F3/038 G06F3/044 G06F3/04883 G06F21/34 G06F21/629 G06F21/32 G06F3/0383 G06F21/36 G06F21/6209
European: G06F21/34 G06F21/62A G06F21/62C G06F3/0354N G06F3/038 G06F3/044 G06F3/0488G
US: 345/173 726/19



Family:

Publication number	Publication date	Application number	Application date
EP2689378 A2	20140129	EP20120720969	20120321
JP2014509031 T2	20140410	JP20140500539T	20120321
US2012242603 AA	20120927	US20120425610	20120321
US2017109516 AA	20170420	US20160393399	20161229
US9817965 BB	20171114	US20160393399	20161229
US9946886 BB	20180417	US20120425610	20120321
WO12127471 A2	20120927	WO20121L50099	20120321
WO12127471 A3	20130704	WO20121L50099	20120321

Priority:

US20110454604P 20110321 US20120425610 20120321 WO20121L50099 20120321
US20160393399 20161229

Probable Assignee: MICROSOFT CORP

Assignee(s): (std): ENGELHARDT LEONARD ; KAHAN TOMER ; MICROSOFT CORP ; MICROSOFT TECHNOLOGY LICENSING LLC ; N TRIG LTD ; PARADIS GUY

Inventor(s): (std): PARADIS GUY ; ENGELHARDT LEONARD ; KAHAN TOMER

Agent(s): DENNEMEYER AND ASSOCIATES SA; G E EHRlich 1995 LTD ET AL

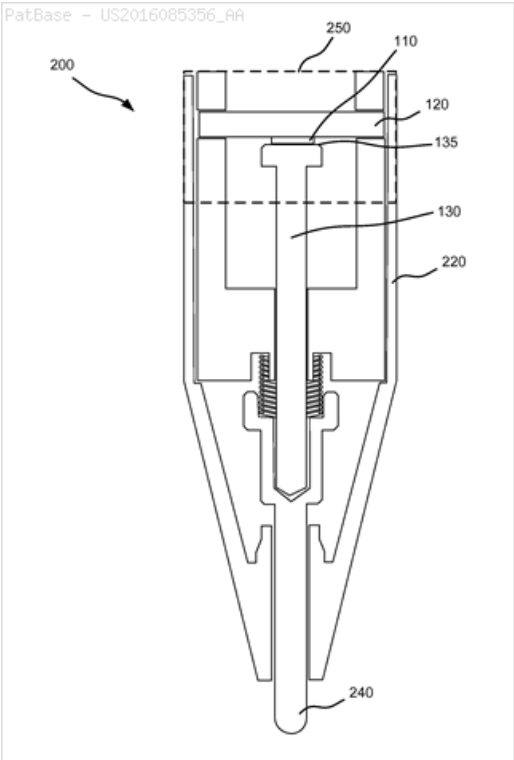
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Title: PIEZORESISTIVE SENSOR FOR A **STYLUS**

Abstract: A pressure sensitive **stylus** includes a **stylus** housing, a writing tip protruding from the housing and a pressure sensor. The pressure sensor includes a piezoresistive element, a support element including a first end fixed to the writing tip and a second end that is opposite the first end and presses against the piezoresistive element and circuitry for detecting pressure applied on the piezoresistive element with the support element.

Classifications:

International (IPC 8-9): G01L1/18 G01L1/22 G06F3/0354 G06F3/041 (Advanced/Invention)
CPC: G06F2203/04105 G01L1/2218 G06F3/0414 G01L1/18 G06F3/03545
US: 345/179



Family:

Publication number	Publication date	Application number	Application date
■ CN105474138 A	20160406	CN201480040391	20140520
■ EP3000014 A2	20160330	EP20140732643	20140520
■ EP3082021 A1	20161019	EP20160167474	20140520
■ US2016085356 AA	20160324	US20140891380	20140520
■ WO14188417 A2	20141127	WO2014IL50442	20140520
■ WO14188417 A3	20150226	WO2014IL50442	20140520

Priority:

