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(b)(6),(b)(7)(C)(CID) (b)(6),(b)(7)(C) (CID) From: Tuesday, February 08, 2011 5:08 PM (b)(6),(b) pcert.org (b)(6),(b) pcert.org Boston SW Info Sent: To: Subject Gentlemen: Here is some more information from (b)(6).(Items of note IP(b)(6),(b)(7)(C) = Amazon-EC2-5 = Amazon Elastic Cloud Compute a place he may have been storing stolen documents or hosting VMs IP(b)(6),(b)(7)(C) - Amazon-EC2-6 IP 50 (b)(6),(b)(7)(Amazon-EC2-8 IP(b)(6)(b)(7)(C) = linux dial in server on MIT campus run by SIPB IP(b)(6)(b)(7)(C) = a Comcast IP that may be local to the Cambridge MA area. (b)(6),(b)(7)(C) Special Agent U.S. Secret Service (Desk) (Mobile)

412-268-5226 (Fax)

114

(b)(5)		
(0)(0)		

(b)(6),(b)(7)(C)

Sent from Blackberry

From (b)(6),(b)(7)(C) [mailto (b)(6),(b)(ambridgepolice.org]

Sent: Monday, November 07, 2011 03:12 PM

To (b)(6),(b)(7)(C) BOS)

Subject: Swartz Evidence

Swartz Defense Counsel will be going over evidence at the office

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(b)(6),(b)(7)(C)	(CID)
From:	(b)(6),(b)(7)(C) BOS)
Sent: To:	Thursday November 17, 2011 10:37 AM
Subject:	$ \begin{array}{c c} (b)(b),(b)(7)(C) & \text{busdol.gov}(b)(6),(b)(7)(C) & (BOS)(b)(6),(b) & \text{gcert.org} \\ \hline (b)(6),(b)(CID)(b)(6),(b)(7)(C) & \text{sambridgepolice.org} \\ \hline \\ $

The images of the remaining hard drives are almost complete. Some of the images are 1.2 TB at max compression. In order to ship these images we will need more large capacity drives.

(b)(6),(b)(7)(C)

Sent from Blackberry

(b)(6),(b)(7)(C) (CID)

From:

(b)(6),(b)(7)(C)

Sent:

(Cert.org) Friday, February 25, 2011 11:17 AM

To:

(b)(6) (b)(7)(C) CID)

Subject

Job Description (b)(6),(b)(7)

As Requested...

(b)(6),(b)(7)(C)

Member of the Technical Staff, CERT

is Forensic Specialist working for CERT's Digital Intelligence and Investigation Directorate (DIID). With over five years experience in the field of Digital Forensics (b)(6), has conducted forensic investigations in civil and criminal litigation in both the public and private sectors. As a member of the CERT Digital Intelligence and Investigation Directorate (DIID)((b)(6), assists CERT's law enforcement partners in a widerange of digital forensic investigations.

(b)(6), holds a number of industry certifications including the Certified Computer Examiner (CCE), EnCase Certified Examiner (EnCE), GIAC Certified Forensic Analyst (GCFA(b)(6). Is also a member of the International Society of Forensic Computer Examiners and the Association of Certified Fraud Examiners (b)(6). obtained a Bachelor of Science degree from Utica College of Syracuse University in Economic Crime Investigation with aconcentration in Computer Security.

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Question from CERT (b)(6),(b)(7)(C)Sent from Blackberry -- Original Message --From (b)(6) (b)(7)(C) To: (b)(6),(b)(7)(C) (BOS) Sent: Wed Mar 15 13:10:51 2011 Subject: CID/CERT: Feedback from MIT case (b)(6), The guys here have some a report for you. However, their supervisor needs to review it before it goes out. Should we add him to the 6e? His name is (b)(6), (b) He is title is (b)(6), (b)(7)(C)Digital Intelligence and Investigations Directorate. He has the same address as (b)(6),(b)(7)(C)All he is doing is reviewing the report. Thanks (b)(6),(b)(7)(C) Special Agent

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U.S. Secret Service (b)(6),(b)(7) Des

412-268-5226 (Fax)

Desk) Mobile)

(b)(6),(b)(7)(C)	(CID)		
From: Sent: To: Subject:	(b)(6),(b)(7)(C)	CID);(b)(6),(b)(7)(C)	
(b)(6) (b) (b)(6) (b)(6) (b)(6)	he Python scripts and bash history you requested and provide (b)(5	ed our analysis notes in late-March.	
Please let us know how you	would like us to proceed.		
(b)(6) From: (b)(6),(b)(7)(C) Date: Tue, 3 May 201 To (b)(6),(b)(7)(C) (b)(6),(b) acert.org> Subject: RE: CID/CERT		©cert.ong>(b)(6),(b)(7)(C)	
Was a report ever fina	alized for the Swartz exam?		
(b)(6),(b)(7)(C) U.S. Secret Service Boston Field Office (b)(6),(b)(7)(C)			
To (b)(6),(b)(7)(C)	CID) arch 16, 2011 1:30 PM		
Sounds good. (b)(6),(b)(7)(C) Special Agent 11.S. Secret Service (b)(6),(b)(7)(C) (Desk) (Mobile 412-268-5226 (Fax)			
· -	ID) 3:28:51 2011 FRT: Feedback from MIT case		
No 6E letter is necess	sary		
(b)(6),(b)(7)(C)			

Sent from Blackberry

(b)(6),(b)(7)(C)

(CID)

From: Sent:

(b)(6),(b)(7)(C) (BOS)

Monday, May 16, 2011 9:52 AM

(b)(6),(b)(7)(C) CID)

Re: CID/CERT: Returning Hard Drive

To:

Subject:

Thank you

(b)(6),(b)(7)(C)

Sent from Blackberry

---- Original Message ----From: (b)(6),(b)(7)((CID). To: (b)(6),(b)(7)(C)

Sent: Mon May 16 09:51:07 2011

Subject: CID/CERT: Returning Hard Drive

(b)(6),(b)

I'm returning the drive you sent me. You should get an email from FEDEX when it's delivered.

(b)(6),(b)(7)(C)

Special Agent

U.S. Secret Service (b)(6),(b)(7)(C) (Desk) (Desk)

(Mobile)

412-268-5226 (Fax)

(b)(6),(b)(7)(C) (CID) From: (b)(6),(b)(7)(C) BOSI Sent: TURNORY, FEDREITY US, 2011 4:38 PM (b)(6),(b)(7)(C) (CID)
RE: CID/CERT: SW Progress To: Subject: Warrant is before the Judge. I have an appointment tomorrow morning to swear to it. Federal case is rolling forward. (b)(6),(b)(7)(C) U.S. Secret Service Boston Field Office (b)(8),(b)(7)(C) ----Original Message----From: (b)(8),(b)(7)((CIO) Sent: Tuesday, February 08, 2011 4:31 PM To: (b)(6),(b)(7)(C) BOS) Subject: Re: CID/CERT: SW Progress Cool. So it's signed and everything? If so, I'll tell the guys to keep the request a high priority but not to pull an all-nighter. (b)(6),(b)(7)(C) Special Agent **U.S. Secret Service** (b)(6),(b)(7)(C) (Desk) (Mobile) 412-268-5226 (Fax) ---- Original Message --From: ((b)(6),(b)(7)(C) To (b)(6),(b)(7)(C) (CID) Sent: Tue Feb 08 16:27:36 2011 Subject: RE: CID/CERT: SW Progress (b)(5) (b)(6),(b)(7)(C) U.S. Secret Service Boston Field Office (b)(6),(b)(7)(C) ----Original Message----From: (0)(6).(0)(7)(C) (CID) Sent: Tuesday, February 08, 2011 4:26 PM To ((b)(6),(b)(7)(C) (BOS) Subject: CID/CERT: SW Progress (b)(8),(b)

We received the drive this morning and started on the PCAP analysis.

What does the timeline look like for the SW? (b)(6),(b)(7)(C)

Special Agent

(b)(6),(b)(7)(C) (Desk)

(Desk) (Mobile)

412-268-5226 (Fax)

(b)(6),(b)(7)(C)(CID) (b)(6),(b)(7)(C) (BOS) From: Tuesday February 08, 2011 4:28 PM (b)(6),(b)(7)(C) CID) Sent: To: RE: CID/CERT: SW Progress Subject: Thank you very much. (b)(5) (b)(5) (b)(6),(b)(7)(C) U.S. Secret Service Boston Field Office (b)(6),(b)(7)(C) -----<u>Original Message----</u>
From: ((b)(6),(b)(7)(C) (CID) Sent: Tuesday, February 08, 2011 4:26 PM To (b)(6) (b)(7)(C) BOS) Subject: CID/CERT: SW Progress (b)(6),(b) (7)(C) We received the drive this morning and started on the PCAP analysis. What does the timeline look like for the SW? (b)(6),(b)(7)(C) Special Agent U.S. Secret Service (b)(6),(b)(7)(C) (Desk) (Mobile) 412-268-5226 (Fax)

Subject: Re: CID/CERT: SW Progress

Cool. So it's signed and everything? If so, I'll tell the guys to keep the request a high priority but not to pull an all-nighter. (b)(6),(b)(7)(C) Special Agent U.S. Secret Service (b)(8),(b)(7)(C) (Desk) (Desk) (Mobile) 412-268-5226 (Fax) From: ((b)(6),(b)(7)(C) (80S) To: (b)(6),(b)(7)(C) (CID) Sent: Tue Feb 08 16:27:36 2011 Subject: RE: CID/CERT: SW Progress (b)(5)(b)(6),(b)(7)(C) U.S. Secret Service Boston Field Office (b)(6),(b)(7)(C) ----Original Message----From: (b)(6),(b)(7)(C (CID)Sent: Tuesday, February 08, 2011 4:26 PM To: \(\frac{(b)(6),(b)(7)(C)}{\} (BOS)\)
Subject: CID/CERT: SW Progress (b)(6),(b) We received the drive this morning and started on the PCAP analysis. What does the timeline look like for the SW? (b)(6),(b)(7)(C) Special Agent U.S. Secret Service (b)(6),(b)(7)(C) (Desk) (Desk) (Mobile) 412-268-5226 (Fax)



(b)(6),(b)(7)(C)	(CID)	.14			
From: Sent: To: Cc: Subject:	Monday, November 14,)(6),(b)(7)(C)	camb ridgep olic	ca.org	W.
What do you need	from me to make this ha	appen			
(b)(6),(b)(7)(C)					
U.S. Secret Serv	··	1933			
Boston Field Off (b)(6),(b)(7)(C)	ice				
Original Me From: ((b)(6),(b)(7)(C) Sent: Tuesday, M To: Heymann, Ste Cc: ((b)(6),(b)(7)(C)) [mailto(b)(b)(rer ovember 08, 2011 2:52 PM phen (USAMA)	et.org]			
	a plus data for case req	uest	81	6.5	
Hi (b)(6),(b)					ψ.
(b)(5),(b)(6),(b)(7)(C)					
The resulting disthat can be read structures and (b)	sk images will be in EnC by a variety of standar (5)	ase's Logical d forensic to	Evidence fil ols. It will	le format, whi preserve meta	ch is a format data
Best, (b)(8),(b)(

