

[TUTO] Andromeda Botnet Configuration

Connexion : PASSE
Adresse : 217.159.199.106 (213.202.203.203, 196, 196)
Commande : ME33
Options : C:\> Opening ASCII mode data connection for 196.33
Réponse : 225 Transfer complete
Status : Contenu du dossier affiché avec succès

FTP dossier : Site local : C:\Users\JCH\Documents\Andromeda v2.06\Plugins / Site distant : Panel\plugins

Nom de fichier	Taille de fi...	Type de fichier	Dernière modif...	Droits d'ac...
Andromeda v2.06				
Anti virus.exe				
Panel				
Plugins				

Nom de fic...	Taille de fi...	Type de fic...	Dernière modif...	Droits d'ac...
Panel				
fg_log	Dossier de...		18-03-2013 18...	Résultat 0...
social	Dossier de...		18-03-2013 18...	Résultat 0...
ntar.exe	53	Fichier MF...	18-03-2013 18...	autre (044)...
index.php	77	Fichier PHP	18-03-2013 18...	autre (044)...

Sélection de 3 fichiers. Taille totale : 11 988 octets / 3 fichiers et 2 dossiers. Taille totale : 90 octets

Service / Fichiers local	Destination	Fichiers distant	Taille	Progrès	Status

5:10 / 12:49

Control Panel details

[TUTO] Andromeda Botnet Configuration

Statut: Échec opération de contenu de dossier...
 Commande: CDP
 Réponse: 255 CDP command successful
 Commande: PWD
 Réponse: 257 "Panel" is the current directory
 Statut: Contenu du dossier affiché avec succès

Site local: C:\Users\Victor\Documents\Andromeda v2.05\Plugins\

Nom de fichier	Taille de fi...	Type de fichier	Dernière modif. at...
1-pack	6 864	Fichier PACK	27/08/2012 23:58:12
2-pack	3 311	Fichier PACK	31/07/2012 18:09:07
3-pack	893	Fichier PACK	01/08/2012 23:07:26

Sélection de 3 fichiers. Taille totale: 11 068 octets

Nom de fic...	Taille de fi...	Type de fic...	Dernière modif...	Grands d'ac...
plugins				Télécharger
back.css				Ajouter les fichiers à la file d'attente
config.g				Développer le dossier
fg.php				Renommer le fichier
gen.gd				Créer un dossier
index.php				Créer un nouveau fichier
img.php				Actualiser
image.g				
index.php				Supprimer
				Renommer

Sélection de Copier l'ajout sélectionné dans le presse-papier

Source / Fichier local	Destination / Fichier distant	Taille

Activate Windows

[TUTO] Andromeda Botnet Configuration

The screenshot displays the Andromeda Botnet Configuration software interface. The main window shows a file explorer view of a local drive (C:\Users\AChv\Documents\Andromeda v2.06\Plugins) with a tree view containing folders for 'Andromeda v2.06', 'Anti-virus', 'Panel', and 'Plugins'. Below the tree is a table of files:

Nom de fichier	Taille de fi...	Type de fichier	Dernière modifia...
l.pack	6 884	Fichier PACK	27-08-2012 21:51:12
l.pack	3 211	Fichier PACK	31-07-2012 16:19:37
l.pack	289	Fichier PACK	02-08-2012 23:27:28

A 'Modification des attributs du fichier' dialog box is open, showing permissions for 'l.pack'. The dialog includes sections for 'Permissions de propriétaire', 'Permissions de groupe', and 'Permissions publiques', each with checkboxes for 'Lire', 'Écrire', and 'Exécuter'. It also features a 'Cacher l'attribut' section and a 'Sélectionner des options' section with radio buttons for 'Appliquer à tous les fichiers et dossiers', 'Appliquer uniquement aux fichiers', and 'Appliquer uniquement aux dossiers'. The 'Appliquer à tous les fichiers et dossiers' option is selected.

[TUTO] Andromeda Botnet Configuration

Adresse : 255.255.255.255 in the current directory
 Statut : Contenu du dossier affiché avec succès
 Délai : 421 (si transfert binaire (30 secondes) dans un autre connecteur)
 Erreur : Connexion interrompue par le serveur
 Statut : Résolution de l'adresse de ftp-vert.orient.fr
 Statut : Connexion à 213.202.203.21...

Site local : C:\Users\Alex\Documents\Andromeda v2.06\Plugins / Site distant : Panel

Nom de fichier	Taille de f.	Type de fichier	Dernière modificat...
1.pack	6 864	Fichier PACK	27-08-2012 21:31:32
2.pack	3 321	Fichier PACK	28-07-2012 18:28:37
4.pack	883	Fichier PACK	02-08-2012 20:27:28

Sélection de 3 fichiers. Taille totale : 11 068 octets

Modification des attributs du fichier

Sélectionner les nouveaux attributs pour le dossier "1.pack"

Permettre de lire
 Permettre d'écrire
 Permettre d'exécuter

Permettre de passer
 Permettre d'exécuter

Permettre d'appliquer
 Permettre d'exécuter

Appliquer à toutes les files et dossiers
 Appliquer uniquement aux fichiers
 Appliquer uniquement aux dossiers

5:36 / 12:49

Control Panel details

[TUTO] Andromeda Botnet Configuration

Andromeda v2.06

Connexion rapide

Rôle : Identifié : Mot de passe : Port :

Statut : 28 Transfert complet
 Contenu du dossier affiché avec succès
 Réponse : 421 file transfer timeout (30 seconds); doing control connection
 Erreur : Connexion interrompue par le serveur
 Réponse : 421 file transfer timeout (30 seconds); doing control connection
 Erreur : Connexion interrompue par le serveur

FTP Root : Site local : C:\Users\Alex\Documents\Andromeda v2.06\Plugins Site distant : Panel

Andromeda v2.06

Nom de fichier	Taille de fi...	Type de fichier	Dernière modificat...
1.pack	6 864	Fichier PACK	27-08-2012 21:31:32
2.pack	3 311	Fichier PACK	28-07-2012 16:29:37
4.pack	883	Fichier PACK	08-08-2012 20:27:28

Nom de fi...	Taille de fi...	Type de fi...	Dernière modif...	Droits d'ac...
lg_logs			Dossier de... 18-07-2012 18...	Réception R...
plugins			Dossier de... 18-07-2012 18...	Réception R...
back.css	130 634	Document...	18-07-2012 18...	autres (0/44)

Sélection de 3 fichiers. Taille totale : 11 068 octets

Serveur / Fichiers local Dossier Fichiers distant Taille

Context menu:

- Télécharger
- Ajouter les fichiers à la file d'attente
- Afficher : Liste
- Créer un dossier
- Créer un nouveau fichier
- Actualiser
- Supprimer
- Renommer
- Copier (ret) adresse(s) dans le presse-papier

[TUTO] Andromeda Botnet Configuration

Andromeda v2.06

rôle : Identifiant : Mot de passe : Port :

Adresse : 228 Transfer complete
 Statut : Contenu du dossier affiché avec succès
 Réponse : 921 file transfer finished (20 seconds) during control connection
 Erreur : Connexion interrompue par le serveur
 Réponse : 921 file transfer finished (20 seconds) during control connection
 Erreur : Connexion interrompue par le serveur

C:\Users\Kocik\Documents\Andromeda v2.06\Plugins

Nom de fichier	Taille de fi...	Type de fichier	Dernière modif...
1-pack	6 084	Fichier PACK	27.08.2012 21:51:32
2-pack	3 311	Fichier PACK	30.07.2012 16:20:27
4-pack	883	Fichier PACK	03.08.2012 23:27:26

Sélection de 3 fichiers. Taille totale : 11 000 octets

Serveur / Fichier local Direction Fichier distant Taille Priorité Group

Modification des attributs du fichier

Sélectionnez les permissions attribuées pour le fichier "config.txt"

Permissions de propriétaire

Lire Écrire Exécuter

Permissions de groupe

Lire Écrire Exécuter

Permissions publiques

Lire Écrire Exécuter

Valeur numérique :

Vous pouvez appliquer ces valeurs à l'élément si vous souhaitez conserver les permissions relatives des fichiers.

[TUTO] Andromeda Botnet Configuration

Host: _____ Identifiant: _____ Mot de passe: _____ Port: _____

Statut: 200 Transfer conclues
 Contenu du dossier affiché avec succès
 Réponse: 623 Mo transferé (60 seconds) during control connection
 Erreur: Connexion interrompue par le serveur
 Réponse: 421 Mo transferé (30 seconds) during control connection
 Erreur: Connexion interrompue par le serveur

Site local: C:\Users\Ka\Documents\Andromeda v2.06\Plugins Site distant: /Panel

Andromeda v2.06

- Anti-virus
- Panel
- Plugins

Panel

Nom de fichier	Taille de f.	Type de fichier	Dernière modificat...
1.pack	6 864	Fichier PACK	27/08/2012 21:51:12
2.pack	3 311	Fichier PACK	31/07/2012 16:08:27
3.pack	893	Fichier PACK	05/08/2012 13:07:26

