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(54) **DISPLAY SCREEN OF A COMPUTER WITH A GRAPHICAL USER INTERFACE WITH OBJECT TRACKING GAME**

(71) Applicant: **LUMOS LABS, INC.**, San Francisco, CA (US)

(72) Inventors: **David Ethan Kennerly**, San Francisco, CA (US); **Benjamin Lee Ahroni**, San Francisco, CA (US); **Aaron Kaluszka**, Hayward, CA (US)

(73) Assignee: **LUMOS LABS, INC.**, San Francisco, CA (US)

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USPC **D14/486**

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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D26,166 S	10/1896	Myers
2,960,336 A	11/1960	Guensch
2,977,713 A	4/1961	Solomon
3,406,604 A	10/1968	Stickley et al.
3,656,757 A	4/1972	Carroll
3,905,269 A	9/1975	Doerksen et al.

(Continued)

FOREIGN PATENT DOCUMENTS

JP	2002222435 A	8/2002
KR	1020080013829 A	2/2008

(Continued)

OTHER PUBLICATIONS

Hodgkins, Kelly, "Daily iPad App: Build a Train" Sep. 13, 2011, posted at engadget.com, [site visited Apr. 30, 2021]. <https://www.engadget.com/2011-09-13-daily-ipad-app-build-a-train.html> (Year: 2011).*

(Continued)

Primary Examiner — John M Otte

(74) *Attorney, Agent, or Firm* — Buchalter; Cecily Anne O'Regan

(57) **CLAIM**

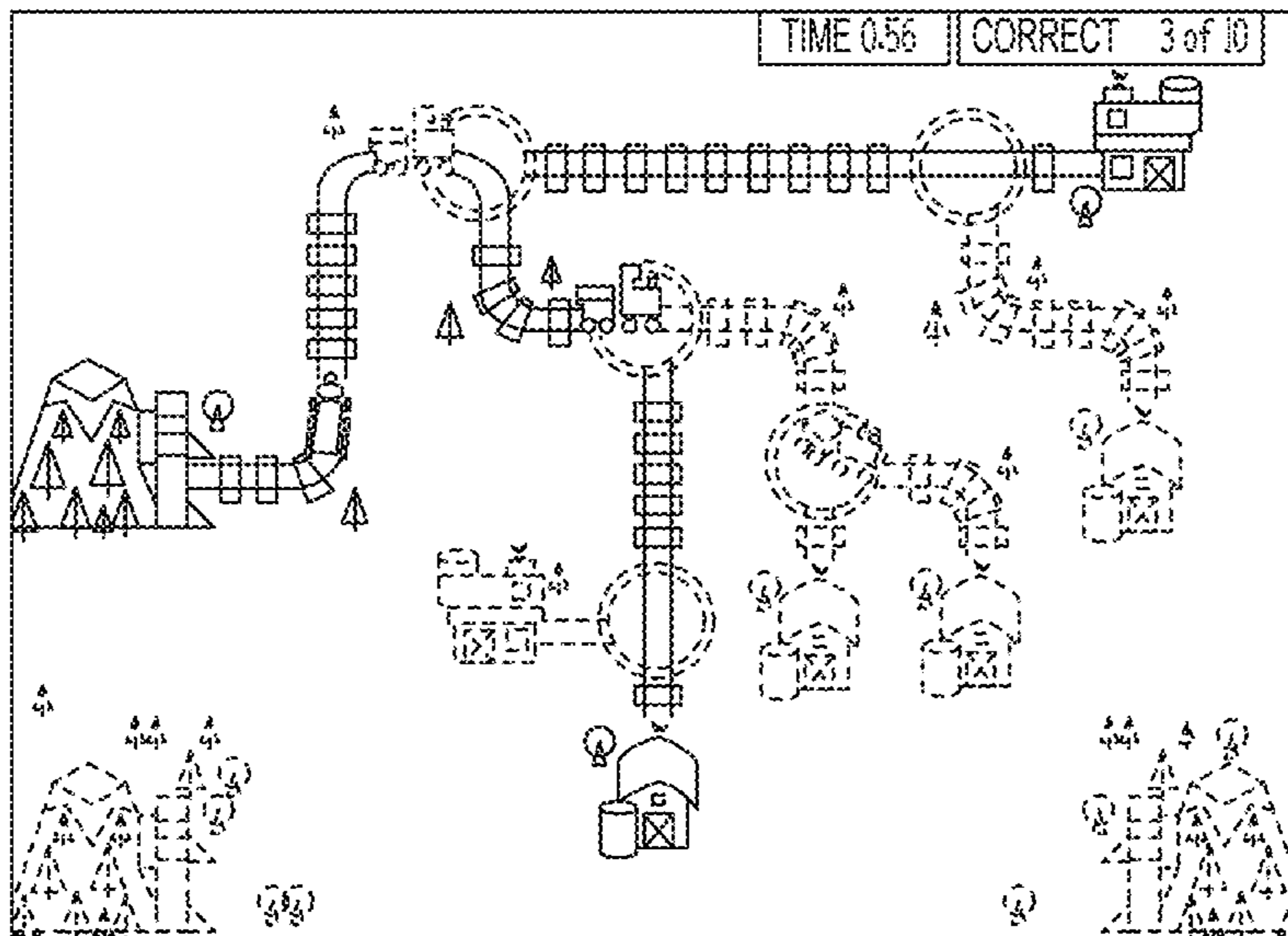
The ornamental design for a display screen of a computer with a graphical user interface with object tracking game, as shown and described.