ė

(b)(6),(b)(7)(C) (CID) (b)(6),(b)(7)(C) BOS) From: Friday July 08 2011 11:29 AM (b)(6),(b)(7)(C) CID) Sent: To: RE: Please confirm with Cert Subject: sure (b)(6),(b)(7)(C)U.S. Secret Service Boston Field Office (b)(6),(b)(7)(C) From (b)(6),(b)(7)(C) (CID) Sent: Friday, July 08, 2011 11:28 AM To:(b)(6),(b)(7)(C) (BOS) Subject: RE: Please confirm with Cert I asked (b)(6),(b) and (b)(6). for a response. By the way, they took a look at the second file you sent. Is there any way we could get an image of the thumb drive? (b)(6),(b)(7)(C) Special Agent U.S. Secret Service (b)(6),(b)(7)(C) desk) mobile) 412-268-5226 (fax) The information contained in this transmission, including attachments, is privileged and confidential. It is intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copy of this communication is strictly prohibited. If you have received this communication in error, please notify me immediately by replying to this e-mail and delete all copies of this message and all attachments. From (b)(6),(b)(7)(C) (BOS) Sent: Fri 7/8/2011 11:11 AM To(b)(6),(b)(7)(C)(CID)Subject: FW: Please confirm with Cert Please see below: We are preparing to take the Swartz case to indictment and Heymann wants to double check that everything is exactly accurate. Do you agree with the paragraphs below? (b)(6),(b)(7)(C) U.S. Secret Service **Boston Field Office** (b)(6),(b)(7)(C)

1

usdoj.gov]

From: Heymann, Stephen (USAMA) [mailto(b)(6),(b)(7)(C)

(BOS)

Sent: Friday, July 08, 2011 10:50 AM

Subject: Please confirm with Cert

To: (b)(6),(b)(7)(C)

(b)(8),(b)(7)(C) CID) (b)(6),(b)(7)(C) From: (OIC Friday, February 25, 2011 11:27 AM Sent: To: (b)(6),(b)(7)(C) Jusdoj.gov (b)(6),(b)(cert.org' Cc: Subject: Secret Service - Background Information for (b)(6),(b)(7)(Stephen: Please find the requested background information for (b)(6),(b)(7)(C)has handled Grand Jury information in other cases in other districts. (b)(6),(b)(7)(C) Member of the Technical Staff, CERT (b)(6),(1s(b)(6),(b)(7)(C) working for CERT's Digital Intelligence and Investigation Directorate (DIID). With over five years experience in the field of Digital Forensics, (b)(6).(has conducted forensic investigations in civil and criminal litigation in both the public and private sectors. As a member of the CERT Digital Intelligence and Investigation Directorate (DIID), (b)(6),(assists CERT's law enforcement partners in a wide range of digital forensic investigations. (b)(6),(b) holds a number of industry certifications including the Certified Computer Examiner (CCE), EnCase Certified Examiner (EnCE), GIAC Certified Forensic Analyst (GCFA). (b)(6).() is also a member of the International Society of Forensic Computer Examiners and the Association of Certified Fraud Examiners. (b)(6),(obtained a Bachelor of Science degree from Utica College of Syracuse University in Economic Crime Investigation with a concentration in Computer

(b)(6).(b)(7)(C)

Special Agent

U.S. Secret Service
(b)(6),(b)(7)(C)
(Desk)
(Mobile)

412-268-5226 (Fax)

Security.

(b)(6),(b)(7)(C)			
	(ISD)		
From: Sent: To: Cc: Subject: Attachments:	b)(6),(b)(7)(C) Admin Seizure - J	LEG) BOS)	
Follow Up Flag: Flag Status: (b)(8), (b)(7) (C) Reference	Follow up Flagged conversation earlier this we	(b)(6),(b)(7)(C)	
Attached is the Af profit that provide	fidavit for the seizure warra es content to scholars, resea	nt. I'm hoping this will help shed some light on t rchers and students. For further info, their web	the matter. ISTOR is a non- site is <u>www.istor.org</u> .
if you could please this asset. (b)(6), (b)(7)(C)	e let (b)(6). and I know if we o	an proceed at your earliest convenience since th	ne AUSA is anxious to get

(L)(A) (L)(T)(A)	 1
(b)(6),(b)(7)(C)	(ISD)
Subject: Attachments:	(b)(6),(b)(7)(C) SD) TRUTSUBY, MBY 12, 2011 7:59 AM (b)(6),(b)(7)(C) LEG) b)(6),(b)(7)(C) BOS) Admin Selzure - JSTOR Database Selzure Warrant Aff Draft 5-11-10 updated.pdf (b)(6),(b)(7)(C) conversation earlier this week with
profit that provide	Relative for the selzure warrant. I'm hoping this will help shed some light on the matter. JSTOR is a non-secontent to scholars, researchers and students. For further info, their website is www.istor.org . (b) and I know If we can proceed at your earliest convenience since the AUSA is anxious to get
(b)(6), (b)(7)	
	(b)(6),(b)(7) - Disk
	(b)(6),(b)(7) (c)
MH.	(b)(6), (b)(7)(C) (b)(6),(b)(7)(C)
54	(b)(6),(b)(7)(C)
	(b)(6),(b)(7)(C)

Kirwin

9:16 AM 432

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generally and at Swartz specifically; and (f) elude detection and identification.

II. THE FACTS

Late during the night of September 24, 2010, an individual registered his computer on MIT's campus and obtained a guest account on MIT's computer network. The individual did not provide his true identity at this or any subsequent time, and neither MIT personnel nor law enforcement officers knew the individual's name until his arrest months later. The individual registered his computer by specifying his name as "Gary Host," a pseudonym, and his e-mail address as ghost@mailinator.com, a disposable e-mail address by virtue of its requiring no initial e-mail registration and keeping no records of e-mail access. Before assigning the computer an IP address, MIT's network automatically collected the computer's owner-created name — "ghost laptop" — and the unique identifying number associated with the computer's Internet networking hardware, known as the computer's Media Access Control or "MAC" address.

These are standard login and communication procedures.

MIT's DHCP⁴ computer server then used a standard internet protocol to assign the individual an IP address (18.55.6.215) for use while on the network. The network kept records of the computer's registration information, its IP address, and its MAC address. These records are standard computer-networking records, and did not include any computer commands that the individual typed in or ran, or any data that the computer downloaded. (Exs. 6, 7).

³ Mailinator advertised itself as a free e-mail service that would accept mail for any e-mail address directed to mailinator.com without need for a prior registration or account; would automatically delete all e-mail after several hours, whether read or not; and would keep no logs (records) of e-mail access.

⁴ DHCP is the acronym for Dynamic Host Configuration Protocol.

On September 25, 2010, the day after registering the "ghost laptop," the individual used the "ghost laptop" to systematically access and rapidly download an extraordinary volume of articles from JSTOR by using a software program that sidestepped JSTOR's computerized limits on the volume of each user's downloads. The downloads and requests for downloads were so numerous, rapid, and massive that they impaired the performance of JSTOR's computers.

As JSTOR, and then MIT, became aware of these downloads and problems, both attempted to block the individual's computer from further communications. On the evening of September 25, 2010, after suffering hundreds of thousands of downloads from the ghost laptop, JSTOR temporarily ended the downloads by blocking network access from the computer at IP address 18.55.6.215.

The next day, however, the ghost laptop's user obtained a new IP address from MIT's network, changing the last digit in its IP address by one from 18.55.6.215 to (C)

This defeated JSTOR's IP address block, enabling the ghost laptop to resume furiously downloading articles from JSTOR. This downloading continued until the middle of September 26, when JSTOR spotted it and blocked communication from IP address (7)(C)

as well.

The September 25 and 26 downloads had impaired JSTOR's computers and misappropriated significant portions of its archive. Because the download requests had originated from two MIT IP addresses that had begun with (b)(7)(C)—that is, 18.55.6.215 and (b)(6),(b)(7)

— JSTOR began blocking a broader range of MIT IP addresses on September 26.

The new block prevented MIT researchers assigned MIT IP addresses (7)(C)—through (b)(6),(b)(7)

(as many as 253 computers) from performing research through JSTOR's archive for three to four days.

Moreover, when JSTOR notified MIT of the problems, MIT, too, banned the "ghost laptop" from using its network. To do this, MIT terminated the ghost laptop's guest registration on September 27, 2010, and prohibited the computer, as identified by its hardware MAC address, from being assigned a new IP address again through the guest registration process.

On October 2, 2010, less than a week after JSTOR and MIT had barred the individual's ghost laptop from communicating with their networks, the individual obtained yet another guest connection for the ghost laptop on MIT's network. Having recognized that MIT or JSTOR had blocked his ghost laptop by recognizing its MAC address, the individual now manipulated the ghost laptop's MAC address to mislead MIT into believing that he was a new and different guest registrant.⁵

Six days later, the individual connected a second computer to MIT's network and created another guest account using pseudonyms similar to those he had used with the "ghost laptop": he registered the new computer under the name "Grace Host", a temporary email address of ghost42@mailinator.com, and a computer client name of "ghost macbook."

On October 9, 2010, the individual activated the ghost laptop and the ghost macbook to download JSTOR's articles once again. The downloads came so fast and numerous that the individual again significantly impaired the operation of some of JSTOR's computers.

Once again, MIT could not identify who was controlling these computers or where they were physically located, and JSTOR could not isolate the interloper to a consistent IP address

⁵ A computer's MAC address is initially assigned by an equipment manufacturer, but can be misrepresented electronically by a knowledgeable user. The user altered the ghost laptop's MAC address to appear as 00:23:5a:73:5f:fc rather than the prior MAC address of 00:23:5a:73:5f:fb.

that could be blocked. Consequently, ISTOR blocked access by every computer using an MIT IP address campus-wide for approximately three days, again depriving legitimate MIT users from accessing JSTOR's services. And MIT blocked computers using the ghost laptop's and the ghost macbook's MAC addresses as well.

Nevertheless, between the end of October and January 6, 2011, the hacker obtained at least three new IP addresses and assigned his computer two new MAC addresses. He also moderated the speed of the downloads, which made them less noticeable to JSTOR. The exfiltration of JSTOR's collection was nonetheless extreme: over this period, the individual downloaded well over a million of JSTOR's articles.

Because the hacker had modified the speed of his downloads, JSTOR did not notice his latest downloads until around Christmas, 2010. Once noticed, however, JSTOR provided MIT with the hacker's latest IP address. Now that MIT's network security personnel had a more robust set of network tools, they could consult network traffic routing records and trace the IP address back to a concrete physical location on campus.

So on January 4, 2011, an MIT network security analyst traced the hacker's IP address to a network switch located in a basement wiring closet in MIT's Building 16. Building 16's street-level doors have no-trespassing signs posted on them. (Ex. 8). The wiring closet is protected by a pair of locked steel doors. (Ex. 9). The closet is generally locked, but at that time its lock could be forced by a quick jerk of its double doors. When MIT personnel entered the closet, they found a cardboard box with a wire leading from it to a computer network switch. (Ex. 10).6

⁶ MIT personnel removed the box from the laptop at first, and then MIT personnel or law enforcement officers replaced the box on one or more occasions. The second photograph was taken after the box was replaced, not when it was initially found.

