

∆rkio

Frá hugmynd að hugverki





Desember 1992

Hugmyndarík margmiðlun

Hilmar Gunnarsson, Hugmynd

Margroßtan multiceedia sund dag hafa ymsar leiðir verið aog myndimarat eignirm flattar ur fyrir samspil blidde, myndar reyndar og årangar beirra verið yfir á deskömmans timu. Síðan og hven hen niftils sen gruar misgóbut. Þoð að taka tjós- mahelata sppfvingar umeignina komið upplýsingum til skila á myndir af eignurs hefur reynat. Derðar strutsjárnynd Ung eignin fillandi hått. Detta hugtak heftar timafrekt, hvi åðtar en viðskinsta- er tilbain til sýningas. vorið snikið í tíska undardaris: sinurinn fær að beria myndimær ar unbabarbolekki forrunni ab aarim bart ab frankalla bar. Fassignavinngakerfinaerajonlogiskunot marginifikanar eru að litera á spjald, grenta úr belötu að með sneriskjá, sem einfaldar koma i lidu. Forsendor bessa eta urphi siegar og aflikkum af stilla uti mana val afaerfra. Fyrma ab tarknibilinathor til marg- beim any. Hagnoord hefter nil skaimonlin armaniv ab vantanmidiunge fteftar ickie solestigum

framfitrum jafofrumt byr semverifilar slikra tirkin militast manifueft stig. Som abea for smale ma citetig neftu stvarandt upp-Tysingsborns abternings salist none Periotackia cor auktor keddur ant lifandi finmorininga applýsinga. Mér á cétir verfter sagt the solvadorfi sens by gair & margmiblus or or brandi drem ambi-Instrings some er oft eins ser stad-(million appli singa med ad and Divisionan.

Fastelonasyningakerfið

Ent of bein vondamälem sen: kaupendar fasteigna glinu við er hutnað sölvskerfi sem er einfalt legum fasteignskaupanda begu hve mikill timi for iskoður beirta. I vinnslu og gerir vætitatíegam hann sest tiður við snertisk jánn. eignasemkomatilgreens, Dietni kuupendum kleyft of kyrnast synir kort af stör- höfaðeru um að fölk hafi skoðað meira beim eierumi sem í boði eru á borrævs aðinu ásant monnanen 50 eigne áðar en það hafi í blyaskak Fætrignavalan Húsa- andi verðflokkum og væsam fundiñ bi eina rota. On a tiñant kauphefur begar tekoñ kerfi hena tegandust eigna isia niving 21. hertur folk akveduz townal i huga - i nutkant begar had er i fastelunehugheidengunang burf ekki amad. Kerfid nyur siyaya tekni til notandinn sidan bau svædi en aft lite augnablik vitr eige til mægeniðlutur. Þegar fasteigna (psivintener)semhænhefarihuga að sjá hvort hán korró til greina - srli skoðar eign í fyrsta sinn og - ä, her tegandir eigna som hann eða ekki. Til að einfalda hetta mettir hana hefur hana með str. kýs og síðan það serðhil una off langa ferli som fasterandraar veninlega videotikavöl. Mañ ham hefur i haga Dezar vo er i eru liegur heint við að fast- hænnitekurhannsillun nyrdir af viðkomandi fleti breyta þeir um signatiliar prymi myndir af beim signanniað ingas semmas. Þegar far till að sína sulið. Það er rigmen som her hefs å allhakti, komið er á skriftsöfura aftur er síðan unde notardamen komið og gen hav abgengilegar værat sidentökovellin tengd við töbsu hve marga valfleti hans styður á

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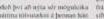
Minil I.

anlegum kaupendum. Degar i Jularmfautegnasjringsherfiber. Eins er hugt ab slepps ab velja

Meñ livi añ sneita skiäinn velur

tal wordbill, on hit takmarkar. kerfið leit sina að enga levti við verifi evena.

Pegar notanifine hefin while with all veils hi valifieti sem hann vill tukmarka hot stop við leitar hertið. 4 grgmm eigneskräna og beim ginnern sein avere fil beirras madsetningar, n-pundar og verða som nonandina skilgreindi. Að Juint leit lokinni simirkerfifthya margar eignir það fann og bittir siðao fyrnn-eignina á skjärinn. Fyrst began flett ér upp a eign burnet size myral af eignneni, est med beim stimittkum sem ers teidet i skidmen mit flette frent og til baka i myrsheit af usökorobeirts eigns som somsvars Permefndei leitarbisings, Hallinstantino ábuga a að sjá mynal henr getur hans a bradu timasenver mert his mynd og surkkar. Fastergrussiningakerfið keyre a kerfið hans þá upp.