DESCRIPTION

The FIGURE is a front view of a display screen of a computer with a graphical user interface with object tracking game.

The broken line showing of a display screen with a graphical user interface is included for the purpose of showing portions of the article which forms no part of the claims.

1 Claim, 1 Drawing Sheet



(56)

References Cited

U.S. PATENT DOCUMENTS

4,240,638 A 12/1980 Morrison et al.
 4,426,084 A 1/1984 Michel
 4,683,891 A 8/1987 Cornellier et al.
 4,714,255 A 12/1987 Henry et al.
 4,804,328 A 2/1989 Barrabee
 4,839,822 A 6/1989 Dormond et al.
 4,919,030 A 4/1990 Perron, III
 4,996,988 A 3/1991 Ohhara et al.
 5,050,883 A 9/1991 Goldfarb et al.
 5,066,015 A 11/1991 Sumrall
 5,231,661 A 7/1993 Harnum et al.
 5,267,734 A 12/1993 Stamper et al.
 5,377,100 A 12/1994 Pope et al.
 5,417,137 A 5/1995 Krasny et al.
 5,421,236 A 6/1995 Sanger
 5,456,604 A 10/1995 Olmsted et al.
 5,529,498 A 6/1996 Cassily et al.
 5,533,727 A 7/1996 Demar
 5,573,245 A 11/1996 Weiner et al.
 5,678,571 A 10/1997 Brown
 5,683,082 A 11/1997 Takemoto et al.
 5,709,604 A 1/1998 Coats et al.
 5,722,418 A 3/1998 Bra
 5,776,055 A 7/1998 Hayre
 5,803,411 A 9/1998 Ackerman et al.
 5,882,258 A 3/1999 Kelly et al.
 5,910,107 A 6/1999 Iliff
 5,913,310 A 6/1999 Brown
 6,234,965 B1 5/2001 Miller et al.
 D450,057 S 11/2001 Izawa
 6,421,066 B1 7/2002 Sivan
 6,431,547 B1 8/2002 Arkoosh et al.
 6,469,238 B1 10/2002 Risley
 6,539,292 B1 3/2003 Ames, Jr.
 6,606,480 B1 8/2003 Pezzuti et al.
 6,632,174 B1 10/2003 Breznitz
 6,652,283 B1 11/2003 Van Schaack et al.
 6,690,402 B1 2/2004 Waller et al.
 D495,373 S 8/2004 Bristol et al.
 D586,362 S 2/2009 Horowitz et al.
 D590,410 S 4/2009 Wall et al.
 7,540,615 B2 6/2009 Merzenich et al.
 7,557,287 B2 7/2009 Wilson et al.
 D608,366 S 1/2010 Matas
 7,722,501 B2 5/2010 Nicolas et al.
 D617,337 S 6/2010 Beavers et al.
 7,766,335 B1 8/2010 Greenawalt
 7,773,097 B2 8/2010 Merzenich et al.
 7,887,329 B2 2/2011 Greenshpan et al.
 7,917,345 B2* 3/2011 Hawthorne G09B 9/04
 703/8
 D636,398 S 4/2011 Matas
 D636,783 S 4/2011 Basapur et al.
 D638,024 S 5/2011 Wall et al.
 D640,284 S 6/2011 Woo et al.
 8,051,376 B2 11/2011 Adhikari et al.
 D651,615 S 1/2012 Koehn
 8,088,003 B1 1/2012 Bickerton et al.
 D657,369 S 4/2012 Hecht et al.
 8,154,227 B1 4/2012 Young et al.
 D673,967 S 1/2013 Percy et al.
 D678,895 S 3/2013 Ebler et al.
 D681,656 S* 5/2013 Lawrence D14/486
 8,635,532 B2 1/2014 Lengeling et al.
 D714,339 S 9/2014 Hendrickson et al.
 8,821,242 B2 9/2014 Hinman et al.
 D725,133 S 3/2015 Smirin et al.
 8,987,575 B1 4/2015 Rossel
 9,302,179 B1 4/2016 Merzenich et al.
 D761,294 S 7/2016 Weeresinghe
 D781,302 S 3/2017 Baguley et al.
 D785,003 S 4/2017 Yun et al.
 9,669,851 B2 6/2017 Cooper et al.
 9,950,722 B2 4/2018 Kumar et al.
 D841,687 S 2/2019 Müller et al.