Hidden under the box was the ghost laptop, an Acer-brand laptop, connected to a separate hard drive for excess storage. (Ex. 11). The network cable connected the laptop to the network switch, thus giving the laptop Internet access. (Ex. 12). The laptop's direct connection to the network switch was unusual because MIT does not connect computers directly to those switches.

MIT called campus police to the scene, who, in turn, brought in the Cambridge Police and the Secret Service. Over the course of the morning and early afternoon of January 4th, MIT and law enforcement officers collaboratively took several steps to identify the perpetrator and learn what he was up to:

- (1) Cambridge Police crime scene specialists fingerprinted the laptop's interior and exterior and the external hard drive and its enclosure;
- (2) MIT placed and operated a video camera inside the closet, which, as discussed below, later recorded the hacker (subsequently identified as Aaron Swartz) entering the wiring closet and performing tasks within it;
- (3) The Secret Service opened the laptop and sought to make a copy of its volatile memory (RAM), which would automatically be destroyed when the laptop's power was turned off, but the effort resulted in their seeing only the laptop's user sign-in screen;
- (4) MIT connected a second laptop to the network switch in order to record the laptop's communications, a type of recording often referred to as a "packet capture;" the Secret Service subsequently concurred with the packet capture, none of which was turned over to officers until MIT was issued a subpoena after Swartz's arrest;⁸
- (5) Beginning on January 4, 2011, MIT agreed to provide, and later provided, the Secret Service copies of network logs pertaining to

¹ From the time of law enforcement's arrival on January 4, 2011, through the suspect's arrest and identification on January 6, 2011, the effort by MIT and law enforcement to identify the individual was both consensual and collaborative.

This second laptop is seen on a chair in Ex. 10.

the ghost laptop and ghost macbook between September 24, 2010 and January 6, 2011, some of which records were provided consensually, the remainder of which were provided pursuant to a subpoena to MIT.³

By mid-day on January 4th, MIT and law enforcement personnel had completed their initial crime scene investigation. Experience told them that merely removing the hacker's computer equipment would just result in his renewing his efforts elsewhere. So, rather than take the hacker's equipment away, MIT and law enforcement instead restored the closet to its initial appearance upon discovery, and monitored who entered it and handled the laptop. In this way, the hacker would not necessarily know that his criminal tools had been discovered, his identity might be uncovered, and he could be stopped.

The ruse worked. Within an hour of their departure, the backer returned. After entering the wiring closet and shutting the doors behind him, (Ex. 13), the backer replaced the hard drive connected to the laptop with a new one he took from his backpack, and then concealed his equipment once again underneath the cardboard box.

Two days later, on January 6, 2011, the hacker returned to the wiring closet yet again. This time, worried about being identified, the hacker covered his face with his bicycle helmet as he entered the closet. (Ex. 14). Once inside and with the door closed, the hacker disconnected the laptop and placed it, the external hard drive, and the network cable in his backpack. (Ex. 15). As he left, he again hid his face with his bicycle helmet. (Ex. 16).

By January 6, 2011, the hacker had downloaded a major portion of the 6 to 7 million articles then contained in JSTOR's digitized database.

⁹ As discussed below, both the law and MIT's policies and procedures allowed MIT to turn these records over consensually, but it also could, and at points did, insist upon a subpoena.

A little after 2:00 that afternoon, MIT Police who had been involved in the investigation, was heading down Massachusetts Avenue within a mile of MIT when he spotted a bicycler who looked like the hacker caught on the wiring closet video.

(b)(6),(b)(7)(C)

identified himself as a police officer. After a brief exchange, the individual dropped his bike to the ground and ran away. The individual was chased, apprehended, arrested, and identified as Aaron Swartz. During a search incident to arrest, Cambridge police found a USB storage drive in Swartz's backpack, which they seized and stored as evidence.

Approximately an hour later, MIT technical staff used computer routing and addressing records to locate Swartz's ghost laptop and hard drive in the Student Information Processing Board's office in MIT's student center. Law enforcement found the equipment on the floor under a desk. (Ex. 17). The equipment was subsequently selzed and stored as evidence by Cambridge Police.

Aaron Swartz was charged by the Commonwealth in a criminal complaint alleging breaking and entering into MIT's property with intent to commit a felony, and was subsequently indicted by a Massachusetts grand jury for the same charge along with stealing JSTOR's electronically processed or stored data, and accessing a computer system without authorization.

While the Commonwealth pursued state charges, the U.S. Attorney's Office began a separate investigation on January 5, 2011. On February 9, 2011, the Secret Service obtained a warrant to search Swartz's apartment, followed by a warrant to search his office on February 11, 2011. Both were executed on February 11th. Also on February 9, 2011, the Secret Service obtained warrants to seize from the Cambridge Police and then search the laptop, the hard drive, and the USB storage device. These warrants were returned unexecuted and new warrants were

obtained on February 24, 2011. On May 16, 2011, Swartz was served with a forfeiture warrant for property of JSTOR in his possession and refused to comply with the Court's warrant. **

Swartz was indicted federally for wire fraud, computer fraud, and data theft, which was followed by the present Superseding Indictment on the same theories.

III. MOTION TO SUPPRESS INTERCEPTIONS AND DISCLOSURES OF ELECTRONIC COMMUNICATIONS BY MIT PERSONNEL (No. 1)"

Swartz first moves to suppress: (1) the historical guest registration, DHCP and IP address assignment and network routing records that MIT collected independently before January 4th as it sought to identify and locate the hacker; (2) the recording (or "packet capture") of the laptop's communications after it was found connected to MIT's network; and (3) the network's historical routing, addressing and switching records used to find the laptop after Swartz relocated it from Building 16 to the student center (Building W20) just before his arrest.

Apparently without a trace of irony, Swartz argues that MIT and law enforcement violated his rights to privacy as he hid his computers and hard drives in MIT's locked wiring closet, used pseudonyms to avoid identification, hard-wired his computers to MIT's network switch to avoid detection, siphoned off JSTOR's copyrighted documents, kept reconfiguring his computer to circumvent MIT's and JSTOR's efforts to keep him off their networks, and relocated the evidence to MIT's student center. In particular, Swartz asserts that the evidence listed above should be suppressed because the Wiretap Act, 18 U.S.C. § 2510 et seq., the Stored Communications Act, 18 U.S.C. § 2701 et seq., and the Fourth Amendment prevented MIT and

¹⁰ Swartz later reached a civil agreement with JSTOR, pursuant to which he delivered to the Secret Service four hard drives containing millions of JSTOR's documents.

¹¹ Swartz's numbering convention is used here for ease of reference.

KIND.

APFIDAVIT IN SUPPORT OF (b)(6),(b)(7)(C) being first duly sworn, hereby depose and state as follows:

INTRODUCTION AND AGENT BACKGROUND

- I. I make this affidavit in support of an application under Rule 41 of the Federal Rules of Criminal Procedure for a warrant to search Samsung Model HD154UI hard drives, serial numbers S1Y6J1CZ800326, S1Y6J1CZ800329, S1Y6J1CZ800331 and S1Y6J1CZ800332, currently in the custody of the United States Secret Service, as described in Attachment A, for the things described in Attachment B.
- 2. I am a Special Agent with the United States Secret Service ("the Secret Service"), Department of Homeland Security, and have been since 2003. My current duties include the investigation of electronic crimes and forensic examination of computers and cellular telephones. As an agent, I have participated in numerous investigations involving computer and high technology related crimes, including computer intrusions, Internet fraud and credit card fraud. I also have received specialized training in the investigation of crimes involving unauthorized intrusions into computer networks. In connection with my official responsibilities, I am charged with investigating violations of 18 U.S.C. §§ 1030 and 1343.
- 3. As set forth herein, there is probable cause to believe that the Samsung Model HD154UI hard drives, serial numbers \$1Y6J1CZ800326, \$1Y6J1CZ800329, \$1Y6J1CZ800331 and \$1Y6J1CZ800332 contain evidence, instrumentalities, and fruits of violations of 18 U.S.C. § 1030(a)(2) (intentionally accessing a computer without authorization and obtaining information), 18 U.S.C. §1030(a)(5)(A) (intentionally causing damage without authorization to a protected computer) and 18 U.S.C. § 1343 (wire fraud).
 - 4. I make this affidavit based upon communications with witnesses and others with

knowledge of relevant events, conversations with Secret Service agents, Cambridge Police, and MIT Police, my review of records gathered in the course of the investigation described below and my own observations and knowledge. Because this affidavit is submitted for the limited purpose of establishing probable cause for the requested warrant, I have not included each and every fact known to me concerning this investigation. Rather, I have set forth only those fact that I believ are necessary to establish probable cause to support the issuance of the search warrant.

5. On May 13, 2011, this Court issued a warrant to seize the following property subject to forfeiture:

All digitized journal articles, documents and records from JSTOR in the possession, custody or control of Aaron Swartz, including all electronic, magnetic and optical storage media on which they are contained, which digitized materials can be identified as follows:

- (i) all copies of all digitized journal articles, documents and records with the name JSTOR on the cover page; and
- (ii) all copies of all electronic files with the name xxxxxxxx.pdf where xxxxxxxx is a seven to eight digit number.

A copy of my Application for a Warrant to Seize Property Subject to Forfeiture ("Forfeiture Warrant Application") and the Court's Warrant to Seize Property Subject to Forfeiture ("Forfeiture Warrant") are attached hereto as Attachments C and D, and incorporated herein by reference.

- 6. In brief, as set forth in the Forfeiture Warrant Application, there is probable cause to believe Aaron Swartz:
 - a. broke into a computer network interface closet at MIT;
 - b. without authorization, accessed MIT's computer network from a network

switch within that closet:

- c. used MIT's computer network to access JSTOR's extensive electronic library; and
 - d. fraudulently took files from that library, including over a million journal articles which JSTOR made available by paid subscription or individual purchase.
- 7. The Court's Forfeiture Warrant was served in hand on Swartz on May 16th.

 Swartz failed and refused to produce any objects to be seized under the terms of the Forfeiture

 Warrant.
- 8. On or about June 3, 2011, Swartz entered into an agreement with JSTOR (the "Civil Agreement"), a copy of which is attached as Attachment E. In the recitals to the Civil Agreement, Swartz admitted that:

[F]rom on or about August 2010 to January 2011, on multiple occasions through a research institution, Swartz obtained access to the JSTOR database and downloaded from the database numerous journal articles and other material.

- 9. Swartz then undertook in paragraphs 1 and 2(b) of the Civil Agreement to deliver "all hard drive copies" of the journal articles and other material which he had downloaded from JSTOR in his possession custody and control to law enforcement officials.
- 10. On _____, Attorney Andrew Good, accompanied by Swartz, delivered four hard drives to me in accordance with the terms of the Civil Agreement:

Samsung Model HD154UI hard drives, serial numbers S1Y6J1CZ800326, S1Y6J1CZ800329, S1Y6J1CZ800331 and S1Y6J1CZ800332

11. I believe that Swartz no longer has a reasonable expectation of privacy in the

¹ In the recitals to the Civil Agreement, JSTOR and Swartz dispute whether Swartz accessed a computer and JSTOR's database without authorization or exceeded authorized access.

contents of the hard drives, having voluntarily given them to law enforcement pursuant to the terms of his Civil Agreement with JSTOR. Nevertheless, I believe it is prudent to apply for a warrant to search them out of an abundance of caution to avoid any ambiguity.