Sélection de 3 fichiers. Taille totale: 11 068 octets

Permissions de propriétaire

Lire Écrire Exécuter

Permissions de groupe

Lire Écrire Exécuter

Permissions publiques

Lire Écrire Exécuter

Valeur numérique: 777

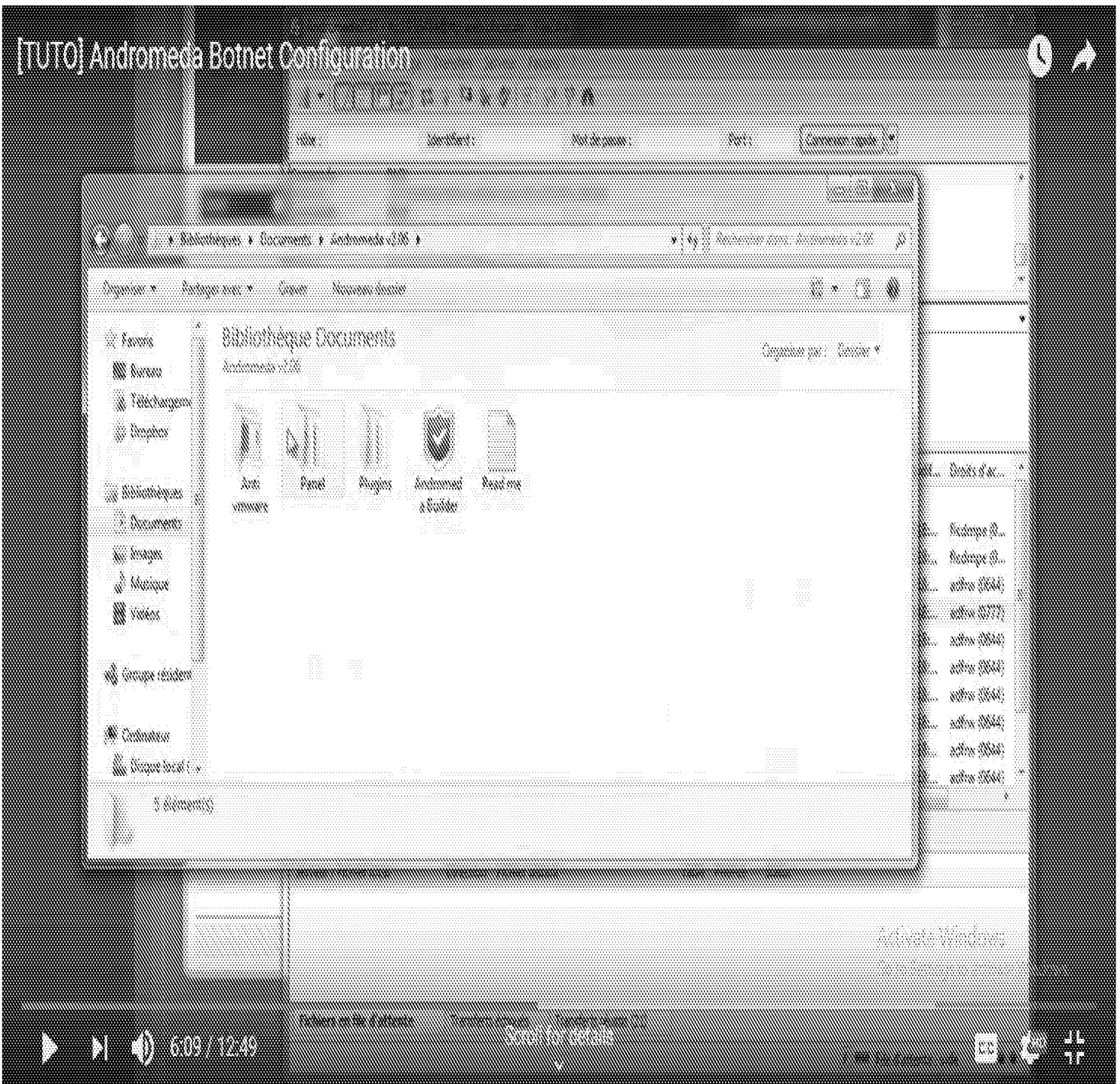
Vous pouvez appliquer un x sous réserve que vous n'avez pas conservé les permissions initiales des fichiers.

Serveur / Fichier local Direction Fichier distant Taille Poste État

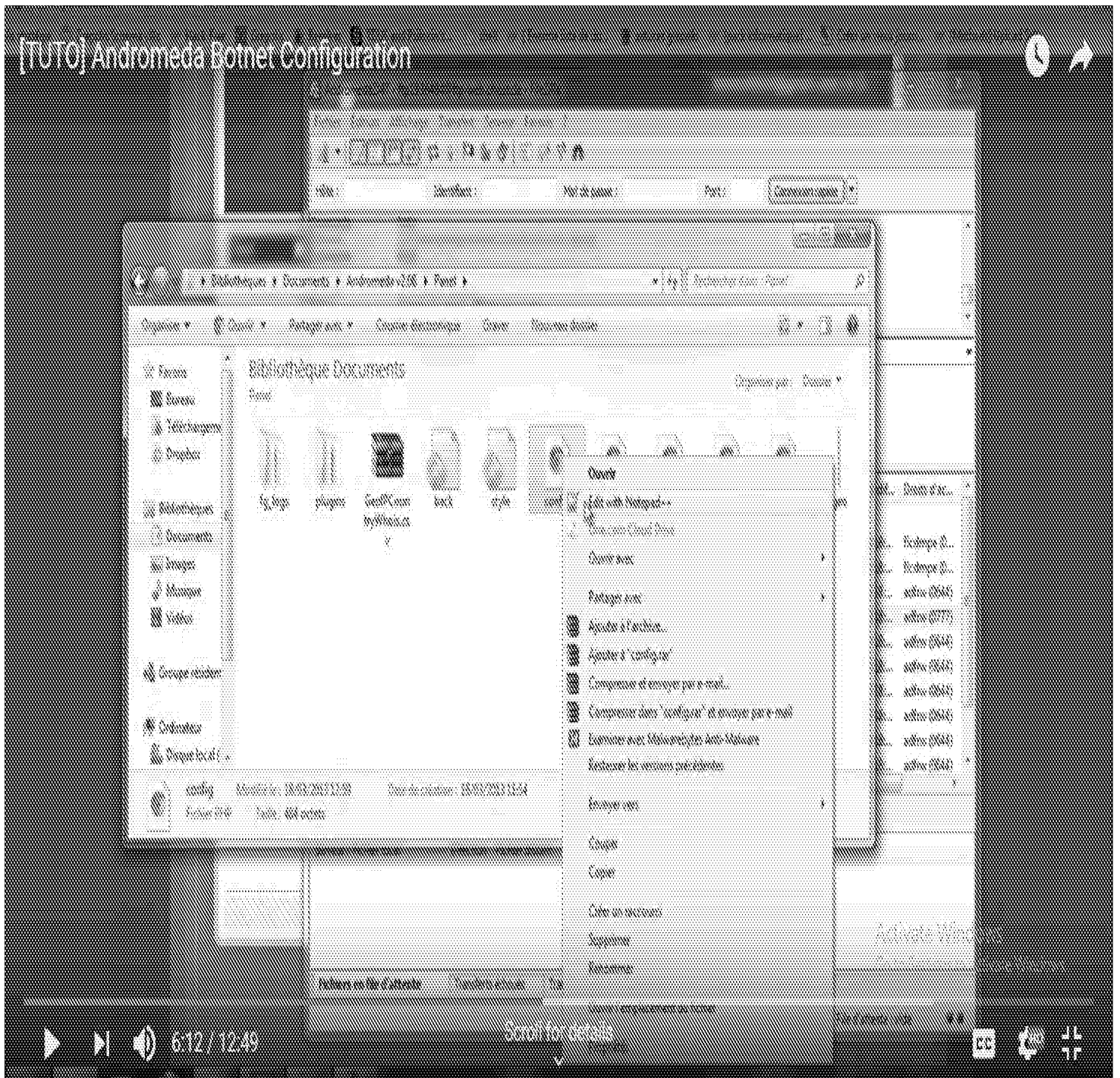
[TUTO] Andromeda Botnet Configuration



[TUTO] Andromeda Botnet Configuration



[TUTO] Andromeda Botnet Configuration



(TUTU) Andromeda Botnet Configuration

[TUTO] Andromeda Botnet Configuration

Start | Video | Homepage | Press Esc to exit full screen | Logout

- FTP Rooten
- MySQL Datenbanken
- Entfernen
- Webseitenverwaltung
- Domains
- Backup
- Benutzerverwaltung
- Abmelden

MySQL Datenbanken

Datenbankname	Benutzername	Passwort	Status
mysql1135214	mysql1135214	xxxx	Aktiv

Sie haben 1 von 1 MySQL Datenbanken belegt.

Link zur Datenbankverwaltung: [phpmyadmin](#)

Ihre Daten zum MySQL-Zugang:

Serveradresse (Host):

Datenbankname (DB-Name): entspricht Datenbankname

Benutzername (User): entspricht Benutzername

Passwort (Password): entspricht gewähltem Passwort

Andromeda Botnet
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6:26 / 12:49

Scroll for details



[TUTO] Andromeda Botnet Configuration

- Start
- Index
- Homepage
- Forum
- User Center
- Logout

- FTP Konten
- MySQL Datenbanken
- Indexverwaltung
- Webserververwaltung
- Domains
- Backup
- Benutzerverwaltung
- Abmelden

MySQL Datenbanken

Datenbankname	Benutzername	Passwort	Status
mysql135214	mysql135214	****	Aktiv

Sie haben 1 von 1 MySQL Datenbanken belegt

Link zur Datenbanksverwaltung: [\(phpmyadmin\)](#)

Ihre Daten zum MySQL-Zugang:

Serveradresse (Host):	andromedastat.in.thunder.de
Datenbankname (DB-Name):	entspricht Datenbankname
Benutzername (User):	entspricht Benutzername
Passwort (Password):	entspricht gewähltem Passwort

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TUTO] Andromeda Botnet Configuration

```
1 <!-- don't edit this file, just open http://yourdomain.com/accvinstall
2 $settings=array();
3 $settings['mysql_host']="andromedax.en.chasragi.de";
4 $settings['mysql_user']="";
5 $settings['mysql_pass']="";
6 $settings['mysql_db']="";
7 $settings['login']="a262d2f20d0ad01189d1cc10f9e0d9";
8 $settings['apikey']="ad16d37168876749ad4802158eadc";
9 $settings['response']="";
10 $settings['dead_limit']="";
11 $settings['accept_new_installs']="";
12 >
```

Remote Desktop
6:43:49 PM 12/28/2011

PHP MyAdmin: Privileged | 192.168.1.100 | 12/28/2011 6:43:49 PM | [Home] [Logout] [Refresh] [Close]

6:43 / 12:49 | Scroll for details | [System Tray Icons]



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HOSTING

400x53230@gmail.com | 6

- Start
- Forum
- Accounting
- Forum
- User Center
- Logout

- FTP Konten
- MySQL Instenbanken
- Foloverwaltung
- Webserververwaltung
- Domains
- Backup
- Remoteforwarding
- Abmelden

Usercenter

Main Homepage

Web Website	Webhooking Explorer	Webhooking FTP	Webhooking MySQL
Services	Backup	Access Generator	One-Click installer
Email Konten	Domains	Categories	



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WINTER 2005 DEIN WIRTSCHAFTS
BEWUSSTSEIN
MIT WIRTSCHAFTS
WISSEN

- Start
- Fotos
- Homepage
- Foren
- UserCenter
- Logout

FTP-Konten

MySQL-Datenbanken

Forenverzeichnis

Webhosting-Anbieter

Meine Homepage

One-Click-Installer



Kategorien

Webhosting-Exploiter

Mein Webspacer

andromedazitat

Direkte URL: <http://andromedazitat.ohost.de>

Teilen:  

PHP Version

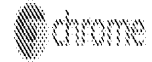
PHP Version

Active Windows

[TUTU] Andromeda Botnet Configuration

Depois de ce... | Depois de Schema... | Hack-Free | Depois | Depois | TDS and Pol... | [Exams late de... | artigos gep... | pack informatiq... | Clear un... |

Accès à la page Web refusé



Vous n'êtes pas autorisé à accéder à la page Web <http://andromedazlat.ohost.de/>. Votre connexion peut être requise.

Erreur HTTP 403 (Forbidden) : Le serveur a refusé d'exécuter la demande.