US20130825118P 20130520 EP20140732643 20140520 WO2014IL50442 20140520
US20140891380 20140520

Probable Assignee: MICROSOFT CORP

Assignee(s): (std): MICROSOFT CORP ; MICROSOFT TECHNOLOGY LICENSING LLC ; N TRIG LTD

Inventor(s): (std): STERN YUVAL

Agent(s): HILL JUSTIN JOHN; EHRLICH GAL ET AL

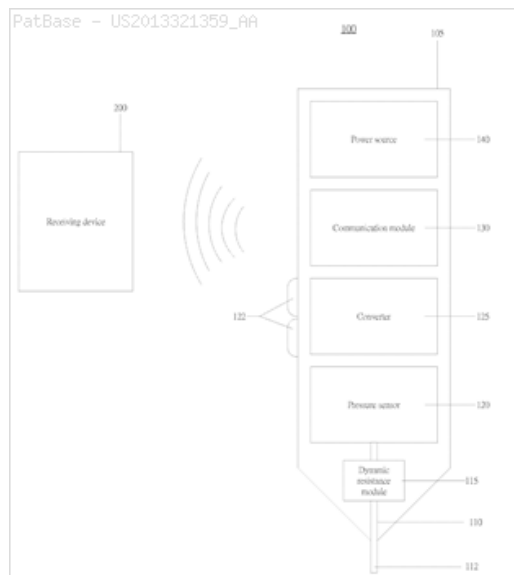
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Title: **STYLUS** WITH PRESSURE SENSOR

Abstract: A pressure-sensitive **stylus** includes a tip operationally coupled to a pressure sensor, where the tip is constrained to depress longitudinally, and the tip is mechanically coupled to a first spring. The tip engages a second spring when depressed longitudinally by a force of a first magnitude.

Classifications:

International (IPC 8-9): G06F3/0354 (Advanced/Invention)
CPC: G06F3/03545
US: 345/179



Family:

Publication number	Publication date	Application number	Application date
US2013321359 AA	20131205	US20130909479	20130604

Priority:

US20120655374P 20120604 US20130909479 20130604

Probable Assignee: ADONIT CO LTD

Assignee(s): (std): ADONIT CO LTD

Assignee(s): ADONIT CO

Inventor(s): (std): HUANG YU TZU ; LI YUEH HUA ; LU KAI YI ; PERPICH KRIS ; ZELIFF ZACHARY JOSEPH

4) Family number: 60957418 (US2015346891A)

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Title: TOUCH-SCREEN ASSEMBLY WITH RIGID INTERFACE BETWEEN COVER SHEET AND FRAME

Abstract: A touch-screen assembly for performing pressure sensing or force sensing is disclosed. The touch-screen assembly includes a cover sheet having touch-sensing capability and a frame having an upper surface portion. Spaced-apart adhesive islands are disposed between the cover sheet and the upper surface portion of the frame. The adhesive islands serve to secure the cover sheet to the frame and have a Young's modulus of greater than 1 MPa so that the energy associated with the touching force is not absorbed by the adhesive island. This makes for more accurate pressure-based or force-based touch sensing.

Classifications:

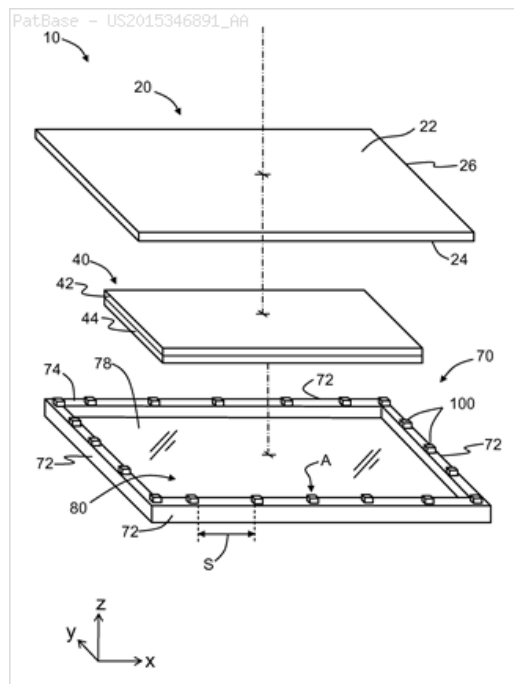
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G06F3/045 (Advanced/Invention)

CPC: G06F3/0416 G06F2203/04103 G06F2203/04104 G06F3/0414

G06F3/042 G06F3/044 G06F3/045 Y10T156/10

US: 156/330 156/60 345/173



Family:

Publication number	Publication date	Application number	Application date
CN106462290 A	20170222	CN201580033201	20150526
KR20170007445 A	20170118	KR20167035384	20150526
US2015346891 AA	20151203	US20150713098	20150515
US2018067603 AA	20180308	US20170808832	20171109
US9851827 BB	20171226	US20150713098	20150515

US10095344 BB	20181009	US20170808832	20171109
WO15183788 A2	20151203	WO2015US32391	20150526
WO15183788 A3	20160121	WO2015US32391	20150526