12. Following the arrest and initial stages of forensic review, I have determined that domain name registration records reflect that Swartz registered the domain "guerillaopenacces.com" in July, 2008. Records from the Internet Archive reflect that the "Guerilla Open Access Manifesto" was posted on guerillaopenaccess.com.² in pertinent part, the manifesto concluded: "We need to take information, wherever it is stored, make our copies and share them with the world....We need to download scientific journals and upload them to file sharing networks. We need to fight for *Guerilla Open Access*." (Emphasis in the original).³

CONCLUSION

	13.	Based on the information described above, I have probable cause to believe that	
(b)(5)			
			9
		•	
<u></u>			

² This record is no longer available for viewing on the Internet Archive.

⁽b)(6),(b) Evidence to date suggests that guerilla open access was a collaborative effort.

(7)(C) (b)(6),(b)(7)(C) friend of Swartz, said that she was asked by Swartz to edit the Manifesto but was uncertain with whom it was written. She also stated that she was uncertain to what extent Swartz presently adhered to the positions set out in the Manifesto.

contained within Samsung Model HD154UI Hard Drives, Serial Numbers S1Y6J1CZ800326, S1Y6J1CZ800329, S1Y6J1CZ800331 and S1Y6J1CZ800332.

Sworn to under the pains and penalties of perjury,

(b)(6),(b)(7)(C)	5:-
Special Agent	—
United States Seco	ret Service

Subscribed and sworn to before me on June _____, 2011

CHIEF UNITED STATES MAGISTRATE JUDGE

ATTACHMENT A

PREMISES TO BE SEARCHED

Samsung Model HD154UI Hard Drives, Serial Numbers S1Y6J1CZ800326, S1Y6J1CZ800329, S1Y6J1CZ800331 and S1Y6J1CZ800332, currently in the custody of the United States Secret Serice.

ATTACHMENT B

ITEMS TO BE SEIZED

- I. All records, in whatever form, and tangible objects that constitute evidence, fruits, or instrumentalities of violations of 18 U.S.C. § 1030(a)(2) (intentionally accessing a computer without authorization and obtaining information), 18 U.S.C. §1030(a)(5)(A) (intentionally causing damage without authorization to a protected computer) and 18 U.S.C. § 1343 (wire fraud), including, without limitation:
 - A. Records and tangible objects pertaining to the following entities, websites, computer networks, and IP addresses:
 - JSTOR
 - 2. Massachusetts Institute of Technology
 - 3. Jstor.org
 - 4. Mit.edu
 - 5. IP addresses in the class A domain 18.
 - 6. Guerilla Open Access
 - 7. guerillaopenaccess.com
 - B. Records and tangible objects pertaining to the following topics:
 - I. JSTOR
 - Records and data digitized by JSTOR, including, without limitation, journals digitized by JSTOR
 - 3. Records and data stored on JSTOR

- 4. Records and data originating on JSTOR
- 5. Means of access to JSTOR
- Computer software capable of making repeated requests for data
 and records from JSTOR
- Computer software capable of making repeated downloads of records and data from JSTOR
- 10. MIT's computer network
- 11. MIT's physical plant
- 12. Remote electronic storage locations
- 13. MAC addresses
- C. Records and tangible objects pertaining to the existence and identity of any co-conspirators, as well as any co-conspirators' acts taken in furtherance of the crimes listed above;
- D. Records and tangible objects pertaining to communications to any third parties in anticipation, during or following the crimes listed above about those crimes;
- E. Records and tangible objects relating to the ownership, occupancy, or use of 950 Massachusetts Avenue, Apartment 320, Cambridge, Massachusetts 02139 and assigned storage locker "C4", Acer Aspire One laptop computer, serial number LUSAX0D001001100E1601, 2.0 terabyte Western Digital hard drive, serial number WMAZA1626675, and HP USB drive,

marked 0045SMKBT1 85102; and

- F. For any computer hardware, computer software, computer-related documentation, or storage media called for by this warrant or that might contain things otherwise called for by this warrant ("the computer equipment"):
 - evidence of who used, owned, or controlled the computer
 equipment;
 - evidence of computer software that would allow remote access and control of the computer equipment
 - evidence of the attachment of other computer hardware or storage media;
 - evidence of counter-forensic programs and associated data that are designed to eliminate data;
 - 5. evidence of the times the computer equipment was used;
 - passwords, encryption keys, and other access devices that may be necessary to access the computer equipment; and
 - records and tangible objects pertaining to accounts held with companies providing Internet access or remote storage of either data or storage media.
- II. All computer hardware, computer software, computer-related documentation, and storage media. Off-site searching of these items shall be limited to searching for the items described in paragraph I.



DEFINITIONS

For the purpose of this warrant:

- A. "Computer equipment" means any computer hardware, computer software, computer-related documentation, storage media, and data.
- B. "Computer hardware" means any electronic device capable of data processing (such as a computer, personal digital assistant, cellular telephone, or wireless communication device); any peripheral input/output device (such as a keyboard, printer, scanner, monitor, and drive intended for removable storage media); any related communication device (such as a router, wireless card, modem, cable, and any connections), and any security device, (such as electronic data security hardware and physical locks and keys).
- C. "Computer software" means any program, program code, information or data stored in any form (such as an operating system, application, utility, communication and data security software; a log, history or backup file; an encryption code; a user name; or a password), whether stored deliberately, inadvertently, or automatically.
- D. "Computer-related documentation" means any material that explains or illustrates the configuration or use of any seized computer hardware, software, or related items.
- E. "Storage media" means any media capable of collecting, storing, retrieving, or transmitting data (such as a hard drive, CD, DVD, or

memory card).

- F. "Data" means all information stored on storage media of any form in any storage format and for any purpose.
- G. "A record" is any communication, representation, information or data. A "record" may be comprised of letters, numbers, pictures, sounds or symbols.

U. S. Secret Service NCIC/NLETS Response Display

ORI: MASS 10200

Response:

FROM(NLETS) ON 01/06/11 AT 15:39:39 MASS10200

DR.ILOLNOOOO

13:39 01/06/2011 37890

13:39 01/06/2011 35649 MASS10200

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01062011 1439

SWARTZ AARON H

(b)(6),(b)(7)(C)

SEX/M DOB/11081986 HGT/5'07* WGT/145 HAI/BRO EYE/BRO OLM/S632-0088-6318 CLT/D* INSTRUCTION PERMIT

EXP/07292006 ISS/07292004

RES-PID CLASS/NONE DL/IP STA/EXPIRED

TOL/TIP STA/SEE ILOLNHELP

CDL/CIP STA/SEE ILOUNHELP

EMD



Table of Contents

Subject Information	1
Comprehensive Report Summery	
Address History (4 Found)	
Cities History (3 Found)	
Counties History (3 Found)	
Possible Relatives - Summary (6 Found)	
Possible Relatives - Details (6 Found)	
Possible Associates - Summary (6 Found)	
Possible Associates - Details (6 Found)	
Neighbors (8 Found)	. 14
Neighbors' Phones (19 Found)	
Business Associations (1 Found)	
index	

(b)(6),(b)(7)(C) (ISD)

From:

(b)(6),(b)(7)(C)

BOS)

Sent:

(b)(6),(b)(7)(C)

Thursday, May 12, 2011 11:15 AM

To: Subject:

(ISD)
Fw. Comparison to Review

Attechments:

Sesizure Warrant Affidavit Comparison.pdf

(b)(6),(b)(7)(C)

Sent from Blackberry

---- Original Message -----

From: Heymann, Stephen (USAMA (b)(6),(b)(7)(C)

Dusdoi.gov>

Td(b)(6),(b)(7)(C) OS); External (b)(6),(b)(cambridge police.org

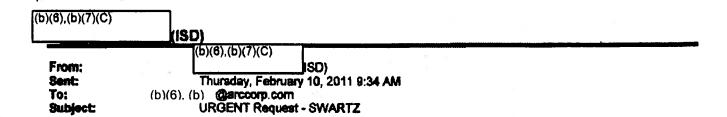
Sent: Thu May 12 11:14:21 2011 Subject: Comparison to Review

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Attachments: Dea (b)(6),(b)(7)(C) Per our phone con	ARC LEO INTEL Search Agreement.pdf Output Description I have attached the Leo Search Agreement for your reviewers.	ew. Please let me know if you have
any concerns or qu		26
Best regards, (b)(6),(b)(7)(C)	Analyst	
+1,703,816,5158 fa	rect	
CITC 4100 N. Fairfax Dri Arlington, VA 2220 http://www.arccorp	(b)(6),(b)(7) (C) ive	
To: SSR	(ISD) [mailtd (b)(6),(b)(7)(C) Pusss dhs.gov] ebruary 10, 2011 9:34 AM	
	vith an official investigation being conducted by this officing information for the following individual for the period	
Aaron H	SWARTZ - DOB 11/08/1986 (b)(6),((b)(7)(C)
	to contact me with any questions or comments at labely, I am registered with ARC's secure mail service und	br via fax at (617) 565- der the user name
Your attention t	to this matter is greatly appreciated.	(b)(6),(b)
Invoice should	be to the following:	(7)(C)
US Secret Servic 10 Causeway Su Boston MA 022	uite 44 7	

Thank you -

(b)(6),(b)(7)(C)

All e-mail to/from this account is subject to official review and is for official use only. Action may be taken in response to any inappropriate use of the Secret Service's e-mail system. This e-mail may contain information that is privileged, law enforcement sensitive, or subject to other disclosure limitations. Such information is loaned to you and should not be further disseminated without the permission of the Secret Service. If you have received this e-mail in error, do not keep, use, disclose, or copy it; notify the sender immediately and delete it.



In connection with an official investigation being conducted by this office, please provide any and all available flight information for the following individual for the period of 01/01/2011 to present:

Aaron H SWARTZ - DOB 11/08/1986

Please feel free to contact me with any questions or comments at or via fax at (617) 565-5659. Additionally, I am registered with ARC's secure mail service under the user name

(b)(6),(b) (7)(C)

Your attention to this matter is greatly appreciated.