7:26 / 12:49

Scroll for details



[TUTU] Andromeda Botnet Configuration

andromedazlat.chost.de/Panels/index.php?act=install - Recherche Google

Accès à la page Web refusé



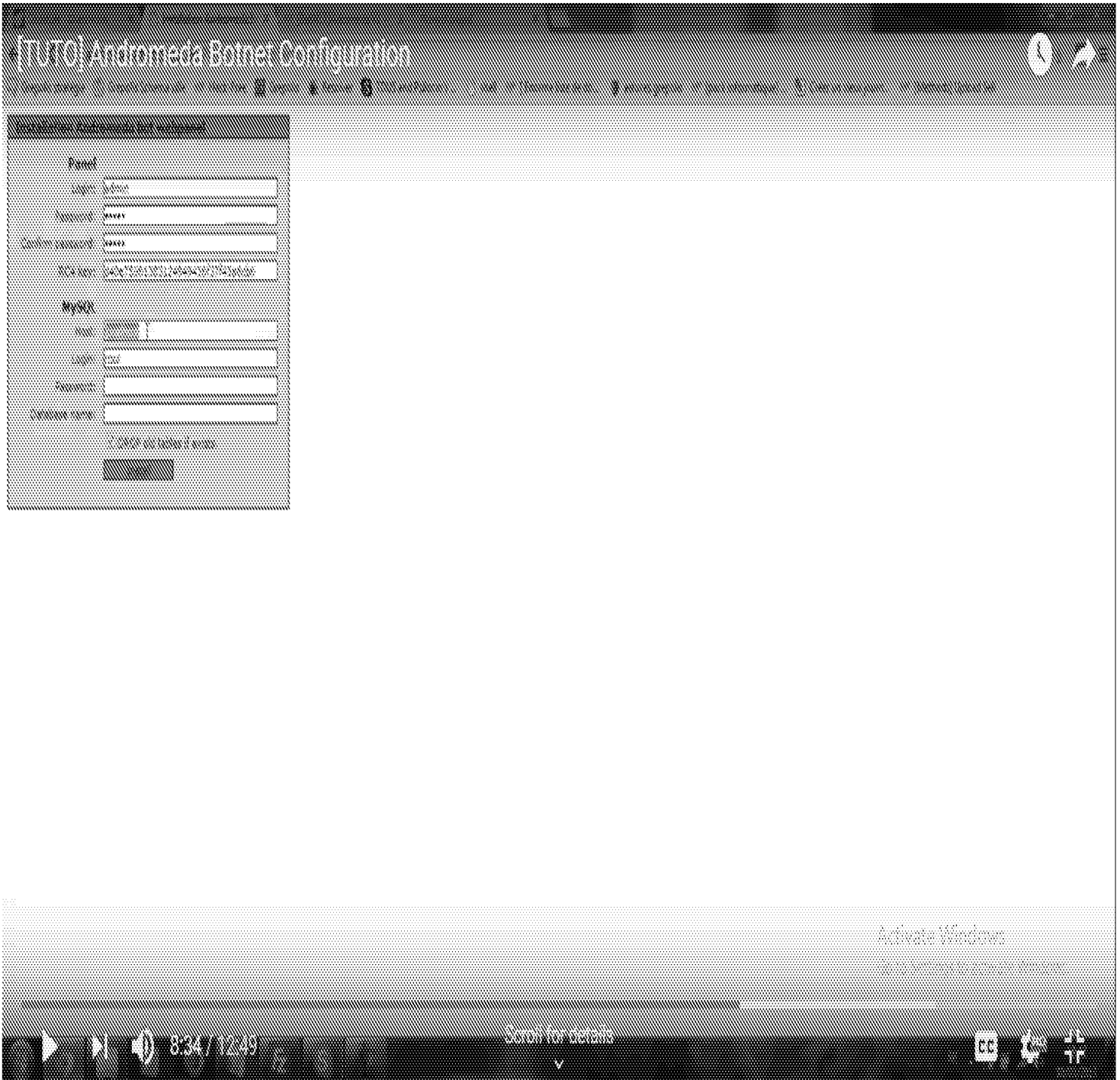
Vous n'êtes pas autorisé à accéder à la page Web <http://andromedazlat.chost.de/>. Votre connexion peut être requise.

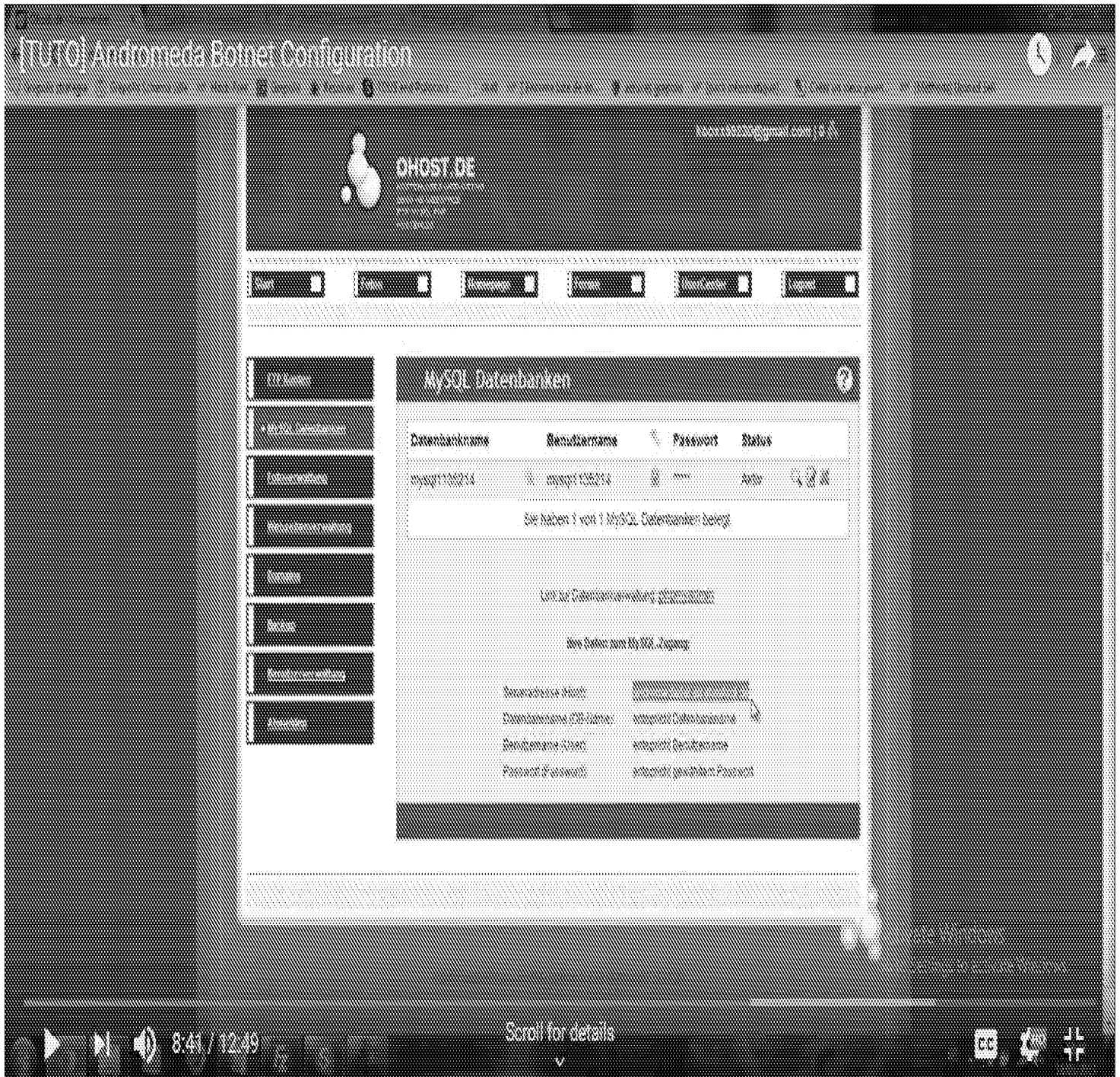
Erreur (HTTP 403 (Forbidden)) : Le serveur a refusé d'exécuter la demande.

7:57 / 12:49

Scroll for details









OHOST DE
www.ostaggrat.com (0/0)

Control Panel: [Control](#) [Users](#) [Services](#) [Tools](#) [Hosts](#) [Logs](#)

- MySQL
- MySQL Databases
- MySQL Users
- MySQL Servers
- MySQL Settings
- MySQL Tools
- MySQL Status
- MySQL Backup
- MySQL Restore
- MySQL Help

MySQL Datenbanken

Datenbankname	Benutzername	Passwort	Status
mysql	mysql	mysql	Active

Sie haben 1 von 1 MySQL Datenbanken belegt

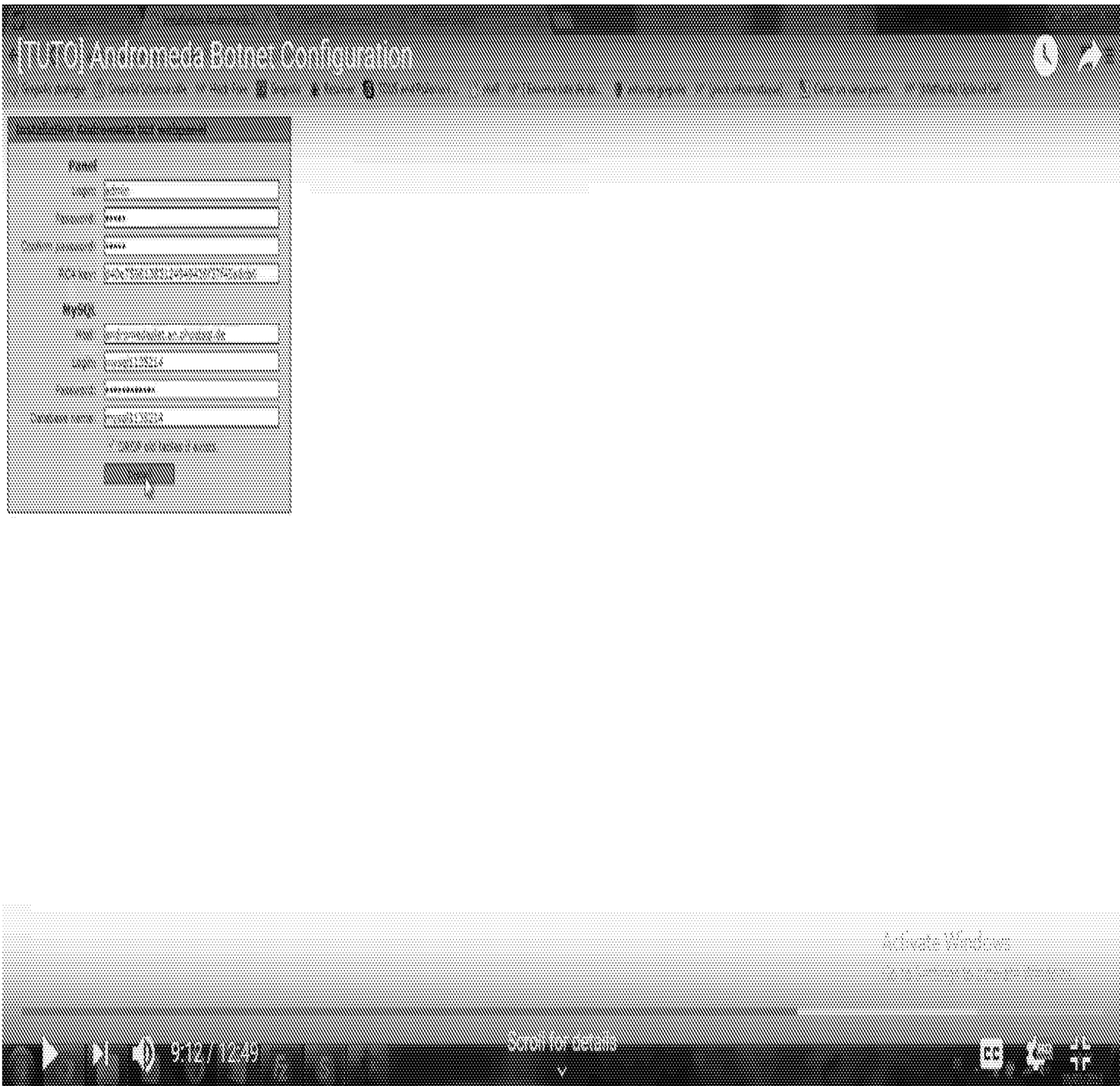
Link zur Datenbankenverwaltung: [MySQL-Datenbanken](#)