D847,201 S* 4/2019 Thiel D14/488
 D857,707 S 8/2019 Kennerly et al.
 10,919,546 B1* 2/2021 Llorenty B61K 9/08
 D916,833 S 4/2021 Kennerly et al.
 2003/0008270 A1 1/2003 Fleishman
 2003/0048308 A1 3/2003 Friedlander
 2003/0059759 A1 3/2003 Calhoun et al.
 2003/0236654 A1 12/2003 Flynn et al.
 2004/0023191 A1 2/2004 Brown et al.
 2005/0053904 A1 3/2005 Shephard et al.
 2005/0056999 A1 3/2005 Roemer et al.
 2006/0003298 A1 1/2006 Greenspan
 2006/0292531 A1 12/2006 Gibson
 2007/0031798 A1 2/2007 Gottfried
 2007/0060231 A1 3/2007 Neveu et al.
 2007/0166675 A1 7/2007 Atkins et al.
 2007/0199431 A1 8/2007 Kashioka
 2007/0208575 A1 9/2007 Habichler et al.
 2007/0218439 A1 9/2007 Delahunt et al.
 2007/0254270 A1 11/2007 Hersh
 2007/0299802 A1 12/2007 Kwok
 2008/0003553 A1 1/2008 Stark et al.
 2008/0003558 A1 1/2008 Chan et al.
 2008/0084427 A1 4/2008 Delahunt et al.
 2008/0147585 A1 6/2008 Lacey et al.
 2008/0197570 A1 8/2008 Lewis et al.
 2009/0191942 A1 7/2009 Bennett
 2010/0041001 A1 2/2010 Delahunt et al.
 2011/0028202 A1 2/2011 Naicker et al.
 2011/0097697 A1 4/2011 Tharanathan et al.
 2011/0229862 A1 9/2011 Parikh
 2012/0077161 A1 3/2012 Robinson et al.
 2012/0258436 A1 10/2012 Lee
 2013/0072270 A1 3/2013 Majchrowicz
 2013/0091452 A1* 4/2013 Sorden G06N 5/04
 715/771
 2013/0101975 A1 4/2013 Hardy et al.
 2013/0216986 A1 8/2013 Goldman et al.
 2013/0217489 A1* 8/2013 Bronstein Bendayan
 A63F 13/12
 463/31
 2013/0323704 A1 12/2013 Hinman et al.
 2014/0011556 A1 1/2014 Kim et al.
 2014/0031116 A1 1/2014 Hinman et al.
 2014/0051053 A1 2/2014 Parikh
 2014/0323190 A1 10/2014 Hinman et al.
 2014/0335487 A1 11/2014 Hinman et al.
 2014/0352521 A1 12/2014 Takahashi et al.
 2015/0093730 A1 4/2015 Kennerly et al.
 2015/0179080 A1 6/2015 Kennedy et al.
 2015/0187221 A1 7/2015 Hinman et al.
 2016/0038075 A1 2/2016 Burdea et al.
 2016/0144279 A1* 5/2016 Manton A63F 13/69
 463/33
 2017/0109027 A1* 4/2017 Shubs, Jr. G06F 3/04845
 2021/0041877 A1* 2/2021 Lacaze G06F 16/29