Mindd



the variabilingur fasteignakaup- videokort, entrig livit IBM, sen-

veniuleari PC 100va undir OS/2 100kum fasteiguas/rangakerfið

Moh hvi að nita sir mögnluika frá IBM, ei hjartað í korlinn ur sula sé buin að setja sen 250nationa tolouradon a Jeonar borr silvan evokallab ActionMadia II aignitrogunt 6-8 mendr af herri

Tæknin



2.0. Speriisk sirian et 8516 skiar sem dæmi: Seujam að fasteranasign. Underseninlegumkangamsteftam nyrafi liver kyrmiond. takaton 150K og beildærdasshorf. alles coma señe by un 1750 mender * 150% pr. mend = 262 500K obs 262.5 MB. Meb. pri abnotfern sir sambioopmarremateika videokortone myndihver resul med socializht **IPEO** bioppartaka cirangis 15K og beildarpförnhörfin hess segna varða 1750 myndir * 15K pr. mynd = 26.250K c82 26.25 MB. IPEG jobppunin er gifurlega ibrifarik head bilippen kyremynda varðar, en einv og áðar sugfit by'r videokontik cinnig yfir beim eiginleika oð geta hispeað samanilifamit mondam ann sittan











The next computing platform?









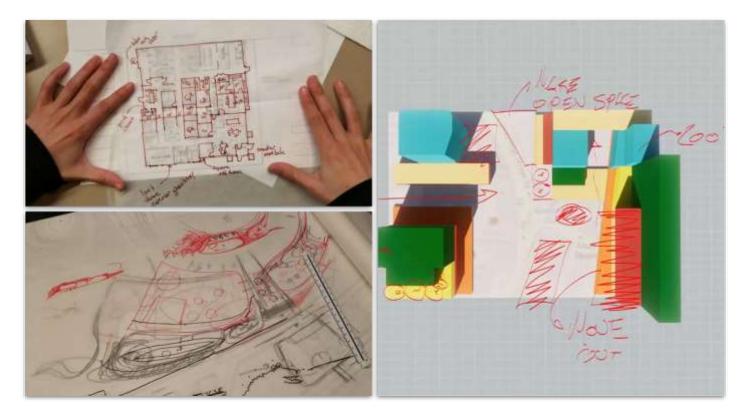




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The challenge





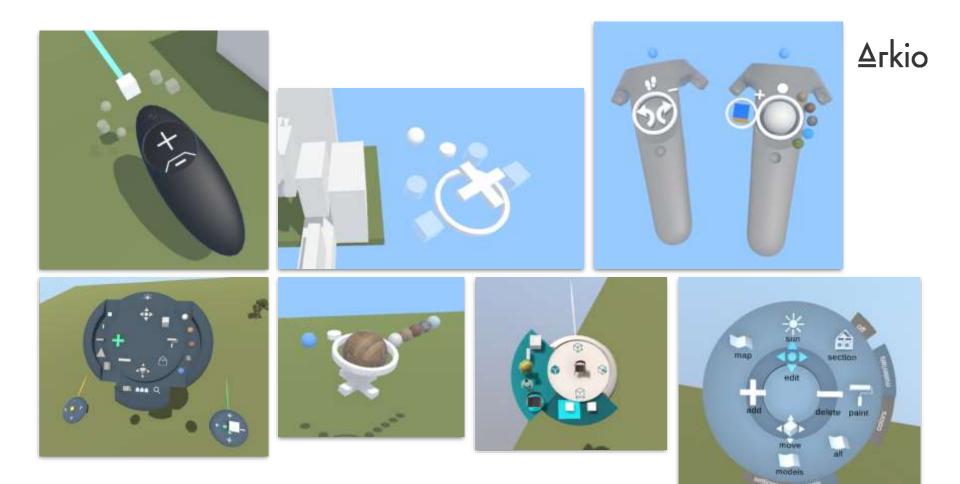


New spatial UX

New modeling kernel

Disrupt AEC







∆rkio

Mission

To create the spatial design tool of tomorrow, empowering people to design, collaborate and connect across realities



Spatial design is inefficient

Current design tools **not** built for collaboration and rapid idea exploration

Important design decisions being made looking at **flat screens**

Misunderstandings and mistakes lead to **costly changes later**



Partners

∆rkio

htc 🔿 Meta 🕤 Pico

AUTODESK



ि Spatial



DAVEY - SMITH







"Arkio brings the freedom and simplicity I've found with sketching into 3D design modeling. It places power into the hands of the designer. With ease, concept models can be developed, captured, and shared. Instinctual changes can be made quickly. It feels very natural to work in this kind of space at the outset of the design process. At this stage, it's hard to imagine a workflow without it."

Alanna Brunton, Architect, Davey+Smith Architects



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"Arkio makes it easy for us to gather our team inside our designs to discuss and sketch ideas at 1:1 scale. VR gives us a sense of space which just isn't possible when looking at a 2D screen."