Wie Daten zum MySQL-Zugang:

Benutzername (User):	andromeda@ostaggrat.com
Datenbankname (DB-Name):	andromeda@ostaggrat.com
Benutzername (User):	andromeda@ostaggrat.com
Passwort (Password):	andromeda@ostaggrat.com

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8:52 / 12:49 Scroll for details



[TUTO] Andromeda Botnet Configuration

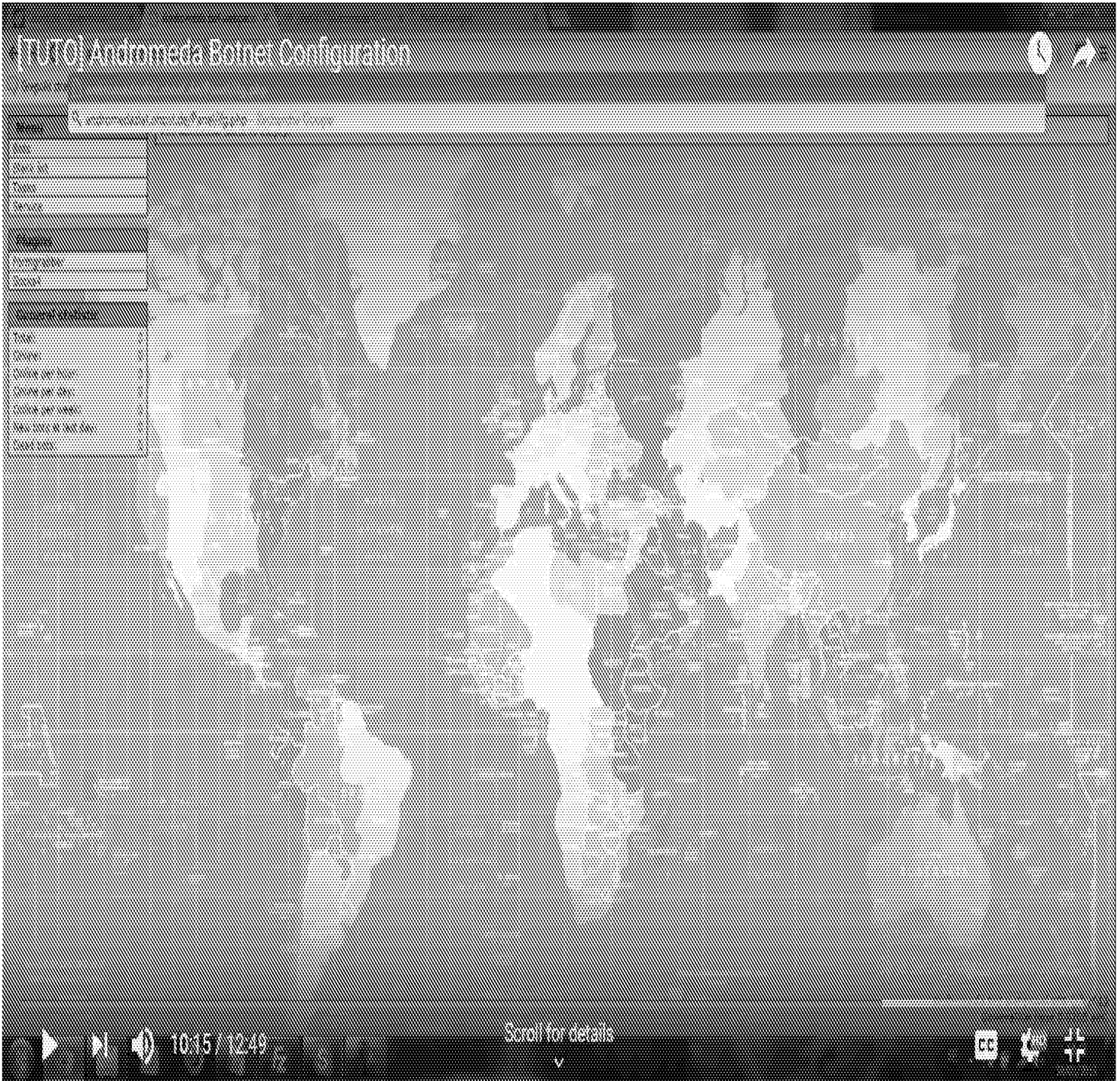
Home / About / Contact / Privacy Policy / Terms of Service / License / Sitemap / RSS / Facebook / Twitter / YouTube / Instagram / LinkedIn / GitHub

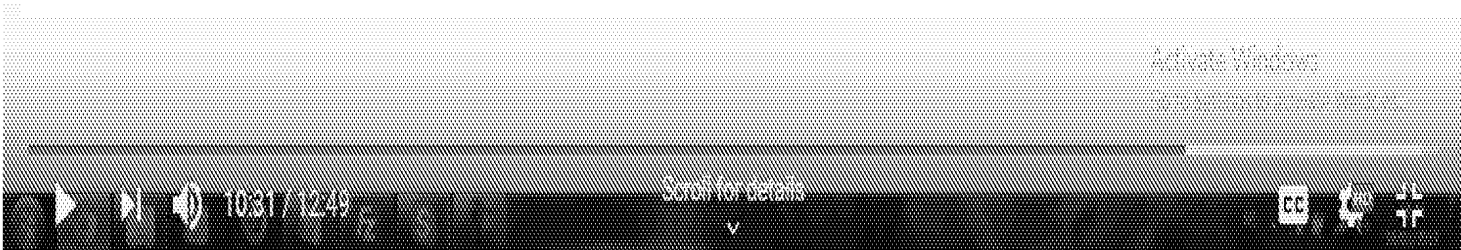
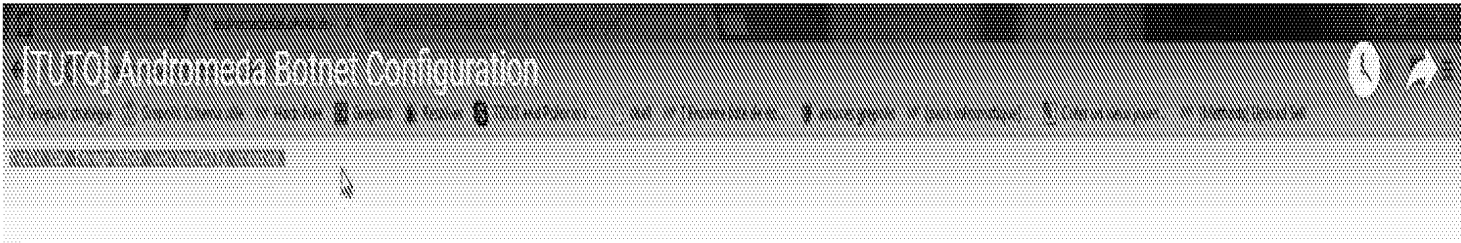
Download the source code on GitHub | Contact us on Telegram | Buy me a coffee | Buy me a drink | Buy me a beer

```
connecting to mysql...
selecting database 'andromeda'...
creating tables...
inserting config...
inserting users to database...
done, starting...
done! 58 sec. elapsed. go to panel
```

Activate Windows

9:32 / 12:49 | Search for details | [Taskbar icons: volume, network, battery, task view, search, start menu]





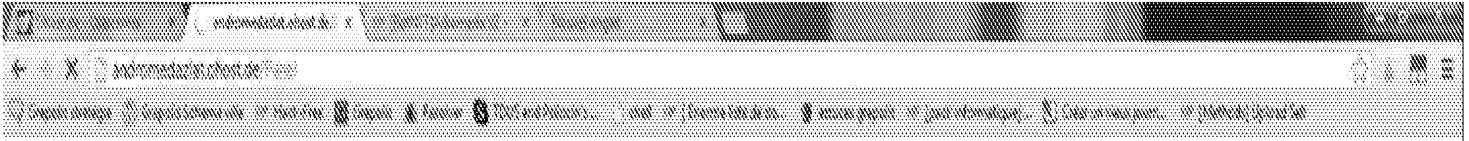


Table for program successfully created.

4/20

Authentication error

Username: admin

Password: admin

Remember me:

Activate Windows
Go to Settings to activate Windows.