Invoice should be to the following:

US Secret Service - Boston 10 Causeway Suite 447 Boston MA 02222-1080

Thank you (b)(6),(b)(7)
(C)

Boston Field Office 10 Causeway Suite 447 Boston, MA 02222-1080

February 10, 2011

File: 102-775-60071-S

Airlines Reporting Corporation 4100 North Fairfax Drive Arlington, VA 22203 Tel: (703) 816-8137

Attn: Fraud Department

VIA Fax: (703) 816-8138

Dear Sir/Madam,

In connection with an official investigation being conducted by this office, please provide any and all available flight information for the following individual for the period of 01/01/2011 to present:

Aaron H SWARTZ - DOB 11/08/1986

Please feel free to contact me with any questions or comments at or via fax at (617) 565-5659. Additionally, I am registered with	(b)(6),(b)(7)(C)
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Your attention to this matter is greatly appreciated.	
Very truly yours,	
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Criminal Research Specialis	t

b)(6),(b)(7)(C)	(ISD)
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It's the billing	g address for the card.
Sent: Monda T (b)(6),(b)(7)	nn, Stephen (USAMA) [mailto: (b)(6),(b)(7)(C) usdoj.gov] N. February 14, 2011 12:45 PM (C) ISD) SWARTZ - Accounts
(b)(6),(b) From Sent: Monday To: Heymann. Cc (b)(6),(b)(7	JISD) [mailto (C) usss.dhs.gov] ny, February 14, 2011 12:32 PM n. Stephen (USAMA)
I gave a call in Ave (6)(6) Can	into AMEX – SWARTZ is the supplemental card holder on an AMEX card for $(0)(6)(0)(7)(C)$ at the 950 Mass mbridge MA 02139 address. According to AMEX the card is a Premier Reward Gold card opened in 010. Let me know if you need/want the actual card number. Subpoena should be directed to:
43 But	ican Express Subpoena Compliance (by mail only, NO faxes) rtterfield Circle so, TX 79906
Citibank had n	no cards for him under his SSN.
6),(b)(7)	

All e-mail to/from this account is subject to official review and is for official use only. Action may be taken in response to any inappropriate use of the Secret Service's e-mail system. This e-mail may contain information that is privileged, law enforcement sensitive, or subject to other disclosure limitations. Such information is loaned to you and should not be further disseminated without the permission of the Secret Service. If you have received this e-mail in error, do not keep, use, disclose, or copy it; notify the sender immediately and delete it.

CALIFORNIA AW

Sale - Approved

Card Type	Visa	
Card Humber Expiration Date	XXXXXXXX	(O)(O)(O)(O)
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Entry Source Order ID	Manuai 2011 025466	
Authorization # Amount	082758 50.00	

Customer Copy

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From ((b)(6),(b)(7)(C) (BOS)

Sent: Saturday, January 12, 2013 8:05 PM

To ((b)(6),(b)(7)(C) (BOS)

Subject: Swartz is the lead story on Yahoo.

((b)(6),(b)(7) and ((7)(C) ok?

DATE/TIME OF REPORT

01/06/2011 14:20:45

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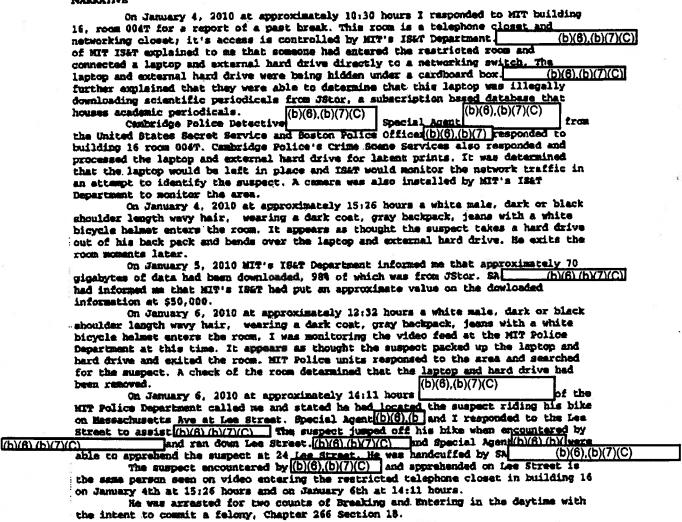
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INCIDENT

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M.I.T. POLICE CAMBRIDGE, MA

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(/h	enter the e students ti lanter com	office of 537. This houghout the day. W nuter plugged into	is a student greater the room it under the de-	roup area th m and I find mk and lavin	et is freque the network or on the flo	nted by many drop and a or. Special Agent
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M.L.T. POLICE CAMBRIDGE, MA

OFFICER REPORT

the Cambridge Police department.

	OFFICER REPOR				€	
Thecment a	REPORT DATE	REPORT TYPE	Ортен	RANK	BEVIEW STATUS	
11000951/4	01/06/2011 14:20:45	Supplement	(b)(6)	,(b)(7)(C)	APPROVED	12
Not For Public	Release Date/	lime Printed: Pri Pe			(b)(6),(b)(7)(C)	
OFFICER R	RPORT					
As Of 01/18/20	11 09:48 :26				ļ	
Narrative		(b)(6),(b)(7)	(C)	75 7	(6),(b)(7)(C)	
On Frid	lay, January 14, 29 los station. I hadi	11 T		WICH Mr.	at	
	mbo array with	DIGI.(DR/AC)	DE EDA	HTT Police	(b)(6),(b)(7	XC)
L 35 143	(b)(8),(b)(7)(C)	au macantables	and almos t	VhV@\	hV7 losss	
plature C at	hours a photo arr finished the array the person he had	seen. Photogra	ph C is ider	rified as M	identified r. Swarts.	

http://18.169.0.247/QED//policepartner/common/crimeweb/incview/main.jsp?agency=Ml... 2/25/2011

hem.	1544
Western Digital Hard Drive, Model WD1200, Serial # WMANN1006724	-38
Apple Multi Adapter, White, S/N 6F9395M7ZU6	-31
Apple Multi Adapter, White, S/N 6F7281NNU4S	-31
Galaxy Metal Gear Box External Hard Drive	-82
Nokia Cali Phone w/ power cord	-34
T Mobile, HTC G2 Cell phone w/ power cord	-34
12 Magnetic Media Tapes in Fedex Box	-34
Acer Aspire One Model 532H, S/N LUSAX0D0010011001E1601	-39
Rocketfish Enclosure Kit containing on Western Digital 2TB HDD S/N	
WMAZA1626675	-39
HP USB Drive Marked 0045\$MKBT1 85102	-39
Macbook Mac 05X Install Disc 1 and 2	-33
Macbook User Guide S/N 2V09082006	-33
Apple Care Service Letter, Dispetch #R7276408	-33
Genius Bar Work Confirmation Repair #R7276313 and R7276408	-33
Digital Media Compact Flash 256MB Simple Tech	-33
T Mobile Sidekick	-36
Sony Micro Vault, Orange	-36
Office Depot DVD/R, Handwritten Label "Bibliographic Data Which Mysteri	ously
Appeared One Day as the Sun Was Shining"	-37
Pocket Notebook with blue and white hexagon	-37
Samsung HDD 1500GB Hard Drive S/N S1Y6J1CZ800326	-119
Samsung HDD 1500GB Hard Drive S/N \$1Y6J1C2800329	-119
Samsung HDD 1500GB Hard Drive S/N S1Y6J1CZ800331	-119

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R 147F



U.S. SECRET SERVICE BOSTON FIELD OFFICE

10 Causeway Street, Suite 447 Boston, MA 02222



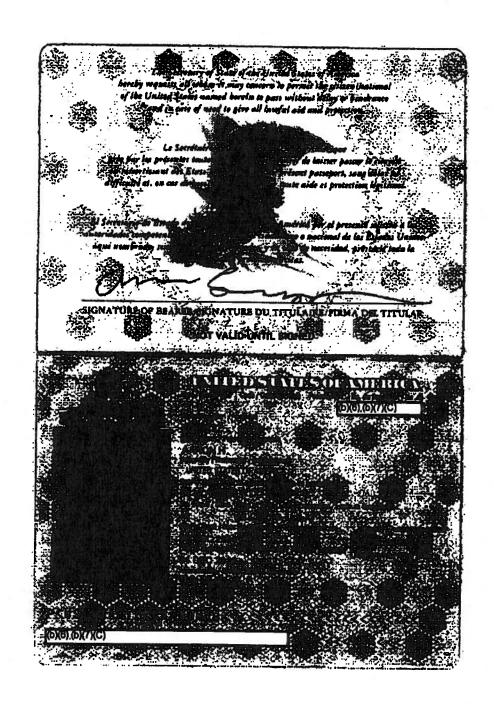
617.565.5640 phone - 617.565.5659 fax

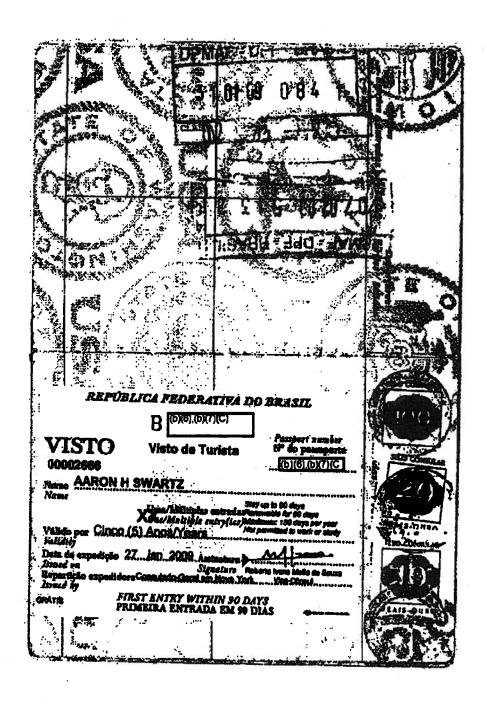
TO:	(b)(6),(b)(7)(C)		
	Federal Convicte	1 Offender	Program
Recipien	nt Fax Number: <u>703</u> -		
FROM:	SA		17
SUBJEC	T. SWARTZ,	AARON	
DATE:	8/5/11	PAGES:	<u>Z</u>

The information contained in this facsimile message, and any and all accompanying documents constitutes information subject to law enforcement sensitivity. This imformation is property of the United States Secret Service. If you are not the intended recipient of this information, and disclosure, copying, distribution, or taking of any action in reliance on this information is strictly prohibited. If you received this information in error, please notify us immediately at the above number to make arrangements for its return. Thankyou.

AO 442 (Mr. 91/99) Altreat Warrant	* · · · · · · · · · · · · · · · · · · ·
RECEIV HARSHAL BOSTON	ED STATES DISTRICT COURT for the District of Massachusetts
Aaron Swartz Diffendent	Case No. //-C/-/0260
	ARREST WARRANT
To: Any authorized law enforcement of	fficer
(name of person to be arrested) Astron Swartz who is accused of an offense or violation be Supersoding Indicate Probation Violation Petition Supersoding Indicate This offense is briefly described as follows: 18 U.S.C. 1343 (Wire Fraud); 18 U.S.C. 103	pervised Release Violation Petition
Date: July 14, 2011 City and state: Boston, Massachusetts	A DISTRICTION OF THE PARTY OF T
	Principal
	Return
This warrant was received on (sine) at (sity and state) Date:	, and the person was arrested on (date)
	Arresting officer's signature Printed name and title

R Į,F





Page 2 of 2

CAMBRIDGE POLICE DEPARTMENT CAMBRIDGE, MA

Supplementary Report #11000078/3

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Case Title		Location						T		-	
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891: (1) known f	ingerprint car	d for Agre	in Maj	TS. DO	B: 11/	/08/1986	E. W/W.	OMTH:			
TCM201100032, co	llected on Jan	wary 6, 20	11.		~~,		- , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
LP7: (1) small c	lear hinge 146	ter collec	ted fo	om the	2000						
(CS1). Collected	neday to fund	ng on 2/16	/2011			PAGE	JULIAL	OF CD	D ECTA		
	AA FAMT	mg out at 10	7 = VII	we abb	tux. (וטָת כניני	TES.				
2LP7: {1} mmall (clear hinge li						_				

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(Continued on next page)

Page 2 of 2

CAMBRIDGE POLICE DEPARTMENT CAMBRIDGE, MA

Supplementary Report #11000078/3

	(b)(6),(b) (7)(C)	retor.
Case Title	Location 301 VASSAR ST (BLD 1)	
Date/Time Reported 01/04/2011 10:49:00	Date/Time Occurred	_
ncident Type/Offense KIRCELLAMBOUR STATUTORY V		-

fuming and traditional black powder processing. Collected on 2/10/2011 at approx. 1216 hours. LPS: (1) small clear hinge lifter collected from CS2a (silver metal surface). Collected after fuming and traditional black powder processing. Collected on 2/10/2011 at approx. 1150 hours.