James Dodson, Architect & Partner, SPINN



Trademarks & patents

A	RKIO	(12)		d States Patent sson et al.	(10) Patent (45) Date o		0,754,443 B2 Aug. 25, 2020
Word Mark Translations Goods and Services	AGNO The conding "ABNO" has no meaning in a feedge language. IC 081 US 021 023 026 039 039: C 6 8 3: Augmented and initial woldly software for 3D modeling. FIRST USE: 20190725: FIRST USE IN COMMERCE: 20190725	(54)	(54) VIRTUAL/AUGMENTED REALFTY MODELING APPLICATION FOR ARCHITECTURE		(31) Field of Classification Search CIV: GeeF 3/0146, COFF 3/011, GOOF 3/0546, GOOF 3/0481, COFF 3/04815,		
bervices	IC 642 US 100 101 0 5.5: Augmented and virtual reality 30 evolveling services names, software as an inter (Sold) 30 evolveling software for meating visualizations of multi-development and graphic and participations, means design, functionaging, games de-integrated and graphic and particles to provided on- tiles from a comparison return. (First First F	(71)	120101	ARKIO EBE, Reykjavsk (15)	640	(Continued) References Cited	
Stenderd Chalacters		(72)	Inventors	Illinar Gamarson, Cardsborr (15). Haraldur Derri Thorvaldson,	U.S	S. PATENT DOCUM	UNTS
Claimed	No. of the second se			Reykjavik (25); Charles Palmer, Reykjavik (25); Vilhelm Saevarsoon,	3007/0017734 A3	* 1/2007 Swift	4008F (123004
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Current Steele Original Filling	2	(*) Notice: Subject to any dischaimer, the term of this		OTHER PUBLICATIONS			
Basis	18			potout is extended or adjusted under 35.			
Published for	December 28, 2017		U.S.C. 159(h) by 0 days.		International Search Report and the Written Opinion of the Inter-		
Opposition		(21)	Appl. No.	16/185.867	automi Scatching Authority from corresponding PCT/002118 (10022) dated Eds. 12, 2010.		
Registration Namber	4063842	1.12	38.00	2	Along a state of the	(Continued)	
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Owter	(REGISTRANT) Also and private limited company ICELAND Kiniphang 6 101 Revigiant ICELAND	(68)		Prior Publication Data		print, in Flow-Lands	
Attorney of Bacord	Notwer J. Hards		115-20104	046599 Al May 16, 2019	(57)	ABSTRACT	O M SHEERER LATE
Type of Mark	TRADUMAR SERVICE MARK						when sufficients
Register	PRINCIPAL			According to one supect, an architectural modeling system is provided. The system includes an input controller con- figured to generate one or more input signals, a display			
Live/Dead Indicator	JVE		Related U.S. Application Data				
and a second sec		001	Provisions	i medication No. 62/585.025. filed on Nov.	ischding a dorth	re screen, and a reste	ni controller confis-

Trademark registered in classes 9 & 42 (downloadable & non-downloadable SW) in US, Canada, China, EU, UK & Japan

Patent filed & granted in US, pending in EU & China (Patent Cooperation Treaty, PCT)



2nd patent - provisional filing

Attorney Docket No.: A2164-700100 SYSTEMS AND METHODS FOR LOCKING VIRTUAL ENVIRONMENTS IN MIXED REALITY BACKGROUND Field of the Disclosure 1. At least one example in accordance with the present disclosure relates generally to 5 virtual-, mixed-, and/or augmented-reality environments. 2 Discussion of Related Art Virtual reality (VR) and augmented reality (AR) are increasingly becoming an area of technical interest for many industries. VR generally refers to the exposure of a user to purely 10 computer-generated stimuli, including visual stimuli. In contrast, AR generally refers to the exposure of a user to a combination of real and computer-generated stimuli, Mixed reality (MR) generally refers to the merging of a physical, real-world environment and a computer-generated environment, and may encompass VR and AR. VR, AR, and MR systems are particularly popular in the entertainment industry. 15 SUMMARY According to at least one aspect of the present disclosure, a non-transitory computerreadable medium storing thereon sequences of computer-executable instructions for providing a























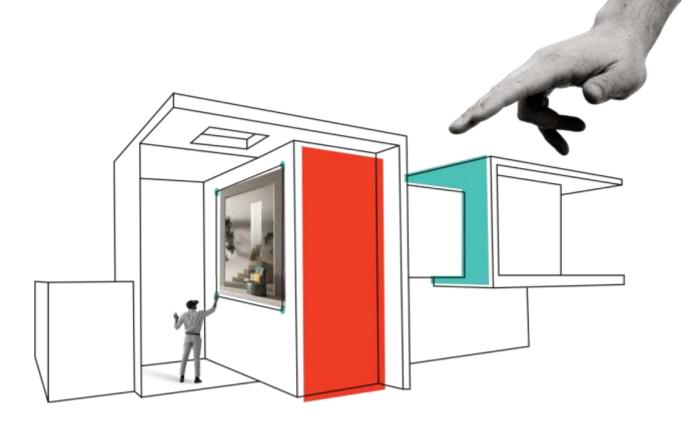
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Takk!