

# Eacadiay ia-aou

A Iaiiai enoidee A Oaditeiaey eacadiie ia-aou aadao ia-aei to ecidadaiey xanoadi Eadeniini yaeodididadae. Iii au idnidaeou idelialeiy ideieia enadidadae aeaaeeni elaii a noada eideidialeiy, a ia ia-aou e caieiaeanu eie Haloid Compar 1961A a. auea idaeiaifiaia a Xerox Corporation ...

Elaiai niodaiee yote eididadae idaeiaee iiaanaoi eiipodaadiu iiaanao, noaaeo aey ian ideau-iue, - eiipodaaiy iuo. Aaddo Noddeoaad (Gary Starkweather) ec Xerox Palo Alto Research Center (PARC) iadeodeidiae eideiaaeiuu aidaao Xer neie dididialeiea n iau-iai naodiatia ia eacadiue. Yoi idioidei e noae idadi eacadiui ia-aoupuet onodienoai. Aai iaieia i auue idaeiaai iicaa, a 1972A a. A dacouoada iyaeeinu ia-aoupuaa onodienoai, iacaaifa aai nicaadaeyie EARS (Ethernet Terminal) e iicaa idaadadaaany a nenoi eacadiie ia-aou Xerox 9700. Elaii a adoiia, daadaaae ia eacadiui ideioadi, eiipodaada n aouuei ideioadi. Iauai eioidiaoe, eididop idaanoyei auaano ia nodaeoo ideioada, ninaaeye ideiadif 1 laeo, eiialeiy IBM, fi elaii ia a 1975A a. idaeie inieea ndeieue auioe eacadiuo ideioadi. Iia-aou eacadiua ideioadu aue aieue 9700 eiae idiecaiaeeouinodu 120 nod./ie, e a 1977A a. aai iaei aue ideidadae ca 350 ou. aiee. Oiaa ideialeia eacada a -adac iaicifa niaaddeee eiialeiy Canon, auioe a 1983A a. iaadite eacadiue ideioad LBP-8/CX n dacdaaeia 300A— ia-aou a iaieuee oediao, aae aiaieui-dae oioop aeci e daaiaae daeoydie caiai edanyueo eai, auaaay ide yoi e oio-ooadaeueiu aadaaai, eadodeae aey oiaada e nenoi idioyee aiaae, Canon idiae aai eiialeiy - Apple Computer noie iei 7 ou. aiee.), e Hewlett-Packard, auioeadae a 1984A a. idaeecoueeiu aai aiea aadaue LaserJet. Ii ia-aou aunodiaeeoap idadi eacadiui ideioadi Xerox e IBM, iaie aue nouanaai iea ii oia. Ideioad aue iniauai IC O iauai 28 auiteia-anaaiie iaioeue ia-aou. LaserJet ndaco ae aue auitei ioiai eae eididadaeiu niaanaoai, oae e eiaeeoaeuei eiipodaou e ideioadu idaeaaeeenu eae -aone eioadaeidaaii, auiteidiecaiaeeouia eiieaena, dan-eoaiia ia idyio idioiea ideioadi. "Daeia HP naeao LaserJet niaanaoie n IBM PC daeodee dui eacadiuo ideioadi ai iaadidaceiuo id 1984A a. Auei yni, -oi dui IE aadao danoe e -oi iuecaadaeyi a neidi adiaie iddaopony auiteia-anaaiia ideioadu, ei noae naiu oniaoi aaeie-iu idioeoi Hewlett-Packard. "Eep-aaue oaeoiaie daiaa inoeeaeiey oniaa ideioadi LaserJet iaeeae ieiue oioeoiieue adae-aneie iciaieinoyie", n-eoaa iaiaae ad ii inoaaei Hewlett-Packard Ayaa De-. I idaeialeiaa LaserJet. Ia-aeuia yecaiyedu, iaie, auue n ideodeiaie HP 2686A. Neaopua iiaeu LaserJet II iyaeanu aiee. e ninaaee 2500 aiee. Iia eiaa o ae neididou e dacdaaeia, -oi e idadi LaserJet, fi iauai IC O aue oaeae-ai ai 512 IID.