Priority:

US20140003676P 20140528 US20150713098 20150515 WO2015US32391 20150526
US20170808832 20171109

Probable Assignee: CORNING INC

Assignee(s): (std): CORNING INC

Inventor(s): (std): MILLER WILLIAM JAMES ; YEARY LUCAS WAYNE

Agent(s): BARRON JASON A

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

5) Family number: 61343489 (US2016328065A)

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Title: TOUCHSCREEN WITH DYNAMIC CONTROL OF ACTIVATION FORCE

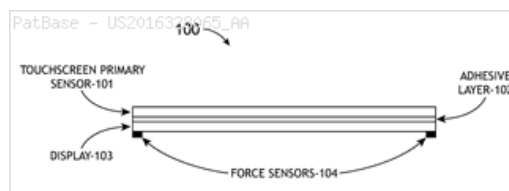
Abstract: A method includes receiving touch location data obtained from a touchscreen sensor of a touchscreen display device, the touch location data including information of a location of a user's touch or near touch of a user interfaceable surface of the touchscreen display device. The method also includes receiving force data obtained from a force sensor, the force data including information of an amount of force detected by the force sensor. The method further includes performing an operation based on the touch location data and the force data.

Classifications:

International (IPC 8-9): G06F3/0354 G06F3/041 (Advanced/Invention)

CPC: G06F3/044 G06F2203/04101 G06F2203/04105 G06F3/03545

US: 345/173



Family:

Publication number	Publication date	Application number	Application date
CN105224124 A	20160106	CN201510535995	20150827
US2016328065 AA	20161110	US20150703614	20150504

Priority:

US20150550277 20150112 US20150703614 20150504

Probable Assignee: ROCKWELL COLLINS INC

Assignee(s): (std): BARNIDGE TRACY J ; JOHNSON RICKY J ; ROCKWELL COLLINS INC ; TCHON JOSEPH L

Inventor(s): (std): BARNIDGE TRACY J ; JOHNSON RICKY J ; TCHON JOSEPH L ; TRACY J BARNIDGE ; RICKY J JOHNSON ; JOSEPH L TCHON

6) Family number: 44452752 (US2010051356A)

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Title: PRESSURE SENSITIVE **STYLUS** FOR A DIGITIZER

Abstract: A pressure sensitive **stylus**, comprises a movable tip that recedes within a housing of the **stylus** in response to user applied contact pressure, wherein a displacement of the tip along an axis on which it recedes is a function of the applied contact pressure, and an optical sensor enclosed within the housing for optically sensing the displacement of the tip and for providing output in response to the sensing.

Classifications:

International (IPC 8-9): G06F3/033 G06F3/0354 G06F3/041

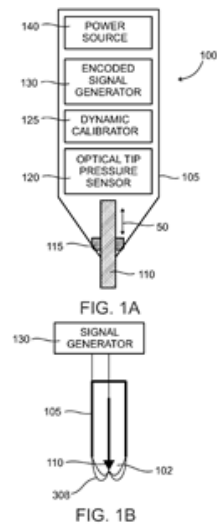
G06F3/044 (Advanced/Invention);

G06F3/033 (Core/Invention)

CPC: G06F3/0416 G06F3/03545 G06F3/044

European: G06F3/0354N G06F3/044

US: 178/19.04 178/19.040P 345/173 345/179

**Family:**

Publication number	Publication date	Application number	Application date
US2010051356 AA	20100304	US20090546753	20090825
US2013265265 AA	20131010	US20130908063	20130603
US8536471 BB	20130917	US20090546753	20090825
US9035920 BB	20150519	US20130908063	20130603

Priority:

US20080136279P 20080825 US20080136401P 20080903 US20090546753 20090825
 US20130908063 20130603

Probable Assignee: MICROSOFT CORP

Assignee(s): (std): KALMANOVICH ALEX ; MANN EYTAN ; N TRIG LTD ; TZAFRIR YONATAN ; ZACHUT RAFI ; TAMIR ORAN ; STERN YUVAL

Assignee(s): TAMARES HOLDINGS SWEDEN AB ; MICROSOFT CORP ; MICROSOFT TECHNOLOGY LICENSING LLC

Inventor(s): (std): TZAFRIR YONATAN ; STERN YUVAL ; ZACHUT RAFI ; MANN EYTAN ; TAMIR ORAN ; KALMANOVICH ALEX

Agent(s): MARTIN D MOYNIHAN D B A PRTSI INC