[TUTO] Andromeda Botnet Configuration

Commande : NC32
 Réponse : 230 Opening ASCII mode data connection for NC32
 Réponse : 230 Transfer complete
 Statut : Contenu du dossier affiché avec succès
 Réponse : 411 No transfer listed (0 seconds) during control connection
 Erreur : Connexion interrompue par le serveur

Site local : C:\Users\joche\Documents\Andromeda v2.0\Plugins
 Site distant : /Panel

Nom de fichier	Taille de fi...	Type de fichier	Dernière modif...	Nom de fic...	Taille de fi...	Type de fic...	Dernière modif...	Droits d'ac...
-				-				
c.pack	6 864	Fichier PACK	27/08/2012 21:31:12	fg_logs		Dossier de ...	18/03/2013 18...	rdcmpr (f...
r.pack	3 311	Fichier PACK	31/07/2012 16:39:27	plugins		Dossier de ...	18/03/2013 18...	rdcmpr (f...
s.pack	803	Fichier PACK	01/08/2012 23:27:26	back.css	130 654	Document ...	18/03/2013 18...	adfrw (6644)
				config.p...	473	Fichier PHP	18/03/2013 18...	adfrw (6777)
				fg.php	1 874	Fichiers PHP	18/03/2013 18...	adfrw (6644)
				geo.gif	32 971	Image GIF	18/03/2013 18...	adfrw (6644)
				img				adfrw (6644)
				img				adfrw (6644)

Sélection de 2 fichiers. Taille totale : 11 088 octets

Serveur / Fichier local	Direction	Fichier distant	Tail

Fichiers en file d'attente : Transferts en cours : Transferts réussis (21)

- Télécharger
- Ajouter les fichiers à la file d'attente
- Afficher / Éditer
- Créer un dossier
- Créer un nouveau fichier
- Actualiser
- Copier / (les) adresse(s) dans le presse-papier
- Droits d'accès au fichier...

[TUTO] Andromeda Botnet Configuration

Andromeda v2.06

Statut : Connexion à 213.202.235.203.21...

Site local : C:\Serv\PaCet\Documents\Andromeda v2.06\Plugins\ Panel

Site distant : Panel

Andromeda v2.06

Anti-urware

Confirmation requise

Voulez-vous vraiment supprimer 2 fichiers du serveur ?

Oui Non

Nom de fichier	taille de fi...	Type de fic...	Dernière modif...	Droits d'ac...
Dossier de ...	18 493	2013 18...	fic/dmpe (0...	
Dossier de ...	18 493	2013 18...	fic/dmpe (1...	
193 654	Document ...	18 493	2013 18...	adfrw (8644)
473	Fichiers PHP	18 493	2013 18...	adfrw (777)
1 814	Fichiers PHP	18 493	2013 18...	adfrw (8644)
32 971	Image GIF	18 493	2013 18...	adfrw (8644)
3 077	Fichiers PHP	18 493	2013 18...	adfrw (8644)
15 929	Fichiers PHP	18 493	2013 18...	adfrw (8644)

Sélection de 3 fichiers. Taille totale : 11 868 octets

Sélection de 2 fichiers. Taille totale : 2 133 629 octets

Serveur / Fichier local	Direction	Fichier distant	Taille	Priorité	Statut
-------------------------	-----------	-----------------	--------	----------	--------

Fichiers en file d'attente Transferts échoués Transferts réussis (21)

[TUTO] Andromeda Botnet Configuration

Commande : CMD Panel
 Réponse : 255 OK.E command successful
 Commande : DEL.E geoIPCountry.dat.zip.gz
 Réponse : 255 OK.E command successful
 Commande : DEL.E fg.php
 Réponse : 255 OK.E command successful

Site local : C:\Users\foox\Documents\Andromeda v3.06\Plugins | Site distant : Panel

Andromeda v2.06

- Anti updates
- Panel
- Plugins

/

- Panel
- fg_logs
- plugins

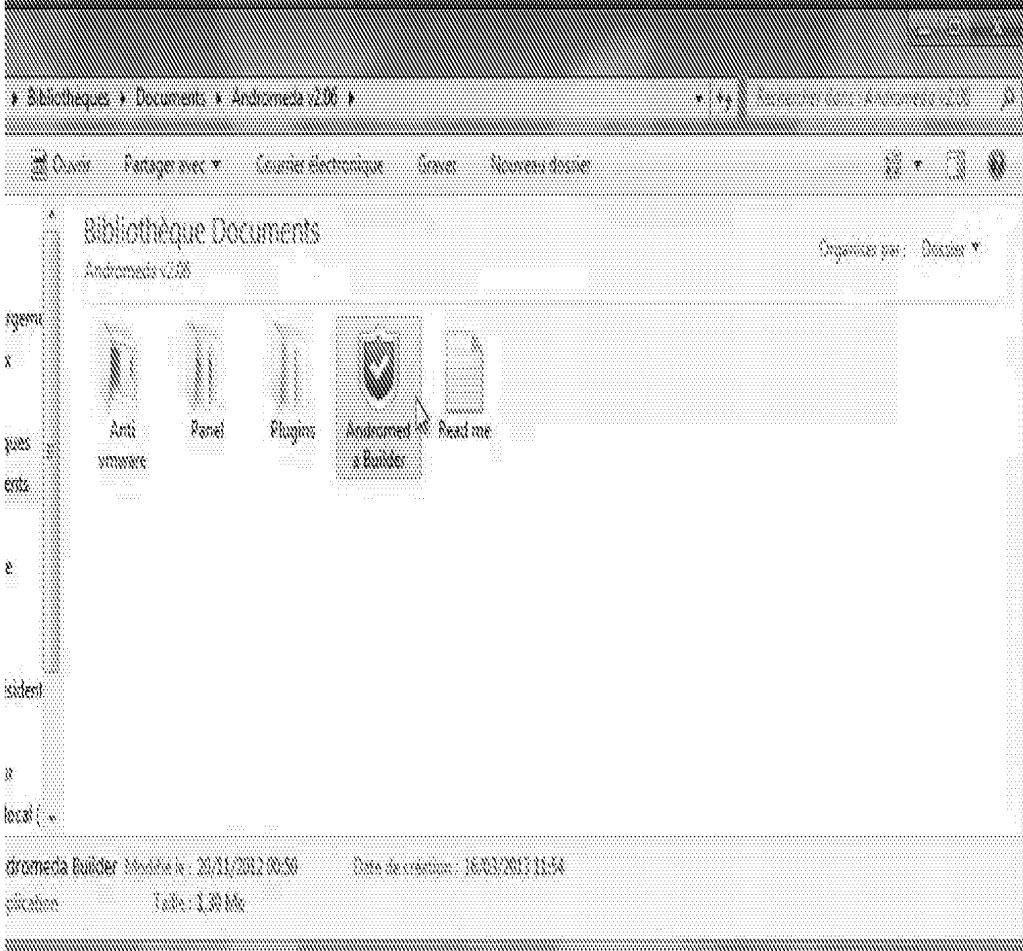
Nom de fichier	Taille de fi...	Type de fichier	Dernière modifia...	Nom de fic...	Taille de fi...	Type de fic...	Dernière modif...	Droits d'ac...	Pr...
.				.					
l.pack	6 064	Fichier PACK	27/08/2012 21:51:12	fg_logs		Dossier de ...	18/03/2013 18...	ficdrpge (0...	00
r.pack	3 311	Fichier PACK	31/07/2012 16:19:27	plugins		Dossier de ...	18/03/2013 18...	ficdrpge (0...	00
s.pack	283	Fichier PACK	01/08/2012 23:27:26	lock.css	7 390 (634)	Document ...	18/03/2013 18...	adfrw (0644)	00
				config.p...	473	Fichier PHP	18/03/2013 18...	adfrw (0777)	00
				fg.php	1 824	Fichier PHP	18/03/2013 18...	adfrw (0644)	00
				geo.gif	32 971	Image GIF	18/03/2013 18...	adfrw (0644)	00
				image.p...	3 077	Fichier PHP	18/03/2013 18...	adfrw (0644)	00
				index.php	15 829	Fichier PHP	18/03/2013 18...	adfrw (0644)	00
				style.css	15 153	Document ...	18/03/2013 18...	adfrw (0644)	00

Sélection de 3 fichiers. Taille totale : 13 068 octets | 7 fichiers et 2 dossiers. Taille totale : 260 081 octets

Serveur / Fichier local	Direction	Fichier distant	Taille	Priorité	Status

Fichiers en file d'attente | Transferts échoués | Transferts réussis (2)

[TUTO] Andromeda Botnet Configuration



11:32 / 12:49

Scroll for details

[TUTO] Andromeda Botnet Configuration

Andromeda Builder
By The Old Master

URL:

PORT:

Andromeda Builder Application - 20/11/2012 00:30
Date de création: 15-03-2013 11:54
Taille: 1,39 Mo

11:40 / 12:49

Scroll for details

[TUTO] Andromeda Botnet Configuration



Andromeda Builder
By The Old Man

URL: <http://andromedabotnet.en.ckon.de/Panels/mage.pl>

IP:

Build Bot:

▶ ⏪ 🔊 12:01 / 12:49

Scroll for details
▼



[TUTO] Andromeda Botnet Configuration



12:12 / 12:49

Scroll for details

[TUTO] Andromeda Botnet Configuration

Field
Name
Client ID
IP
Port

Property
Control server
Control

General settings
Type
Control
Control port
Control port
Control port
Control port
Start time at last day
Check time



12:13 / 12:49 Scroll for details [System icons]

Electronic Patent Application Fee Transmittal

Application Number:	15957945			
Filing Date:	20-Apr-2018			
Title of Invention:	SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION			
First Named Inventor/Applicant Name:	Derry Shribman			
Filer:	Yehuda Binder/Dorit Binder			
Attorney Docket Number:	HOLA-005-US4			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
SUBMISSION- INFORMATION DISCLOSURE STMT	2806	1	120	120
Total in USD (\$)				120

Electronic Acknowledgement Receipt

EFS ID:	34908242
Application Number:	15957945
International Application Number:	
Confirmation Number:	7917
Title of Invention:	SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION
First Named Inventor/Applicant Name:	Derry Shribman
Customer Number:	131926
Filer:	Yehuda Binder/Dorit Binder
Filer Authorized By:	Yehuda Binder
Attorney Docket Number:	HOLA-005-US4
Receipt Date:	20-JAN-2019
Filing Date:	20-APR-2018
Time Stamp:	05:55:13
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$120
RAM confirmation Number	012219INTEFSW00008181601835
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	005-US4.pdf	1036999	no	8
			b6b613914dbc750eb2d20d38ff1581a3329c5cd3		
Warnings:					
Information:					
2	Foreign Reference	003-EP2597869.pdf	1757362	no	108
			bbae880eccd09ee126fac0e65a91dd1458ac259b0f		
Warnings:					
Information:					
3	Other Reference-Patent/App/Search documents	003-EP-SR.pdf	152626	no	5
			265f416bd3f19016a8223e304f0b3c81e829f71a		
Warnings:					
Information:					
4	Non Patent Literature	003-On-the-Leakage.pdf	625900	no	6
			09120e566b90c2903ee3b9065860607d9c95f687		
Warnings:					
Information:					
5	Non Patent Literature	003-rfc2616.pdf	429841	no	114
			a0382dc37ee717f61c9e697a72f40b187716568a		
Warnings:					
Information:					
6	Non Patent Literature	003-slice-embedding.pdf	1229806	no	16
			de5af5f121a7054354176d3921ca6c2564999841		
Warnings:					
Information:					