A Diiia-aeueei idnidaeui eacadiuo onodienoai noae a 1989A a. ideioad LaserJet IIP. Ii aue a aa daga iaiuo eeane-a e adae-aneie iciaieinoyie, -oi e aai idaaanaoiaiee. Ianoieea yioa idnidaeue eacadiie ia-aou. Neaopuei nouano (RET), aeaaiaady eioide iauueeenu -adeinu ioia-aouia. Eoia oia, elaii n yote iaaee ia-aeinu enieuciaiea yuea HP PCL caei-aiue eadodeae, iauaeiypuee oioadaaai, aadaai idaiina e aieinu oiaiey oiaada; eioaeaeoaeuia neoaia o-a n ieiou; aacuidoeiia y eiaoeoiia ia-ea aey niaaeiey; Ii naaai oiaaeiey; anodaiiue Web-naada e anodaiiue aeooa aeonoae e onodienoai niaaiiue eacadiuo ideioadi. Iia ideouaa noep noaee, inayaiiuo ideioeia e idaeia eacadiie yoe oi-ee e -ai -aua iie danieiaai, oai auo ea-anoai ecidadaaeiey. Iaeieaeueia eiee-anoai oi-ae, eioioua ideioad iiaeo e n-eoaaony iaieie, aiee aai dacdaaeia ninaaeyao 300 dpi (eifaa ideiaiybo iaicfa-ae 300 | 300 dpi, -oi icfa-aa 300 dpi noieinu ia-aou iaie noaeou oaeioiaai aieoiaia o ieo a inieuei dac iea. Ide yoi iaaditea iaaee eacadiuo e naadite idanaoaeaiiuo ia dui eacadiuo ideioadi idaaiafa-ai aey -adif-aeie ia-aou; oadiua eacadiua ideioadu anua aidi e ieiouo (ppm - page per minutes), ide yoi dacdaaeia iiaeo auou 1200 dpi e aieaa. Ea-anoai oaeo, iaia-aodaiia ia eacadiu niaaddeuea adaaee ndia oaa, oi aey ieo-aeie ea-anoaaiia adA-oe-aneia ecidadaaeiey iddaaaoony dacdaaeia ia aieua eiee-anoai aieoiaia (iaidid, aiea 40 eenoia a aai), eacadiue ideioad idaa-naaeyaoony aaeinaaiiuo dacoiu au nodaeo a ieiouo.A

IDEIOEI DAIOU EACADIU IDEIOADA Iadaua eacadiue ideioad aue idanaaeei oedie Hewlett Packard. A iai aue enieuc eideiaeeiuo aidaao. Dace-ea nioyie a ninaa yeneidialeiy: a eideiaeeiuo aidaao iie idienoae n iuuup eaiu, a (Conductor), eioide -aon iacuap ioia-aoupuet oioadaaai eie idioi aadaaai. N aai iuuup idiecaiaeeony idaiin ecidadae iioidialeiea. Iiaadididou oaeia eeieida iaei niaaeou iieeoaeeiu eie ideoaeeiuu cadya, eioide nioiaony ai oai niaaiia o-a noea, idaco y iacdyaeiioo. Yoi - eep-aaie iiaio a iieiaie ideioeia daio eacadiia ideioada. Adae aa oiee naodite e-o. Iodaeynu id adauapueony caddeae (iaui-ii -adudadadite eie onoeadadite oidiu), yoi e-o caaa-eaa ideidieidieada. Adauapuaany caddeae dacada-eaaa e-o a aeaa nodiee neduiai ecidadaaeiey ia iiaadididoe oioadaaia ninaaie ideioada ii addeee e iau-ii ninaaeyao 1/300 eie 1/600 apia. Iidoin idacialeiy neduiai ecidadaaeiey ia aad (iaae-iia) cadya iiaadididoe oioeieida: A~A ide iue oieie iditeie eie naee, iacuaaie A«eideidopuei idiaiaA». A eidiie, e idaaao adaaai iaiaieue noae-aneie cadya; A~A ide iue idaaaddeoeui cadyaaiia daciaia ae (PCR) Iadaa oai eae danieaou i idiaa idaa-e e caeiaeiey ecidadaaeiey ia aiaaa, danidoe onodienoai eadodeae aey idaaiaaiia oiaada e oiaoiue ionae. Iniaia eiinodoeaeia yaiou ioaeiey aey idaaiaaiia oiaada: 1 - Oioadaaai (Or ieduoie idae-aneie naoi-ooadaeueiu e oioidialeiyue idodeaeie (iaui-ii ieneai oiee), eioide ninaaai nioaiyou idac Iaania-eaaa daaiiaieue ideoaeeueiu cadya aadaaia. Auieia ec oieidialeiyue daA-aeiaie eie iioieiaie inia, iaiaaie Blade). I-euaao adaaai to inoaeia oiaada, eioide ia aue idaiana ia aiaao. Eiinodoeaei auieia a aeaa idaeee-aneia e i-eoee (Recovery Blade). Iadaeouaa idaeonou iaao adaaai e aoiadi aey idaaiaaiia oiaada. Recovery Blade idioeae aoiada ia aiaao). Iniaia eiinodoeaeia yaiou oiaaiia ionae: 1 - Iaeioie ae (Magnetic Developer Roller, Mag Roller) idaeee-aneio oioaeo, aioode eioide iaieony ia-iaaeieue iaieoie naaa-iee. E iaieoie aeoo ideyaeaaony oiaad, Blade, Metering Blade). Iaania-eaaa daaiiaie danidaaeiea oieia ney oiaada ia iaieoie aeaa. Eiinodoeaei auieia a a - Oieidieaeueia eacae iaieoie aeaa (Mag Roller Sealing Blade). Oieay ieanoeia, aaeie-ia y oieeoy Recovery Blade. I Blade idioeaeo oiaad, inoaeey ia iaieoie aeaa, aioodu ionae, idaaiaadua oae-eo oiaada a idaoie iaiaaeie; A - Eoia oia, a aoiad anodai aeoeaoid oiaada (Toner Agitator Bar) -idie-iay daiea, idaaiafa-aiay aey idaaiaaeiey oiaada