LP9: (1) small clear hinge lifter collected from CS1 between areas for LP6 and LP7. Collected after fuming and traditional black powder processing. Collected on 2/10/2011 at approx. 1223 hours.

MARRATIVE:

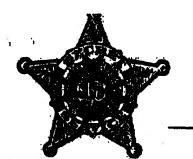
On February 10, 2011 and February 11, 2011 I examined the above latent lifts and their respective photographs to determine their value for comparison. LP7, 2LP7, and LP9 were determined to contain insufficient quantity and quality for comparison. LP8 was determined to contain sufficient quantity and quality for comparison.

contain sufficient quantity and quality for comparison. LPS was determined to exemplar prints for Asron SWARTE (Item SP1) and individualized it to the \$6 impression. I submitted a Verification Request to Boston Police Department, on February 25, 2011.

Verification report received on March 9, 2011. See case attachments for Verification report and supported documents.

Reporting Office	Wall and the control of the control	Compare the contract of the co	
(b)(6),(b)(7)(C)	l	(b)(8),(b)(7)(C)	
•			476

	POLICE DEPARTMENT CAMBRIDGE, MASSACHUSETTS					RECORD OF BOOKING PLEASE PRINT				
	CELL NUMBER RELEASED		ARREST MU TCAM20	100032	01/06/2011	E OF BOOKING 14:46:26		INCIDENT NUMBER		
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U.S. Secret Service

Examiner: Special Agent Phone: (b)(6),(b)(7)(C)

(b)(6),(b)(7)(C)

Fax: Email 617-565-5659

(b)(8),(b)(7)(C)

usss.dhs.gov

Forensic Cover Report

Date:

05/20/11

investigator:

(b)(6),(b)(7)(C)USSS case no.:102-775-60071-S

Investigative Summary: (b)(6),(b)(7)(C)

SA conducted a forensic examination of digital evidence received from the Cambridge Police Department as part of a network intrusion and wire fraud investigation, case 102-775-60071-S. This examination was conducted pursuant to a search warrant.

This report DVD is designed to provide information on what evidence has been identified as relevant by the examiner on the subject digital evidence. Additional evidence may be present if further information is provided to the examiner.

Items examined:

The following items are discussed in this report cover:

Acer Aspire One with serial number LUSAXOD001001100121601 containing a Hitachi 160G8 hard drive with serial number QCE2TH4H

A Rocketfish hard drive enclosure containing a Western Digital 2TB hard drive with serial

An Apple iMac Model Al311 with serial number #8025AXGDB7.

A Western Digital Model WD1200JS-00MHB0 120GB hard drive with serial number WD-

A HTC G2 cell phone with IMEI 359116031962625 and serial number HT09SR203106. The HTC cell phone contained a Sandisk 8GB micro SD Card.

A Nokia model 2320 cell phone with IMEI 012185001723274

A flash drive with the markings HP and 8GB.

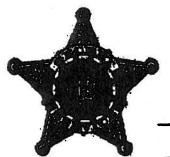
A Sony Micro Vault Tiny.

On 02/11/11, the Apple iMac model A1311 was placed into target disk mode and an image of the hard drive was made using Access Data FTK imager through a Tableau T9 Forensic Firewire Bridge. The image of the hard drive was later examined using Access Data Forensic Tool Kit (FTK) and Guidance Software Encase.

On 02/11/11, the Western Digital 120GB hard drive was imaged using FTK imager trough a Tableau T35es forensic SATA bridge. The image of the hard drive was later examined using

On 02/14/11, Nokia 2320 cell phone was examined using the CelleBrite Universal Forensic Extraction Device (UFED) and SIMCon SIM Card Recovery.

On 02/16/11, the SIM card from the HTC G2 was examined using SIMCon. The SanDisk 8GB micro \$D card was placed in a memory card reader and copied through a Tableau T8 Forensic



U.S. Secret Service

Examiner: Special Agent (b)(6),(b)(7)(C) Phone: Fax:

(b)(6),(b)(7)(C

817-585-5859 **Email:**

vog. anh. assur

(b)(6),(b)(7)(C)

Forensic Cover Report

Investigator:

(b)(6),(b)(7)(C)

USSS case no.:102-775-60071-S

Investigative Summary: (b)(6),(b)(7)(C)

07/26/11

Date:

conducted a forensic examination of digital evidence received from the Cambridge Police Department as part of a network intrusion and wire fraud investigation, case 102-775-60071-6. This examination was conducted pursuant to a search warrant.

This report DVD is designed to provide information on what evidence has been identified as relevant by the examiner, within the scope of the search warrant, on the subject digital evidence. Additional evidence may be present if further information is provided to the examiner.

Items examined:

The following items are discussed in this report cover:

Samsung Model HD154UI 1500GB Hard Drive with serial number 81Y6J1C2800326.

Samsung Model HD154UI 1500GB Hard Drive with serial number S1Y6J1C2800329.

Samsung Model HD154UI 1500GB Hard Drive with serial number 81Y6J1C2800331

Samsung Model HD154UI 1500GB Hard Drive with serial number 81Y6J1C2800332.

The Samsung hard drive with serial number \$1Y6J1CE800326 contained 2,726,544 Portable Document Pormat (PDF). The first PDF file was created on 12/13/10 and the last PDF file was created on 01/04/11.

The Samsung hard drive with serial number \$1Y6J1C2800329 contained 1,739,461 Portable Document Format (PDF). The first PDF file was created on 10/12/10 and the last PDF file was created on 12/12/10.

The Samsung hard drive with serial number S1Y6J1CE800331 contained 1,005,388 Portable Document Format (PDF). The first PDF file was created on 10/02/10 and the last PDF file was created on 10/09/10.

The Samsung hard drive with serial number \$1Y6J1CZ800332 contained 3,391,669 Portable Document Format (PDF). The first PDF file was created on 09/24/10 and the last PDF file was created on 09/26/10.

(b)(6),(b)(7)(C)

Special Agent U.S. Secret Service



Electronic Crimes Special Agent Program

CASE NUMBER: 102-806-0060071

TOTAL MEDIA PROCESSED:

9.30 TB

CABE TITLE: Swartz

SUBJECT: Swertz, Aeron

100: N

CITY OF OFFENDE: Cambridge

REQUESTER: AUSA Hovmann

STATE OF OFFENSE: MA

(b)(**8**),(b)

EXAMINER'S SUPERVISOR: (7)(C)

EXAMINER'S OFFICE: 908 (102)

CASE OFFICE: BOS (102)

DATEBIAPPROVERS

EXAM DATE: 07/07/2011

APPROVED DATE: 07/27/2011

SUBSET DATE: 07/25/2011

USSS CASE REPORTSATION

TCVSE:

88F-1544: 102 2011 CE 39

S-CASE: S

INTERMAL TRACKING NUME

OCCURRENCE: NOT SPECIFIED

ICR

OTHER AGENCY INFORMATION

OTHER AGENCY: N

OTHER AGENCY NO:

RECLIESTOR:

REQUESTOR NUMBER:

CASE ENCRYPTION

ENCRYPTION USED: N

ENCRYPTION DESCR: NOT SPECIFIED

COMMENTS

CASE SUMMARY: Agron Swartz broke into a network closet in MIT, attached a laptop to the MIT

network and lilegally downloaded a large number of documents from JSTOR.

DISPOSITION EVIDENCE: Hold in the Boston Field Office pending judicial action

CASE TYPES

PRIMARY CASE TYPE: 806.775 - Computer Crime Investigations

\$ECONDARY CASE TYPES: 848,193 - Financial Crimes Tests Forone.

848.191 - Electronic Crimes Task Force

848.990 - Crimes involving use of Emerging Technology

848.304 - Books/Poems/Plays

INVESTIGATIVE TOOLS

(b)(6),(b)(7)(C)

(b)(6),(b)(7)

Office: BOSTON FIELD OFFICE Agent Phon

CASE NUMBER: 103-000-0000071

TOTAL MEDIA PROCESSED:

9.30 TB

SOFTWARE TOOLS

Smertcerd Commender - Embedded Device Forensics

CutteBrite - Call Phone Forensice

FTK - Foremule Tool Kit Encase - Encase

COMMENTS: NO SOFTWARE COMMENTS PROVIDED

HARDWARE TOOLS

UFED (Calibrita) - Cell Phone Forensics SIM Card Reader - Embedded Device Forensics Litra Toolid: - All Withblock Davices in the Ultra Toolid:

COMMENTS: NO HARDWARE COMMENTS PROVIDED

CASE COMPLITERS

COMPUTER DETAIL:

MODEL: Aper Aspire

ACCUIRED BY:

(b)(6),(b)(7)(C)

BERNAL NO: LUSAXOD0010011001E1601

ACQUIRED DT: 02/25/2011

START DATE: 02/25/2011

END DATE: 06/20/2011

PROCESSED BY: SA ((b)(6),(b)(7)(C)

HARD DRIVE(S) DETAILS:

MODEL.

SERIAL NUMBER

84218

HRSchi HT8545016BBA3

091209PB5906QcE

160.00 G

HD COMMENTS:

COMPUTER DETAIL:

MODEL: Apple iMac A1311

(b)(6),(b)(7)(C)

SERIAL NO: W6025AXGOS7

ACQUIRED DT: 02/11/2011

START DATE: 02/11/2011

END DATE: 05/20/2011

PROCESSED BY: SALC)

HARD DRIVE(S) DETAILS:

MODEL.