FOREIGN PATENT DOCUMENTS

KR 1020080038244 5/2008
 KR 20080067055 A 7/2008
 KR 20100051309 A 5/2010
 KR 101000867 B1 12/2010
 WO 1993002622 A1 2/1993
 WO 1994004072 A1 3/1994
 WO 1994006088 A1 3/1994
 WO 1997006730 A1 2/1997
 WO 1997034526 A1 9/1997
 WO 2009051284 A2 4/2009
 WO 2009067796 A1 6/2009
 WO 2011028422 A1 3/2011
 WO 2012064999 A1 5/2012
 WO 2013043781 A2 3/2013
 WO 20130168154 A1 11/2013
 WO 2013180845 A1 12/2013
 WO 2014018313 A1 1/2014
 WO 2014186280 A1 11/2014
 WO 20140179278 A1 11/2014

(56)

References Cited

FOREIGN PATENT DOCUMENTS

WO	2015013386	A1	1/2015
WO	2015095488	A1	6/2015
WO	20150100295	A1	7/2015

OTHER PUBLICATIONS

“Train Titans for iOS Trailer—Out Feb. 16, 2012” Jan. 8, 2012, posted at youtube.com, [site visited Apr. 30, 2021]. <https://www.youtube.com/watch?v=47HNSkNkc7M> (Year: 2012).*

Logie, R. et al., Cognitive processes in counting, Abstract. Journal of Experimental Psychology: Learning, Memory, and Cognition, J. Experimental Psych.: Learning, Memory & Cognition, vol. 13(2), 310 (1987).

LUMOS Labs, Addition Storm.

Mack, “Pulse: volume One Steps into Rhythm Games with Original Music” Inside Mobile Apps, (May 13, 2011).

Manuel, et al. “Brain Dynamics Underlying Training-Induced Improvement in Suppressing Inappropriate Action”. J Neuroscience. 30(41): 13670-13678 (2010).

Matzen, et al. “Recreating Raven’s Software for Systematically generating large numbers of Raven-like matrix problems with normed properties,” Behavior Research Methods 42(2):525-541 (2010).

Merzenich, et al., “Temporal Processing Deficits of Language-Learning Impaired Children Ameliorated by Training,” Science 271: 77-81 (Jan. 5, 1996).

Miller, et al., “Improvements in Language Abilities with Training of Children with Both Attentional and Language Impairments,” Abstract, Soc. Neuroscience Reprint Series, 23:490 (Oct. 1997).

Moreno et al., “Short Term Music Training Enhances Verbal Intelligence and Executive Function,” Abstract. Psychological Science (May 2011).

Muller, et al., The functional neuroanatomy of visual conjunction search: a parametric fMRI study. NeuroImage 20, 1578-1590 (2003).

Nagarajan, et al. Practice-Related Improvements in Somatosensory Interval Discrimination Are Temporally Specific But Generalize Across Skin Location, Hemisphere, and Modality, J. Neuroscience, pp. 1559-1570 (Feb. 15, 1998).

Nicologic; (<https://web.archive.org/web/2008111113191/http://www.nicologic.fr/index.php?LANGUE=ENG&MENU=MAIN>) Nov. 11, 2008.

Nosek, et al., “The go/no-go association task” Social Cognition 19(6):625-666 (2001).

Palmer, R. (Jun. 11, 2009). Trains for iPhone: for lovers of Flight Control, except with trains. Retrieved Apr. 11, 2017, from <https://www.engadget.com/2009/06/11/trains-for-lovers-of-flight-control/>.

Papaioannidis, “Clockwork Brain—The best iPad and iPhone Puzzle game is now available!”, AppleCasts (Feb. 20, 2012) (<http://www.applecasts.com/clockwork-brain-best-iphone-puzzle-game/>).

Parragh et al., “A survey on pickup and delivery problems Part I: Transportation between customers and depot”, Institut für Betriebswirtschaftslehre (Institute of Business Administration), University of Vienna, Feb. 19, 2008, pp. 1-28, Vienna, Austria.

Parragh et al., “A survey on pickup and delivery problems Part II: Transportation between pickup and delivery locations”, Institut für Betriebswirtschaftslehre (Institute of Business Administration), University of Vienna, Apr. 16, 2008, pp. 1-35, Vienna, Austria.

Petrides et al., “Deficits on subject-ordered tasks after frontal-and temporal-lobe lesions in man”, Abstract. Neuropsychologia, 1982;20(3):249-62.