7	Foreign Reference	003-WO2010090562.pdf	1039023	no	33
			ae42bd28643d17a379580c0dd6da7180418d3c08		
Warnings:					
Information:					
8	Foreign Reference	003-WO2011068784.pdf	2209776	no	45
			5e265193718530b6ab0bc3d1b2b10e66931c151b		
Warnings:					
Information:					
9	Other Reference-Patent/App/Search documents	004-WO2010135096-ISR.pdf	101996	no	2
			85f4357051a8e83e7e713aeada2225f59c32edb4		
Warnings:					
Information:					
10	Non Patent Literature	OL-VIP72-Proxy-Service.pdf	3913217	no	38
			a12ef07d2b5f3dc1e9aae73fd3c86698086bfa		
Warnings:					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing					
Information:					
11	Non Patent Literature	OL-Spyeye.pdf	1619534	no	13
			69b83e9f6762fd09110b140f5ebdb7da873ea84c		
Warnings:					
Information:					
12	Non Patent Literature	OL-freedman-coral.pdf	391186	no	14
			0dc1204b43875857966a4b4a0ea5de7e9de0ea72		
Warnings:					
Information:					
13	Non Patent Literature	OL-Easy-Hide-IP.pdf	1248713	no	9
			b3f060dc49c05eea5a13db85431acd4fd6b7ceee		
Warnings:					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the					

Image File Wrapper and may affect subsequent processing					
Information:					
14	Non Patent Literature	OL-Andromeda.pdf	6040279	no	47
			b3fb8b3e199f7eca9afeba856c1c3d2942c7549f		
Warnings:					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing					
Information:					
15	Fee Worksheet (SB06)	fee-info.pdf	30398	no	2
			5e9fef9b94cdf2339e6f48752324024450947bf		
Warnings:					
Information:					
Total Files Size (in bytes):				21826656	
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
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NOTICE OF ALLOWANCE AND FEE(S) DUE

131926 7590 01/23/2019
May Patents Ltd. c/o Dorit Shem-Tov
P.O.B 7230
Ramat-Gan, 5217102
ISRAEL

EXAMINER
NGUYEN, MINH CHAU

ART UNIT PAPER NUMBER
2459

DATE MAILED: 01/23/2019

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Values: 15/957,945, 04/20/2018, Derry Shribman, HOLA-005-US4, 7917

TITLE OF INVENTION: SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE. Values: nonprovisional, SMALL, \$500, \$0.00, \$0.00, \$500, 04/23/2019

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

131926 7590 01/23/2019
 May Patents Ltd. c/o Dorit Shem-Tov
 P.O.B 7230
 Ramat-Gan, 5217102
 ISRAEL

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

_____ (Typed or printed name)
_____ (Signature)
_____ (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/957,945	04/20/2018	Derry Shribman	HOLA-005-US4	7917

TITLE OF INVENTION: SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$500	\$0.00	\$0.00	\$500	04/23/2019

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, MINH CHAU	2459	709-202000

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. Use of a Customer Number is required.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) The names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____</p> <p>(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____</p> <p>3 _____</p>
---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. Fees submitted: Issue Fee Publication Fee (if required) Advance Order - # of Copies _____

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

Electronic Payment via EFS-Web Enclosed check Non-electronic payment by credit card (Attach form PTO-2038)

The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. Change in Entity Status (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



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UNITED STATES DEPARTMENT OF COMMERCE
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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Row 1: 15/957,945, 04/20/2018, Derry Shribman, HOLA-005-US4, 7917
Row 2: 131926, 7590, 01/23/2019, (Empty), (Empty)
Row 3: May Patents Ltd. c/o Dorit Shem-Tov, (Empty), (Empty), (Empty), (Empty)
Row 4: P.O.B 7230, (Empty), (Empty), (Empty), (Empty)
Row 5: Ramat-Gan, 5217102, (Empty), (Empty), (Empty)
Row 6: ISRAEL, (Empty), (Empty), (Empty), (Empty)
Row 7: (Empty), (Empty), (Empty), EXAMINER, (Empty)
Row 8: (Empty), (Empty), (Empty), NGUYEN, MINH CHAU, (Empty)
Row 9: (Empty), (Empty), (Empty), ART UNIT, PAPER NUMBER
Row 10: (Empty), (Empty), (Empty), 2459, (Empty)

DATE MAILED: 01/23/2019

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 15/957,945	Applicant(s) Shribman et al.	
	Examiner MINH CHAU N NGUYEN	Art Unit 2459	AIA Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to Amendment, filed 10/18/2018.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. The allowed claim(s) is/are 1-29. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
Certified copies:
 - a) All b) Some *c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>10/18/2018;01/20/2019</u> . | 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material _____. | 7. <input type="checkbox"/> Other _____. |
| 4. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. | |

/MINH CHAU NGUYEN/
Primary Examiner, Art Unit 2459

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

Remarks

Applicant's amendment dated October 18, 2018 responding to September 5, 2018 Office Action provided in the rejection of claims 1-29. **Claims 1-29** remain pending in the application and which have been fully considered by the Examiner.

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

22 (currently amended). The method according to claim ~~22~~ 21, wherein the determining is based on the received HTTP header according to, or based on, IETF RFC 2616.

Reasons for Allowance

The following is an examiner's statement of reasons for allowance:

Claims 1-29 are considered allowable since when reading the claims in light of the specification, as per MPEP §2111.01 or *Toro Co. v. White Consolidated Industries Inc.*, 199 F.3d 1295, 1301,53 USPQ2d 1065, 1069 (Fed. Cir. 1999), none of the references of record alone

or in combination disclose or suggest the combination of limitations specified in **independent claim 1**.

For example, the independent claims contain limitations, *receiving, from the second server, the first content identifier; sending to the first server, which stores a first content identified by a first content identifier, over the Internet, a HTTP request that comprises the first content identifier; receiving, the first content from the first server over the Internet in response to the sending of the first content identifier; and sending, the first content by the first client device to the second server, in response to the receiving of the first content identifier*. Therefore, the Examiner agrees that the limitations of the independent claims, within its environment, is allowable subject matter over the prior art, in light of the specification and in view of the Applicant's arguments.

Because **claims 2-29** depend directly or indirectly on claim 1, these claims are considered allowable for at least the same reasons noted above with respect to **claim 1**.

To the extent that these features are not found in the prior art cited by Examiner, the present case is held allowable over the art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Correspondence Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MINH CHAU N NGUYEN whose telephone number is (571)272-4242. The examiner can normally be reached on M-F 8am-4pm.


Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JEFFREY NICKERSON can be reached on (571)270-3631. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MINH CHAU NGUYEN/


Primary Examiner, Art Unit 2459

Issue Classification 	Application/Control No. 15/957,945	Applicant(s)/Patent Under Reexamination Shribman et al.
	Examiner MINH CHAU N NGUYEN	Art Unit 2459

CPC						
Symbol					Type	Version
H04L	/	67	/	42	F	2013-01-01
H04L	/	41	/	046	I	2013-01-01
H04L	/	67	/	22	I	2013-01-01
H04L	/	67	/	1063	I	2013-01-01
H04L	/	67	/	2814	I	2013-01-01
H04L	/	67	/	2819	I	2013-01-01
H04L	/	67	/	1002	I	2013-01-01
H04L	/	67	/	1023	I	2013-01-01
H04L	/	67	/	108	I	2013-01-01
H04L	/	67	/	02	A	2013-01-01

CPC Combination Sets				
Symbol	Type	Set	Ranking	Version
/	/			

NONE	Total Claims Allowed:	
(Assistant Examiner)	(Date)	29
/MINH CHAU NGUYEN/ Primary Examiner, Art Unit 2459	22 January 2019	O.G. Print Claim(s)
(Primary Examiner)	(Date)	1
		O.G. Print Figure
		1


Issue Classification 	Application/Control No. 15/957,945	Applicant(s)/Patent Under Reexamination Shribman et al.
	Examiner MINH CHAU N NGUYEN	Art Unit 2459

INTERNATIONAL CLASSIFICATION			
CLAIMED			
H04L		29	06
H04L		29	08
H04L		12	24
NON-CLAIMED			

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				


NONE			Total Claims Allowed:	
(Assistant Examiner)	(Date)	29		
/MINH CHAU NGUYEN/ Primary Examiner, Art Unit 2459	22 January 2019	O.G. Print Claim(s)	O.G. Print Figure	
(Primary Examiner)	(Date)	1	1	

Issue Classification 	Application/Control No. 15/957,945	Applicant(s)/Patent Under Reexamination Shribman et al.
	Examiner MINH CHAU N NGUYEN	Art Unit 2459

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
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21	4	17	13	15	22										
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7	9	4	18	20	27										

NONE (Assistant Examiner) _____ (Date)	Total Claims Allowed: 29					
/MINH CHAU NGUYEN/ Primary Examiner, Art Unit 2459 (Primary Examiner) _____ (Date)	22 January 2019	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">O.G. Print Claim(s)</td> <td style="width: 50%;">O.G. Print Figure</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> </tr> </table>	O.G. Print Claim(s)	O.G. Print Figure	1	1
O.G. Print Claim(s)	O.G. Print Figure					
1	1					

<i>Index of Claims</i> 	Application/Control No. 15/957,945	Applicant(s)/Patent Under Reexamination Shribman et al.
	Examiner MINH CHAU N NGUYEN	Art Unit 2459


✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

CLAIMS									
<input type="checkbox"/> Claims renumbered in the same order as presented by applicant <input type="checkbox"/> CPA <input type="checkbox"/> T.D. <input type="checkbox"/> R.1.47									
CLAIM		DATE							
Final	Original	08/21/2018	01/22/2019						
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<i>Search Notes</i> 	Application/Control No. 15/957,945	Applicant(s)/Patent Under Reexamination Shribman et al.
	Examiner MINH CHAU N NGUYEN	Art Unit 2459

CPC - Searched*		
Symbol	Date	Examiner
H04L67/42	08/21/2018	MN
H04L41/046	08/21/2018	MN
H04L67/108	08/21/2018	MN
H04L67/22	08/21/2018	MN

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
709	202	08/21/2018	MN

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
Search on EAST	08/21/2018	MN
update search on EAST, google patents	01/22/2019	MN

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
USPAT, USPG-Pub text search	Independent claim search	01/22/2019	MN

/MINH CHAU NGUYEN/ Primary Examiner, Art Unit 2459	
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EAST Search History

EAST Search History (Prior Art)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15957945
	Filing Date	2018-04-20
	First Named Inventor	Derry Shribman
	Art Unit	2459
	Examiner Name	NGUYEN, MINH CHAU
	Attorney Docket Number	HOLA-005-US4

U.S. PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	
/M.N/ 	1	7788378		2010-08-31	Ravi T. Rao		
	2	9253164		2016-02-02	Christopher S. Gouge		
	3	7890547	B2	2011-02-15	Timo Hotti		
	4	8832179	B2	2014-09-09	Owen , et al.		
	5	7818430	B2	2010-10-19	Gal Zuckerman		
	6	6154782	A	2000-11-28	NAOHISA KAWAGUCHI		
	7	5577243	A	1996-17-11	Sherwood , et al.		
	8	8135912	B2	2012-13-03	Shribman , et al.		