SERIAL NUMBER

SIZE

Imaged by TDM

imaged by TDM

1.00 T

HD COMMENTS:

EMBEDDED TECHNOLOGY

(b)(6),(b)(7)(C)

Office: BOSTON FIELD OFFICE Agent Phone

(b)(6),(b)(7)(C)

CASE 16,000ER: 102-006-0000071

TOTAL MEDIA PROCESSED:

9.30 TB

ENSEDDED TECHNOLOGY

MODEL: Nokin 2820

(b)(8),(b)(7)(C)

SERIAL NO: 012185001723274

ACQUIRED DT: 02/14/2011

START DATE: 02/14/2011

END DATE: 05/20/2011

PROCESSED BY: 84(6),(6),(6),(7)

STORAGE DETAILS:

DESCRIPTION

SERIAL MUNICIPER

3/22

Internet Memory

Internet Memory

32.00 M

HD COMMENTS:

EMBEDDED TECHNOLOGY

MODEL: HTC G2

ACQUIRED BY: 84 (C)

(b)(8),(b)(7)

SERIAL NO: 360116031962626

ACQUIRED DT: 02/16/2011

END DATE: 05/20/2011

START DATE: 02/16/2011 (b)(6),(b)(7) PROCESSED BY: SA(C)

STORAGE DETAILS:

DESCRIPTION Internal Memory SERIAL MUMBER

SZE

Internal Memory

4.00 G

HD COMMENTS:

LOOSE DRIVES

(b)(6),(b)(7) (C)

Office: BOSTON FIELD OFFICE Agent Phone (C)

(b)(6),(b)(7)

CASE NUMBER: 102-868-0066071

TOTAL MEDIA PROCESSED:

9.30 TB

MODEL:WO20EARS

SERIAL MINISER:WD-WMAZA1626676

81212-2.00 T

(b)(6),(b)(7)(C

ACCURRED DATE:

02/26/2011

EXAM START:02/28/2011

EXAM END: 05/20/2011

COMMENTS: None specified

RODEL: Western Digital WD1200JS

SERIAL NUMBER:WO-WMANN1008724

ACCUIRED DATE:

02/11/2011

PROCESSED BY: &

EXAM START:02/11/2011

EXAM END: 05/20/2011

COMMENTS:None specified

MODEL: Sumsung HD154U1

SERIAL NUMBER: 81Y8J1C2800328

b)(6),(b)(7)(C ACQUIRED BY:8

ACQUIRED DATE:

06/25/2011

EXAM START:06/27/2011

PROCESSED BY:SA

EXAM END: 07/07/2011

COMMENTA; None specified

MODEL:Samsung HD164UI

SERSAL NUMBER: S1Y8J1CZ800329

ACQUIRED BY:8

ACQUIRED DATE:

08/27/2011

PROCESSED BY:8/

EXAM START:08/27/2011

EXAM END: 07/07/2011

COMMENTS: None specified

(b)(6),(b)(7) (C)

Office: BOSTON FIELD OFFICE Agent Phone (C)

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CASE MEDIA

CASE CREDIT

EXAM RESULTS

HARD DRIVE CREDIT:

MEDIA CREDIT:

5-TECH CREDIT: TOTAL CREDIT:

EVIDENCE FOUND: YES

AUTHORITY: Warrent

MODEL:Samoung HD164UI

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SERIAL MUMMERS 61Y6J1CZ800381 SIZE:1.50 T

EXAM START:08/23/2011

COMMENTS: None specified

SERIAL MUSIBER-S1Y8J1CZ80GS32

EXAM STARTX00/22/2011

Stm Card (Cell Phones) - Cell Phones Secure Digital Card

COMMENTS: None specified

MODEL:Sameung HD164UI

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CATEGORY

USB Thumb Drives

3

9.30 TB

ACCLURED DATE:

ACQUIRED DATE:

06/23/2011

06/22/2011

EXAM EMD: 07/07/2011

EXAMEND: 07/07/2011

8.0 GB

6.0 GB

(b)(6),(b)(7)(C)

Office: BOSTON FIELD OFFICE Agent Phone

COMMENTS: NO COMMENTS PROVIDED



U.S. Department of Homeland Security UNITED STATES SECRET SERVICE

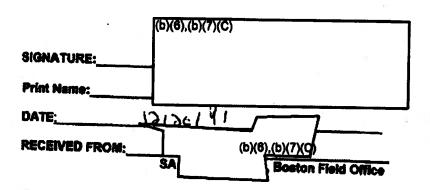
Boston Field Office 10 Causeway St., Suite 447 Boston, MA 02222-1080 Telephone: (817) 586-5840

File: 102-775-80071-S

RECEIPT

I acknowledge receipt of the following items from the U.S. Secret Service, Boston, MA:

One (1) Western Digital My Passport hard drive, serial #WXG1A8146179





U.S. Department of Homeland Security UNITED STATES SECRET SERVICE

Boston Field Office 10 Causeway St., Suite 447 Boston, MA 02222-1080 Telephone: (617) 565-5640

File #: 102-775-60071-9

(b)(6),(b)(7)(C) CEIPT On November 21, 2011 SA Boston Field Office returned the below listed items to Martin Weinburg, Attorney for suspect Aaron Swartz. TEME SSF 1544 Evidence S/N: **Description** 102 2011 CE 31 Scientific Atlantic Modern with **Power Cord** Black Notebook Journal 102 2011 CE 32 Statements, Mail in Rebate, Notebook Paper with black writing, and Master's Thesis M-876 Lind 102 2011 CE 33 Wireless Broadband Router Linksys 102 2011 CE 38 bods, Wireless ITalk, and Thumbdrive 102 2011 CE 36 (39) Misc CD's

> Pure Drive Harddrive , Disc Utility Internal Harddrive Upgrade, and Seagate Sata Internal Harddrive

(18) Department of Labor CD's

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SIGNATURE	1	
DATE: N/EVII		

102 2011 CE 37

102 2011 CE 81

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RAW THOUGHT

Guerilla Open Access

by Aaron Swartz

A few months ago I got to attend a meeting in Eremo, Italy, a beautiful abandoned monastery deep into the European countryside. There, talking with others round the world, I realized that the Open Access movement simply wasn't enough -- even if we got all journals going forward to be open, the whole history of scientific knowledge would be locked up. We had to do something more.

Talking with others at the meeting. I realized what must be done. If we couldn't set free access to this knowledge, folks would have to take it. Guerilla open access. So I wrote up a manifesto:

"I agree," many say, "but what can we do? The compenies hold the copyrights, they make enormous amounts of money by charging for access, and it's perfectly legal there's nothing we can do to stop them." But there is something we can, something that's already being done: we can fight back.

I'm announcing the project in a talk today at Software Freedom Day in Boston, but I'm also announcing it here:

Visit guerillaopenaccess.com and ioin us.

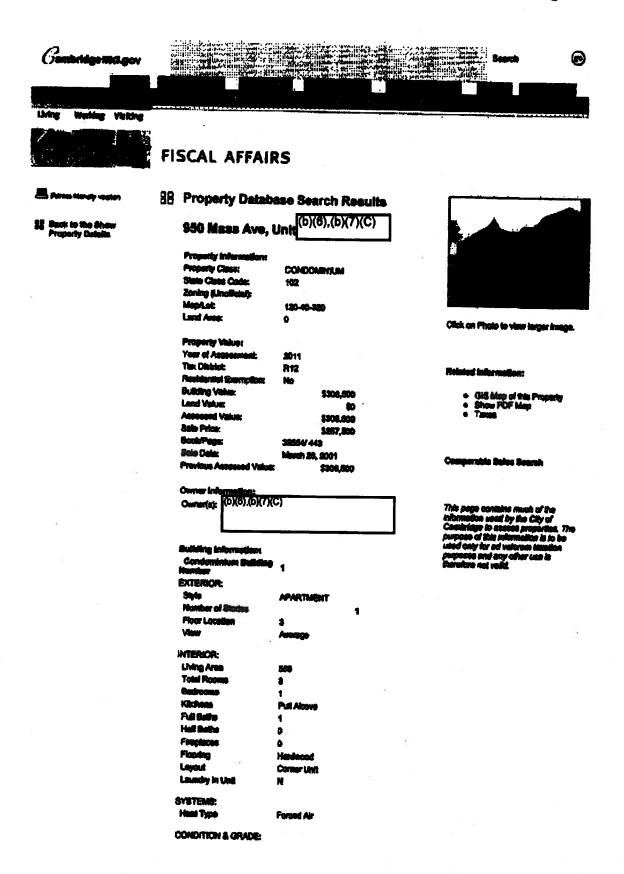
September 20, 2008

Read comments.