òðáíñíðòèðíáeá èàðòðeáæà. Íáðáá íà-àeíí ýeñíeóàòàòèè ýòà òeííáá óáaeyáòñý. Á Á Á Á ÌÐÉÍÓÈÌ ÈÀÇÁÐÍÍÉ ÌÁ×ÀÒÈ Íà ðeñó àíáeíáe-áí Ìðíòáññó Ìá-àòè, Ìí èàçáðíúé eó- íá áeèp-àáòñý. Çàòàí ááeæáíeá èííííáíóíá èàðòðeáæà Ìñòàíááeèeááòñý - Ìðeíòáð

Çàðýáeá áàðáááíá. Áàè Ìáðáe-ííáí çàðýáá (PCR) ðááííáðíí Ìáðááááò íá Ìíááðóííñòú áðàùàpàááíñý áàðáááíá Ìðeòàòáeúíúé ç

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Ýeñííeðíááíeá. Ìðeòàòáeúíí çàðýááíáý Ìíááðóííñòú áàðáááíá ýeñííeðóáòñý èàçáðíúí eó-íí ðíeúeí á òáò Ìáñòáò, Íá èíòíðúá á eçíáðáæáíeá á áeáá ðí-áè ñ Ìñèááeáííúí Ìðeòàòáeúíúí çàðýáíí.

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Íáíáñáíeá òííáðá. Íá ýòíí ýòàíá ñeðúòíá eçíáðáæáíeá íá áàðáááíá Ìðe Ìíííúè òííáðá Ìðááðàùááòñý á áeèèíá eçíáðáæáíeá, èíòíðúá áeá. Ìðe áðàùáíeè Ìáíeòííáí áeá òííáð Ìðíòíáeò ñeáíçü óçeóð ùáeú, Íáðáçíááíóð Á «áíeòíðííÁ» è áeèí. Á ðáçeúòáòá Ìí Ìðeíá Ìáíeòíúé áeè. Á Á Ìáðáíñ òííáðá íá áóíááó. Ìðíáíeæáý áðàùáòñý, áàðáááí ñ Ìðíýáeáííúí eçíáðáæáíeáí ñíðeèeáñááòñý ñ ðáçeúòáòá Ìðeòàòáeúíí çàðýááíúá -àñòeòú òííáðá Ìðeòýáeááðòñý è áóíááá, Íá èíòíðíe Ìíeó-ááòñý eçíáðáæáíeá, Á «íáñúíáí ñíÁ-Ìðeèeáñàpúeòñý áeá, Íáæáó èíòíðúíè Ìðíòýáeáááòñý áóíááá. Ìeæíeé ááè (Lower Pressure Roller) Ìðeæeíááò áá è ááðóíáíó íeí -àñòeòú òííáðá ðáñíeááeýðòñý è çàeðáíeýðòñý íá áóíááá. Á Á Á Í-eñòeá áàðáááíá. Íáèíòíðíá èíeè-áñòáí òííáðá íá Ìáðáíí áàðáááíá, ñ-eúááòñý áaéíáðíí á áóíeáð áeý Ìðááíòáíííáí òííáðá. Ìðe ýòíí Recovery Blade çàeðúáááò Íáeáñòú Ìáæáó áàðáááíí Á «ñòeðááòñýÁ» ñeðúòíá eçíáðáæáíeá, Íáíáñáííá èàçáðíúí eó-íí. Ìðe Ìíííúè áeá Ìáðáe-ííáí çàðýáá Ìíááðóííñòú òíòíáðáááíá ðá