Pipe Mania Review for Playstation 2. (Jan. 24, 2011). Retrieved Jun. 18, 2016, from <http://www.gamefaqs.com/ps2/945233-pipe-mania/reviews/145127>.

Ponds, et al., “Age differences in divided attention in a simulated driving task.” Abstract. J. Gerontology 43 (6):151-156 (1988).

Posner, et al., “How arts Training Improves Attention and Cognition” available from <http://dana.org/news/cerebrum/detail.aspx?id=23206> (Sep. 14, 2009).

Railo, H., et al., The role of attention in subitizing, Cognition, 107(1), 82-104 (2008).

Rajender et al., “Efficacy of cognitive retraining techniques in children with attention deficit hyperactivity disorder” German J. Psychiatry 14(2):55-60 (2011).

Rogers, “The cost of a predictable switch between simple cognitive tasks”. Journal of Experimental Psychology: General, 124:207-231 (1995).

Ross et al., “The reliability and validity of the self-ordered pointing task”, Archives of Clinical Neuropsychology, 22 (2007) 449-458.

Rueda, et al., “Training, maturation, and genetic influences on the development of executive attention” Proc. Natl Acad. Sci. 102(41):14931-14936 (2005).

Russakovskii, “Com2us ports a popular ios game slice it! over to android, available now via get jar”, Nov. 23, 2010. Website: <http://www.androidpolice.com/2010/11/23/com2us-ports-a-popular-ios-game-slice-it-over-to-android-available-now-via-get-jar/>.

Salthouse, et al. Age and Experience Effects in Spatial Visualization. Developmental Psychology 26(1): 128-136 (1990).

Schardein, G. (Oct. 21, 2008). Pipe Mania Review—DS. Retrieved Jun. 18, 2016, from <http://digitalchumps.com/game-reviews/38-ds/Pipe-Mania.html>.

Scheer, Sabastian, “Freebie PSD: Flat / UI Kit” May 7, 2013, posted at dribbble.com, [site visited Apr. 6, 2018]. <https://dribbble.com/shots/1061304-Freebie-PSD-Flat-UI-Kit>.

Schneider, et al. “Self-Regulation of Slow Cortical Potentials in Psychiatric Patients: Schizophrenia.” Abstract. Biofeedback and Self-Regulation, 17(4): 277-292 (Dec. 1992).

Shallice, “Specific impairments of planning”, Phil. Trans. R. Soc. Lond. B 298, (1982), pp. 199-209, Great Britain.

Shepard, et al. “A Chronometric Study of Mental Paper Folding,” Cognitive Psychology, 3(2):228-243 (1972).

Sheridan, “Review: candy train-full steam ahead”, posted in Endless, Games, iPad, iPhone (2011); <http://applenapps.com/review/candy-train#VEXvrSKsUcY>.

Sohlberg, “Effectiveness of an attention-training program,” J Clin Exp Neuropsychol 9 (2):117-30 (1987).

Spelke, et al. “Skills of undivided attention” Cognition 4(3):215-230 (1976).

Stroop, “Studies of interference in serial verbal reactions” J. of Exp. Psych. 18 (6): 643-662 (1935).

Treisman, et al., A feature-integration theory of attention. Cognitive Psychology 12 97-136 (1980).

Tretter, “Perspectives of Computer-Aided Therapy and Rehabilitation in Psychiatry.” Abstract. pp. 475-486 (1966).

Turner, et al. “Is working memory capacity task dependent?” J. Memory and Language, 28(2):127-154. (1989).

“After Konami Feud, Beloved Train Game Gets Segue” Sep. 2, 2016, posted at article.wn.com, [site visited Jan. 2, 2018]. https://article.wn.com/view/2016/09/02/After_Konami_Feud_Beloved_Train_Game_Gets_Sequel.

“Chapter 5: Using Burt From its GUI” Feb. 1, 2001, posted at epics.anl.gov, [site visited Apr. 6, 2018]. <https://epics.anl.gov/EpicsDocumentation/ExtensionsManuals/Burt/Gui.html>.

“Cognitive skills training based on scientific evidence Lumosity” Dec. 13, 2015, posted at learnx.tistory.com, [site visited Apr. 6, 2018]. <http://learnx.tistory.com/27>.