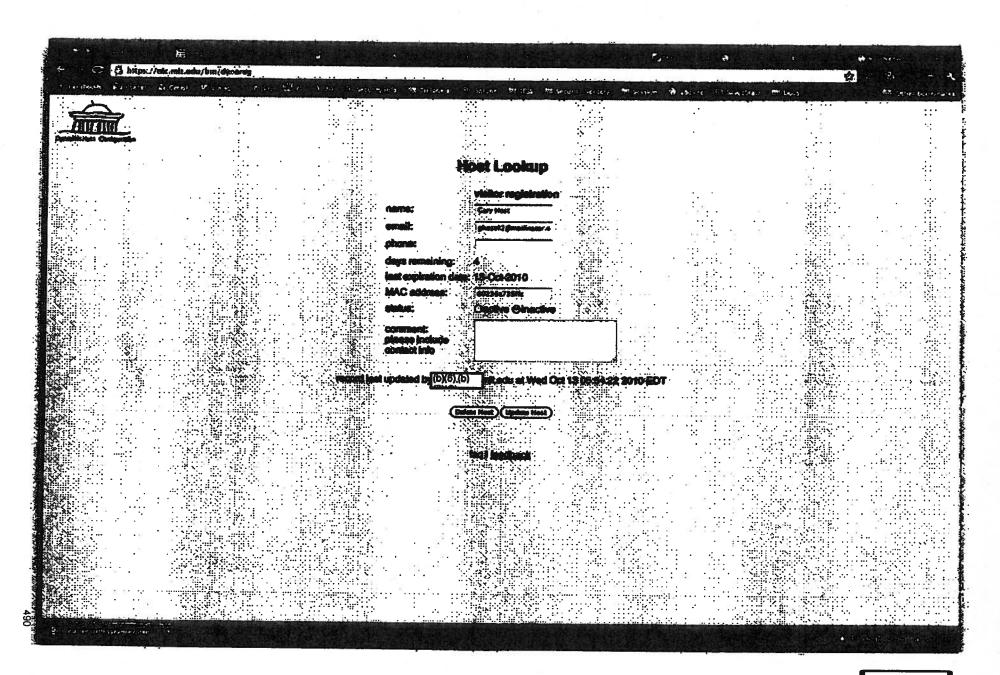


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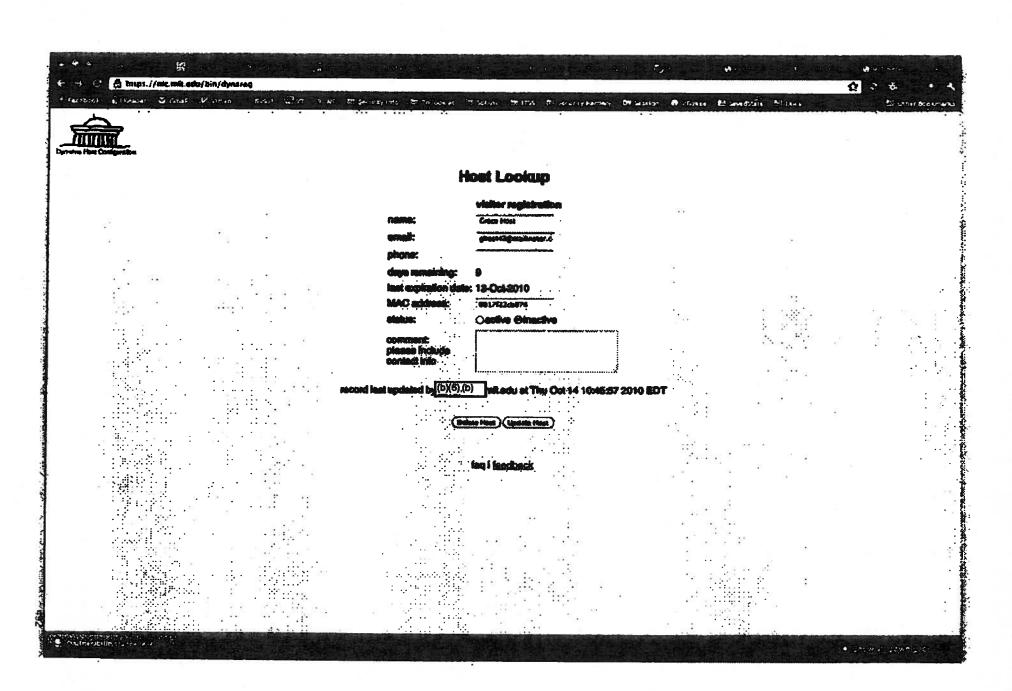
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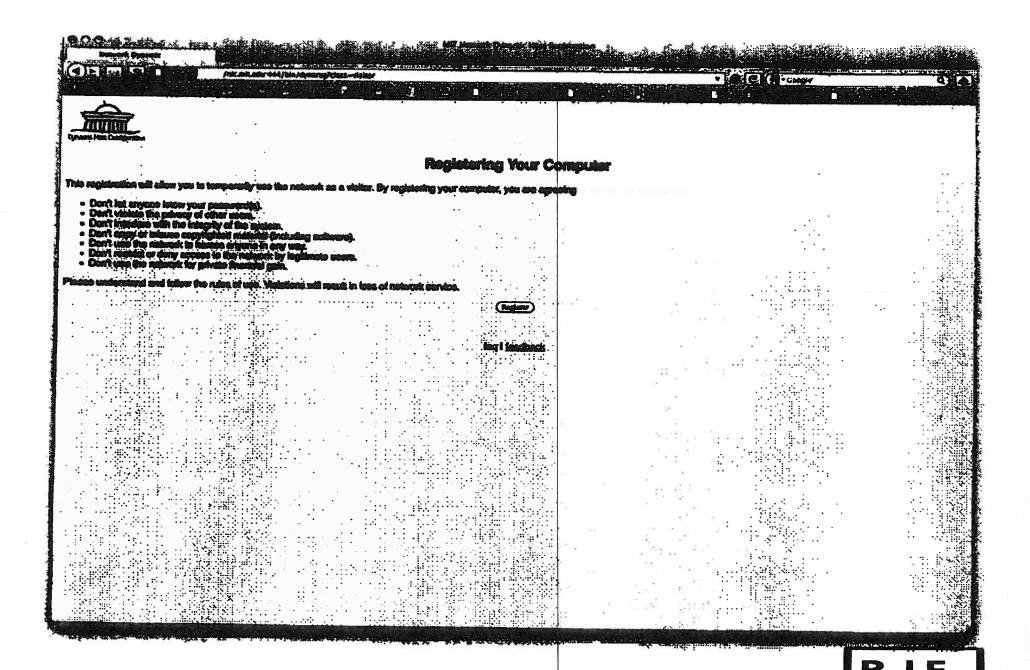


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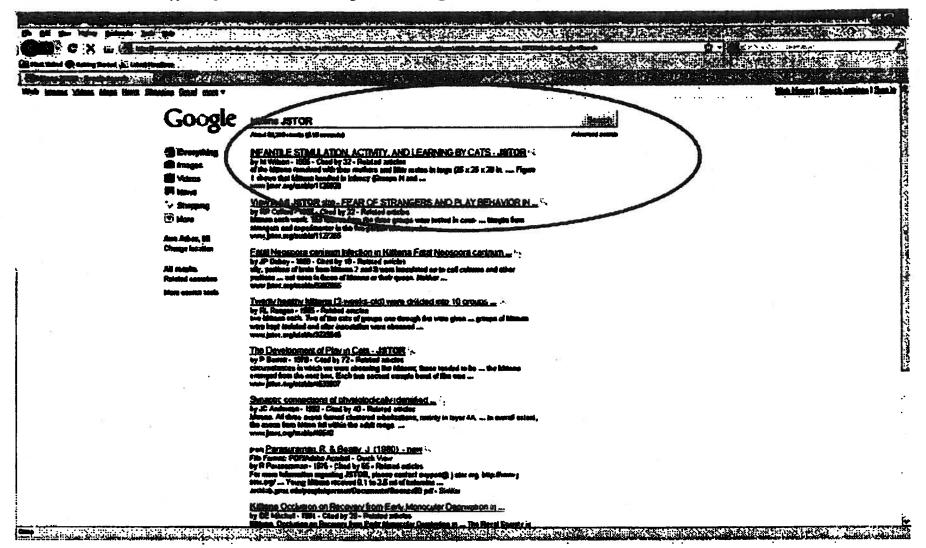


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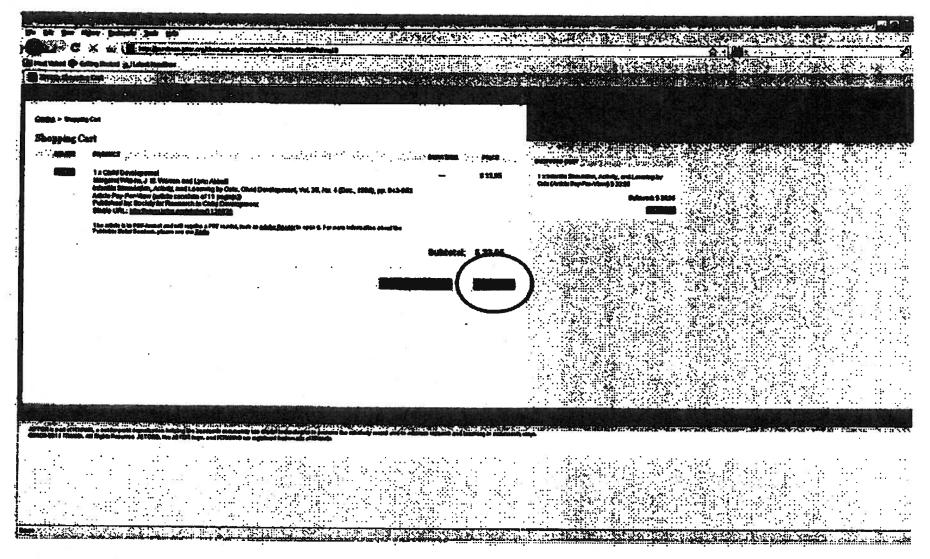
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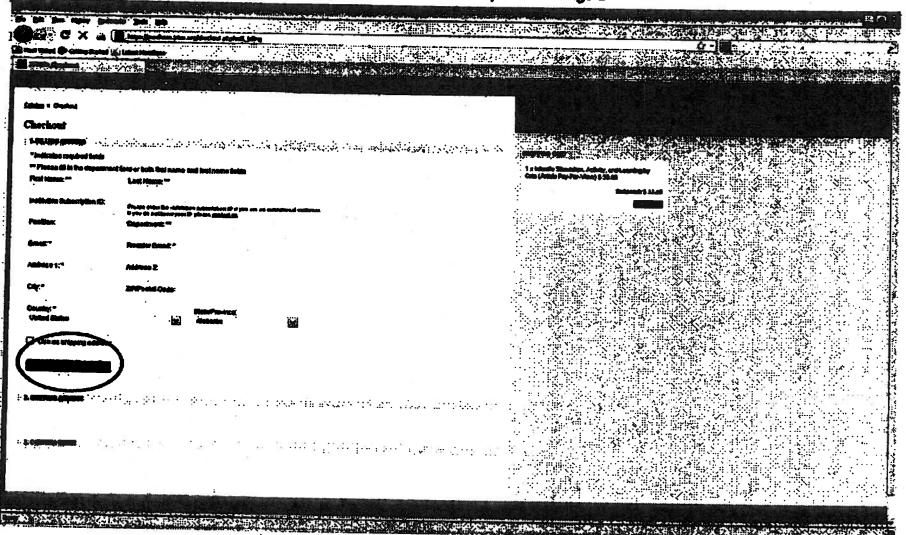
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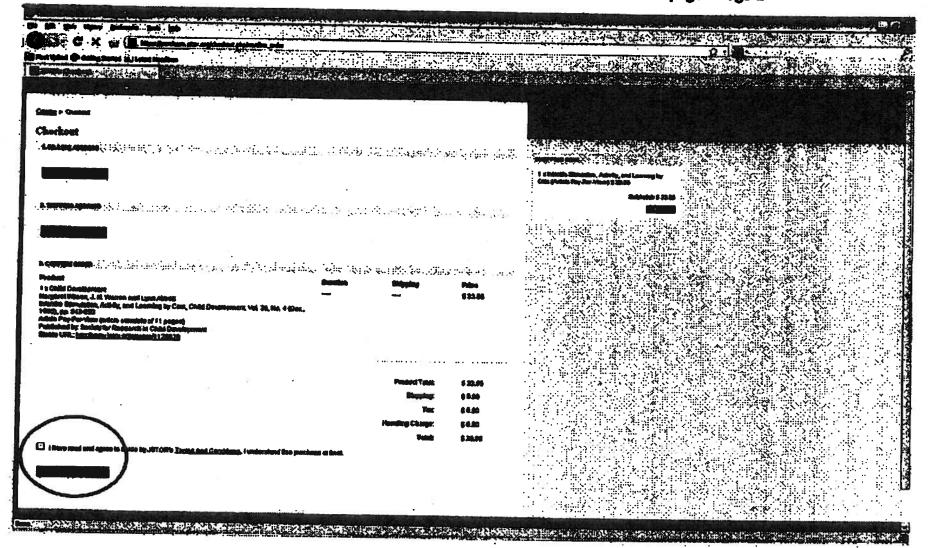
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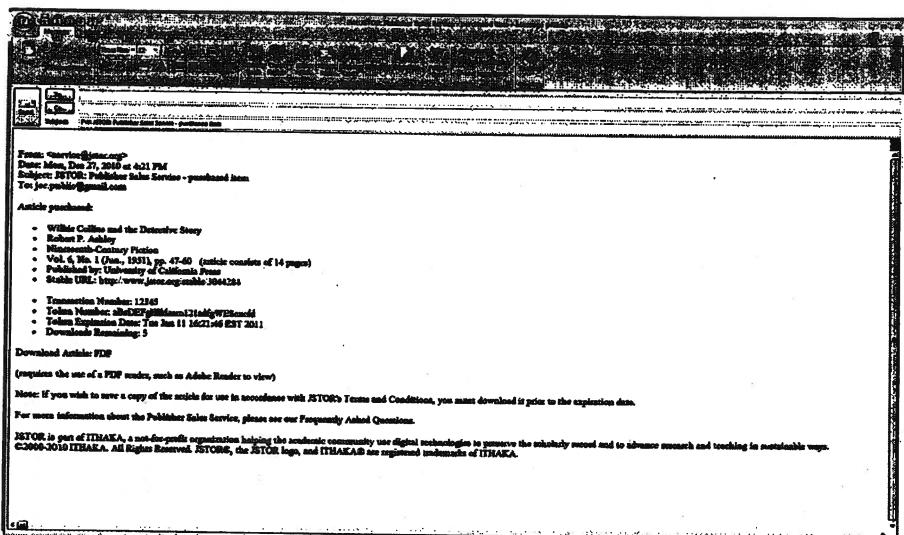
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