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/M.N/ ↓	9	8719505	B2	2014-06-05	Shribman , et al.
	10	9201808	B2	2015-01-12	Shribman , et al.
	11	9990295	B2	2018-06-05	Shribman , et al.

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
/M.N/ ↓	1	20080109446	A1	2008-05-08	Matrix Xin Wang	
	2	20110066924	A1	2011-03-17	Gregory Dorso	
	3	20110128911	A1	2011-06-02	Kamel M. Shaheen	
	4	20130157699	A1	2013-06-20	Mohit Talwar	
	5	20130326607	A1	2013-12-05	Liang Feng	
	6	20030204602	A1	2003-30-10	Hudson, Michael D. ; et al.	

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Attorney Docket Number	HOLA-005-US4	

/M.N/	7	20120124173	A1	2012-17-05	De; Pradipta ; et al.
	8	20020069241	A1	2002-06-06	Narlikar, Girija ; et al.
	9	20130201316	A1	2013-08-08	BINDER; Yehuda ; et al.
	10	20120099566	A1	2012-26-04	Laine; Tuomas ; et al.
	11	20120254370	A1	2012-10-04	Utz BACHER
	12	20080125123	A1	2008-05-29	Jheroen P. Dorenbosch
	13	20140301334	A1	2014-10-09	Miguel Labranche
	14	20070239655	A1	2007-10-11	Masakuni Agetsuma
	15	20070226810	A1	2007-09-27	Timo Hotti
	16	20100094970	A1	2010-04-15	Gal Zuckerman
	17	20130007253	A1	2013-01-03	Guohuai Li

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Art Unit	2459
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Attorney Docket Number	HOLA-005-US4

/M.N/ ↓	18	20090037529	A1	2009-02-05	Gilad Armon-Kest
	19	20090182843	A1	2009-07-16	Michael G. Hluchyj
	20	20060036755	A1	2006-02-16	Ibrahim S. Abdullah
	21	20140376403	A1	2014-12-25	Wenqi Shao
	22	20050228964	A1	2005-13-10	Sechrest, Stuart ; et al.
	23	20080086730	A1	2008-10-04	Vertes; Marc
	24	20060259728	A1	2006-16-11	Chandrasekaran; Sashikanth ; et al.
	25	20040254907	A1	2004-16-12	Crow, Preston F. ; et al.
	26	20050015552	A1	2005-20-01	So, Kimming ; et al.
	27	20050022236	A1	2005-01-27	Akihiko Ito; et al.

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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ^{2j}	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
/M.N/	1	2597869	EP	A1	2013-18-12	Sharp Kk		
	2	2010090562	WO	A1	2010-12-08	Telefonaktiebolaget L M Ericsson (Publ)		
	3	2011068784	WO	A1	2011-09-06	Azuki Systems, Inc		

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
/M.N/	1	Screen captures from YouTube video clip entitle "nVpn.net Double your Safety and use Socks5 + nVpn" 38 pages, last accessed 11/20/2018 < https://www.youtube.com/watch?v=L0Hct2kSnn4 >	
	2	Screen captures from YouTube video clip entitle "Andromeda" 47 pages, publicly known and available as of at least 2011 < https://www.youtube.com/watch?v=yRRYpFLbKNU >	
	3	SpyEye, https://www.symantec.com/security-center/writeup/2010-020216-0135-9 ; http://securesql.info/riskyclouds/spyeye-user-manual ; known as of at least 2010 (13 pages)	
	4	Screen captures from YouTube video clip entitle "Change Your Country IP Address & Location with Easy Hide IP Software" 9 pages, publicly known and available as of at least 2011, < https://www.youtube.com/watch?v=ulwxf1sOfdA and https://www.youtube.com/watch?v=iFEMT-o9DTc >	
	5	CoralCDN ("CoralCDN"), https://pdos.csail.mit.edu/6.824/papers/freedman-coral.pdf (14 PAGES)	

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/M. N/	6	European Search Report for EP 14182547.1, dated July 30, 2015
	7	R. Fielding et al, RFC 2616: Hypertext Transfer Protocol -- HTTP/1.1, June 1999, retrieved from the Internet http://rfc-editor.org [retrieved Apr. 15, 2002]
	8	"On the leakage of personally identifiable information via online social networks", Wills et al. AT&T, Apr. 2009 http://www2.research.att.com/-bala/papers/wosn09.pdf
	9	"Slice Embedding Solutions for Distributed Service Architectures" - Esposito et al., Boston University, Computer Science Dept., 10/2011 http://www.cs.bu.edu/techreports/pdf/2011-025-slice-embedding.pdf
	10	International Search Report of PCT/US2010/034072 dated July 01, 2010
	11	YouTube video clip entitled "nVpn.net Double your Safety and use Socks5 + nVpn" < https://www.youtube.com/watch?v=L0Hct2kSnn4 >
	12	YouTube video clip entitled "Andromeda" < https://www.youtube.com/watch?v=yRRYpFLbKNU >
	13	YouTube video clip entitled "Change Your Country IP Address & Location with Easy Hide IP Software" < https://www.youtube.com/watch?v=ulwkf1sOfdA and https://www.youtube.com/watch?v=iFEMT-b9DTc >

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EXAMINER SIGNATURE

Examiner Signature	/MINH CHAU NGUYEN/	Date Considered	01/22/2019
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15957945
	Filing Date	2018-04-20
	First Named Inventor	Derry Shribman
	Art Unit	2459
	Examiner Name	NGUYEN, MINH CHAU
	Attorney Docket Number	HOLA-005-US4

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Yehuda Binder/	Date (YYYY-MM-DD)	2019-01-18
Name/Print	Yehuda Binder	Registration Number	73,612

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15957945
	Filing Date	2018-04-20
	First Named Inventor	Derry Shribman
	Art Unit	2459
	Examiner Name	NGUYEN, MINH CHAU
	Attorney Docket Number	HOLA-005-US4

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
/M.N/	1	6868453	B1	2005-03-15	Mitsuhiro Watanabe	
/M.N/	2	8595786	B2	2013-11-26	In Hwan Choi	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS						Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
/M.N/	1	20030097408	A1	2003-05-22	Masahiro Kageyama	
/M.N/	2	20070100839	A1	2007-05-03	Deok-ho Kim	
/M.N/	3	20080256175	A1	2008-10-16	Sang-kwon Lee	
/M.N/	4	20060212542	A1	2006-09-21	Han Fang	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15957945
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/M.N/	5	20110035503	A1	2011-02-10	SAM ZAID
/M.N/	6	20050097441	A1	2005-05-05	Jonathan D. Herbach

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FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button.

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		

If you wish to add additional non-patent literature document citation information please click the Add button.

EXAMINER SIGNATURE

Examiner Signature	/MINH CHAU NGUYEN/	Date Considered	01/22/2019
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15957945
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Signature	/Yehuda Binder/	Date (YYYY-MM-DD)	2018-10-18
Name/Print	Yehuda BINDER	Registration Number	73612

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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7652	((web near servers) with (transfer\$4 provid\$4 transmit\$4 send\$4 forward\$4) with (content\$1 file\$1 document\$1 page\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:31
S2	578	S1 and ((peer\$1 client\$1) with (send\$4 transmit\$4 forward\$4) with (address\$2 id\$1 identifier\$1 identification\$1) with server\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:48
S3	39	S2 and (server\$1 with (select\$4 list\$4 retriev\$4 inquir\$4 quer\$4) with peer\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:49
S4	457	S2 and (server\$1 with (select\$4 list\$4 retriev\$4 inquir\$4 quer\$4) with (client\$1 peer\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:49
S5	395	S4 and (server with (receiv\$4 stor\$4 maintain\$4) with (id\$1 identifier\$1 identification\$1 address\$2 port\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:49
S6	394	S5 and (server with (send\$4 transmit\$4 forward\$4) with (id\$1 identifier\$1 identification\$1 address\$2 port\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:49
S7	394	S6 and (server with (return\$4 send\$4 transmit\$4 forward\$4) with (id\$1 identifier\$1 identification\$1 address\$2 port\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:49
S8	361	S7 and (request\$4 same (url\$1 (web near server\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:50
S9	161	S8 and @ad< "20091008"	US-PGPUB; USPAT;	OR	OFF	2019/01/06 23:50

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S10	37	S9 and (server\$1 with (select\$4 list\$4 retriev\$4 inquir\$4 quer\$4) with (client\$1 peer\$1) with (geographic\$4 location\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:50
S11	0	S10 and (((second other another differen\$4) near web near server) with (return\$4 send\$4 transmit\$4 forward\$4) with (content\$1 document\$1 page\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:50
S12	3	S10 and (((second other another differen\$4) near1 server) with (return\$4 send\$4 transmit\$4 forward\$4) with (content\$1 document\$1 page\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:50
S13	146021	(H04L67/42 H04L41/046 H04L67/108 H04L67/22 H04L67/02).CPC.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:50
S14	1189	S13 and S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:51
S15	20	S14 and ((peer\$1 client\$1) with (send\$4 transmit\$4 forward\$4) with ((peer\$1 client\$1) near (address\$2 id\$1 identifier\$1 identification\$1)) with server\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:51
S16	17	S15 and (server\$1 with (select\$4 list\$4 retriev\$4 inquir\$4 quer\$4) with (client\$1 peer\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:51
S17	0	S16 and (server with (send\$4 transmit\$4 forward\$4) with (id\$1 identifier\$1 identification\$1 address\$2 port\$1) with ((differen\$4 another other destinat\$4 receiv\$4 second) near (peer\$1 client\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:51
S18	11	S16 and (request\$4 same (url\$1 same (web near server\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:52
S19	3	S18 and (server\$1 with (select\$4 list\$4 retriev\$4 inquir\$4 quer\$4) with	US-PGPUB; USPAT;	OR	OFF	2019/01/06 23:52

EAST Search History

		(client\$1 peer\$1) with (geographic\$4 location\$1))	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S20	1	S19 and @ad<"20091008"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/01/06 23:52