“Lumosity—Train of Thought—Level 3” Jan. 4, 2015, posted at youtube.com, [site visited Jan. 2, 2019]. <https://www.youtube.com/watch?v=HjhUtQNMPpY>.

“The Train Game” Jan. 23, 2014, posted at en.wikipedia.org, [site visited Jan. 2, 2019]. https://web.archive.org/web/20140123093258/https://en.wikipedia.org/wiki/The_Train_Game.

“YipDirectory” Aug. 2013, posted at jabari-holder.com, [site visited Apr. 6, 2018]. http://www.jabari-holder.com/wp/wp-content/uploads/2013/08/Kibo_Yip.png.

Funny Games, Grid Memory, Aug. 21, 2011, <http://www.funny-games.biz/grid-memory.html>.

Improvememory.org, Memory Games, Mar. 12, 2012, <http://www.improvememory.org/games>.

Pedia Staff Blog, Aug. 2011, Music Therapy and Speech Language Pathology—A Collaboration (Parts 1 & 2, Rachel See Smith, MA,

(56)

References Cited

OTHER PUBLICATIONS

- MTBC, Board Certified Music Therapist (<http://www.pediastaff.com/blog/guest-blog-music-therapy-and-speech-language-pathology-a-collaboration-parts-1-2-4364>).
- Softschools.com, Path Memory, Nov. 4, 2011, http://www.softschools.com/games/memory_games/path_memory/.
- Cognitive Diagnostics www.brain.com (Apr. 22, 1999; Retrieved from Archive.org).
- Aaron, S. (Feb. 26, 2010). Pipe Mania Review—DS. Retrieved Jun. 18, 2016, from http://www.nintendolife.com/reviews/2010/02/pipe_mania-ds.
- Anni, “Cut and slice for android”, Feb. 8, 2012, Website: <https://udinbelajar.wordpress.com/2012/02/08/cut-and-slice-for-android/>.
- Anvari, et al., “Relations among musical skills, phonological processing, and early reading ability in preschool children”, *J. Experimental Child Psychology* 83:111-130 (2002).
- Baker, “Music Moves Brain to Pay Attention” (Stanford Study) (Aug. 5, 2007).
- Baron, S. (Mar. 22, 2012). Cognitive Flow: The Psychology of Great Game Design. Retrieved Apr. 8, 2017, from http://www.gamasutra.com/view/feature/166972/cognitive_flow_the_psychology_of_.php.
- Benikos, et al. “Short-term training in the Go/Nogo task: behavioural and neural changes depend on task demands”. *Int J Psychophysiol.* 87 (3): 301-312 (2013), pp. 1-42.
- Chan, “Rhythm Action Tap Sonic Offline (New Love Ritmo Theme),” <http://freegalaxytip.blogspot.kr/2012/rhythm-action-tap-sonic-offlinenew-love.html> (Dec. 13, 2012).
- Codito Development Inc. (Oct. 13, 2009). Yardmaster Lite—The Train Game on the App Store. Retrieved Apr. 11, 2017, from <https://itunes.apple.com/us/app/yardmaster-lite-the-train-game/id331522336?mt=8>.
- Cossins, “A Brain for Rhythm: A legendary rock and roll drummer teams up with a neuroscientist to explore the role of rhythm in brain function” *The Scientist*, Nov. 9, 2012.
- Crone, “Neurocognitive Development of Rational Reasoning” *Dev. Sci.* 12(1): 55-56 (2009).
- Cuddy, et al., “Music, memory, and Alzheimer’s disease: is music recognition spared in dementia, and how can it be assessed?” *Medical Hypotheses* 64(2): 229-235 (2005).
- Czerwinski, M., et al., Automization and Training in Visual Search, *Amer. J. Psychol.* 105, 271-315 (1992).
- Daneman, et al. “Individual differences in working memory and reading. *Journal of Verbal Learning and Verbal Behavior*” 19(4): 450-466. doi:10.1016/S0022-5371(80)90312-6 (1980).
- Das et al., “Cognitive planning: The psychological basis of intelligent behavior” Abstract, *Psychocritiques* 42(7), Sage Publications (1996).
- Donner, et al., “Involvement of the human frontal eye field and multiple parietal areas in covert visual selection during conjunction search,” *European Journal of Neuroscience* 12(9) 3407-3414 (2001).
- Duncan, et al. Visual Search and Stimulus Similarity. Abstract. *Psychological Review* 96(3) 453-458 (1989).
- Ekstrom, et al. “Manual for Kit of Factor-Referenced Cognitive Tests,” pp. 173-179. Princeton NJ: Educational Testing Service (1976).
- Fischer, B. et al. Effects of Daily Practice on Subitizing, Visual Counting, and Basic Arithmetic Skills, *Optometry & Vision Development*, 39(1):30-34 (2008).
- Gonzalez, M.E, Facal, D., Buiza, C., Urdaneta, E., Koffel, C., Geven, A., . . . Soldatos, J. (Apr. 30, 2009). D.6.1 Cognitive Training Exercises [Scholarly project]. In *Hermes—Cognitive Care and Guidance for Active Aging*. Retrieved Jun. 18, 2016, from <http://www.fp7-hermes.eu/publications/public-deliverables/>.
- Groffman, S. Subitizing: Vision Therapy for Math Deficits, *Optometry & Vision Development*, 40(4):229-238 (2009).
- Hermanutz, et al. “Computer-assisted Attention Training in Schizophrenics,” Abstract. *European Archives of Psychiatry and Clinical Neuroscience* 240: 282-287 (1991).
- Heron: Steam Machine. (Feb. 6, 2010). Retrieved Jun. 16, 2016, from <http://www.wiiloveit.com/games/heron-steam-machine>.
- Ho, et al., Age, Skill Transfer, and Conjunction Search. *Journal of Gerontology* 57B(3) 277-287 (2002).
- Ho, et al., Plasticity of Feature-Based Selection in Triple-Conjunction Search, Abstract. *Canadian Journal of Experimental Psychology* 57(1) 48-60 (2003).
- Hongwanishkul et al., “Assessment of hot and cool executive function in young children: age-related changes and individual differences”, Abstract, *Dev Neuropsychol.*, 2005;28(2):617-44.
- Houben “Overcoming the urge to splurge: Influencing eating behavior by manipulating inhibitory control”. Abstract. *J Behav Ther & Exp Psychiat* 42: 384-388 (2011).
- Houben, et al. “Resisting temptation: Decreasing alcohol-related affect and drinking behavior by training response Inhibition” Abstract. *Drug and Alcohol Dependence*, 116(1), 132-136 (2011).
- Hunicke, R. et al. (2004). AI for dynamic difficulty adjustment in games. *Challenges in game artificial intelligence (AAAI Workshop)*. Pittsburgh: AAAI Press.
- IRA, “Track my train app review” Top Apps <http://www.topapps.net/blackberry/track-my-train-app-review.html> (Feb. 26, 2013).
- Jaeggi, et al., “Improving fluid intelligence with training on working memory” *Proc. Nat’l Acad. Sci.*, 105(19):6829-6833 (2008).
- Jeliffe, et al. “Adaptive control of drug dosage regimens: basic foundations, relevant issues, and clinical examples.” Abstract. *Int’l J. BioMed. Comp.* 36:1-23 (1994).
- Ji et al., “Design and implementation of cognitive enhancement games for rehabilitation of old mans” *Korea Info. Sci. Soc. J.* 14: 239-246 (2008)—English Abstract.
- Kane, et al. “The role of prefrontal cortex in working-memory capacity, executive attention, and general fluid Intelligence: An individual-differences perspective” *Psychonomic Bulletin & Review* 9(4), 637-671 doi:10.3758/BF03196323 (2002).
- Karbach, “How useful is executive control training? Age differences in near and far transfer of task-switching raining” *Developmental Science*, 12: 978-990 (2009).
- Khullar, “Fruit slice, the new fruit ninja slicer” Jul. 17, 2011. Website: <https://www.mobigyanan.com/fruit-slice-the-new-fruit-ninja-slicer>.
- Klingberg et al., “Training of Working Memory in Children With ADHD”, *Journal of Clinical and Experimental Neuropsychology*, 2002, vol. 24, No. 6, pp. 781-791.
- Levitt, “Transformed Up-Down Methods in Psychoacoustics” *J. Acoustical. Soc of Am.* 49(2) 467-77 (1970).
- Lewinski, M. (May 16, 2012). Train Mania—Android Apps on Google Play. Retrieved Jun. 18, 2016, from <https://play.google.com/store/apps/details?id=com.mlewi.games.trainmania>.
- Lobley, et al., Perceptual learning in visual conjunction search. Abstract. *Perception* 27 1245-1255 (1998).

* cited by examiner