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S21	1	((peer\$1 client\$1) with (send\$4 transmit\$4 forward\$4) with ((peer\$1 client\$1) near (address\$2 id\$1 identifier\$1 identification\$1)) with server\$1) and (server\$1 with (select\$4 list\$4 retriev\$4 inquir\$4 quer\$4) with (client\$1 peer\$1)) and (server with (send\$4 transmit\$4 forward\$4) with (id\$1 identifier\$1 identification\$1 address\$2 port\$1) with ((differen\$4 another other destinat\$4 receiv\$4 second) near (peer\$1 client\$1))) and (((second other another differen\$4) near web near server) with (return\$4 send\$4 transmit\$4 forward\$4) with (content\$1 document\$1 page\$1))).clm.	US-PGPUB; USPAT	OR	OFF	2019/01/06 23:52
S22	6	((peer\$1 client\$1) with (send\$4 transmit\$4 forward\$4) with ((peer\$1 client\$1) near (address\$2 id\$1 identifier\$1 identification\$1)) with server\$1) and (server\$1 with (select\$4 list\$4 retriev\$4 inquir\$4 quer\$4) with (client\$1 peer\$1)) and (server with (send\$4 transmit\$4 forward\$4) with (id\$1 identifier\$1 identification\$1 address\$2 port\$1) with ((differen\$4 another other destinat\$4 receiv\$4 second request\$4) near1 (peer\$1 client\$1))) and ((web near server) with (return\$4 send\$4 transmit\$4 forward\$4) with (content\$1 document\$1 page\$1))).clm.	US-PGPUB; USPAT	OR	OFF	2019/01/06 23:52
S23	1	S22 and (server\$1 with (select\$4 list\$4 retriev\$4 inquir\$4 quer\$4) with (client\$1 peer\$1) with (geographic\$4 location\$1))	US-PGPUB; USPAT	OR	OFF	2019/01/06 23:54
S24	0	S23 and @ad<"20091008"	US-PGPUB; USPAT	OR	OFF	2019/01/06 23:54

1/ 22/ 2019 2:52:53 PM

C:\Users\mnguyen2\Documents\EAST\Workspaces\15957950_01.wsp

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	HOLA-005-US4
		Application Number	15/957,945
Title of Invention	SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

<input type="checkbox"/>	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
--------------------------	---

Inventor Information:

Inventor 1 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Derry		Shribman	
Residence Information (Select One) <input type="radio"/> US Residency <input checked="" type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Tel Aviv	Country of Residence ⁱ	IL	
Mailing Address of Inventor:				
Address 1	9/6 Beylinson St.,			
Address 2				
City	Tel Aviv	State/Province		
Postal Code	6356709	Country ⁱ	IL	
Inventor 2 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Ofer		Vilenski	
Residence Information (Select One) <input type="radio"/> US Residency <input checked="" type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Moshav Hadar Am	Country of Residence ⁱ	IL	
Mailing Address of Inventor:				
Address 1	8 Hahollandim Street			
Address 2				
City	Moshav Hadar Am	State/Province		
Postal Code	42935	Country ⁱ	IL	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. Add				

Correspondence Information:

EFS Web 2.2.12

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	HOLA-005-US4
	Application Number	<u>15/957,945</u>
Title of Invention	SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION	

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

An Address is being provided for the correspondence information of this application.

Customer Number	131926		
Email Address		<input type="button" value="Add Email"/>	<input type="button" value="Remove Email"/>

Application Information:

Title of the Invention	SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION		
Attorney Docket Number	HOLA-005-US4	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	15	Suggested Figure for Publication (if any)	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

Request Early Publication (Fee required at time of Request 37 CFR 1.219)

Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer number will be used for the Representative Information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	131926		

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	Application Number	<u>15/957,945</u>
Title of Invention	SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION	

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
	Continuation of	14/025109	2013-09-12		
Prior Application Status	Patented		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
14/025109	Division of	12/836059	2010-07-14	8560604	2013-10-15
Prior Application Status	Expired		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
12/836059	Claims benefit of provisional	61/249624	2009-10-08		
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.					

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	<input type="button" value="Remove"/>
Additional Foreign Priority Data may be generated within this form by selecting the Add button.				

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	HOLA-005-US4
	Application Number	<u>15/957,945</u>
Title of Invention	SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION	

<input type="checkbox"/> This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013. NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	HOLA-005-US4
	Application Number	<u>15/957,945</u>
Title of Invention	SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION	

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	HOLA-005-US4
	Application Number	<u>15/957,945</u>
Title of Invention	SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.			
Applicant 1			
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.			
<input type="button" value="Clear"/>			
<input checked="" type="radio"/> Assignee	<input type="radio"/> Legal Representative under 35 U.S.C. 117	<input type="radio"/> Joint inventor	
<input type="radio"/> Person to whom the inventor is obligated to assign.		<input type="radio"/> Person who shows sufficient proprietary interest	
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:			
Name of the Deceased or Legally Incapacitated Inventor: <input type="text"/>			
If the Applicant is an Organization check here. <input checked="" type="checkbox"/>			
Organization Name	HOLA HEWCO LTD. <u>WEB SPARK LTD.</u>		
Mailing Address Information For Applicant:			
Address 1	3 Hamahshev St.,		
Address 2			
City	Netanya	State/Province	
Country ¹	IL	Postal Code	42507
Phone Number		Fax Number	
Email Address			
Additional Applicant Data may be generated within this form by selecting the Add button.			

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	HOLA-005-US4
	Application Number	<u>15/957,945</u>
Title of Invention	SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION	

Assignee 1				
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.				
If the Assignee or Non-Applicant Assignee is an Organization check here. <input type="checkbox"/>				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information For Assignee including Non-Applicant Assignee:				
Address 1				
Address 2				
City		State/Province		
Country ¹		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.				

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the **INITIAL** filing of the application and either box A or B is **not** checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Yehuda Binder/		Date (YYYY-MM-DD)	2019-01-27 2018-01-20	
First Name	Yehuda	Last Name	BINDER	Registration Number	73612
Additional Signature may be generated within this form by selecting the Add button.					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	HOLA-005-US4
	Application Number	<u>15/957,945</u>
Title of Invention	SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION	

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an international Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	34971371
Application Number:	15957945
International Application Number:	
Confirmation Number:	7917
Title of Invention:	SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION
First Named Inventor/Applicant Name:	Derry Shribman
Customer Number:	131926
Filer:	Yehuda Binder/Dorit Binder
Filer Authorized By:	Yehuda Binder
Attorney Docket Number:	HOLA-005-US4
Receipt Date:	28-JAN-2019
Filing Date:	20-APR-2018
Time Stamp:	04:22:36
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	ADS-005-15957945.pdf	340979 868354bf92a78db25a31079830cabd087ee a556a	no	9

Warnings:

Information:	
This is not an USPTO supplied ADS fillable form	
Total Files Size (in bytes):	340979
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>	

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

May Patents Ltd.
 c/o Dorit Shem-Tov
 P.O.B. 7230
 Ramat-Gan 5217102,
 Israel

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

_____ (Depositor's name)
_____ (Signature)
_____ (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/957,945	04/20/2018	Derry Shribman	HOLA-005-US4	7917

TITLE OF INVENTION:

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$500	\$0	\$0	\$500	04/23/2019

EXAMINER	ART UNIT	CLASS-SUBCLASS

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 <u>May Patents Ltd. c/o Dorit Shem-Tov</u></p> <p>(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____</p> <p>3 _____</p>
---	--

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: WEB SPARK LTD.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)
Netanya
Israel 4250713

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are submitted:

Issue Fee

Publication Fee (No small entity discount permitted)

Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

A check is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 508726 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature /Yehuda Binder/ Date February 19, 2019

Typed or printed name Yehuda BINDER Registration No. 73,612

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	15957945				
Filing Date:	20-Apr-2018				
Title of Invention:	SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION				
First Named Inventor/Applicant Name:	Derry Shribman				
Filer:	Yehuda Binder/Dorit Binder				
Attorney Docket Number:	HOLA-005-US4				
Filed as Small Entity					
Filing Fees for Utility under 35 USC 111(a)					
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)	
Basic Filing:					
Pages:					
Claims:					
Miscellaneous-Filing:					
Petition:					
Patent-Appeals-and-Interference:					
Post-Allowance-and-Post-Issuance:					
UTILITY APPL ISSUE FEE	2501	1	500	500	

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				500

Electronic Acknowledgement Receipt

EFS ID:	35188426
Application Number:	15957945
International Application Number:	
Confirmation Number:	7917
Title of Invention:	SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION
First Named Inventor/Applicant Name:	Derry Shribman
Customer Number:	131926
Filer:	Yehuda Binder/Dorit Binder
Filer Authorized By:	Yehuda Binder
Attorney Docket Number:	HOLA-005-US4
Receipt Date:	19-FEB-2019
Filing Date:	20-APR-2018
Time Stamp:	14:52:33
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$500
RAM confirmation Number	022019INTEFSW00001278506726
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	ptol85b.pdf	75023	no	2
			c3c6f46b6736bb49e4ae6a00dcdf5d9412ba204		

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30213	no	2
			31650b9cbc721c14a347b09e9ba7c9154643404		

Warnings:

Information:

Total Files Size (in bytes):	105236
-------------------------------------	--------

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



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Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 15/957,945, 04/20/2018, 2459, 1235, HOLA-005-US4, 29, 1

CONFIRMATION NO. 7917
CORRECTED FILING RECEIPT



131926
May Patents Ltd. c/o Dorit Shem-Tov
P.O.B 7230
Ramat-Gan, 5217102
ISRAEL

Date Mailed: 02/26/2019

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s)

Derry Shribman, Tel Aviv, ISRAEL;
Ofer Vilenski, Moshav Hadar Am, ISRAEL;

Applicant(s)

WEB SPARK LTD., Netanya, ISRAEL;

Power of Attorney: The patent practitioners associated with Customer Number 131926

Domestic Priority data as claimed by applicant

This application is a CON of 14/025,109 09/12/2013 PAT 10069936
which is a DIV of 12/836,059 07/14/2010 PAT 8560604
which claims benefit of 61/249,624 10/08/2009

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 05/14/2018

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 15/957,945**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

SYSTEM PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION

Preliminary Class

709

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	15/957945
Filing Date	04/20/2018
First Named Inventor	Derry Shribman
Art Unit	2459
Examiner Name	MINH-CHAU NGUYEN
Attorney Docket Number	HOLA-005-US4

/M.N/	9	4937781	A	1990-06-26	Lee , et al.
/M.N/	10	7970835	B2	2011-06-28	Robert St. Jacques

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
Change(s) applied to document. /C.H.U/ 2/21/2019	1	20150067819	A1	2015-03-05	Shribman et al. Hola Networks Ltd.	
	2	20120254456	A1	2012-10-04	Visharam Zubair et al.	
	3	20080222291	A1	2008-09-11	Weller et al.	
	4	20100235438	A1	2010-09-16	Narayanan et al.	
	5	20120124239	A1	2012-05-17	Shribman et al.	
	6	20130166768	A1	2013-06-27	Gouache et al. Thomson Licensing	
	7	20020065930	A1	2002-30-05	Rhodes, David L.	

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (03-15)

Approved for use through 07/31/2016. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15/957945
	Filing Date	04/20/2018
	First Named Inventor	Derry Shribman
	Art Unit	2459
	Examiner Name	MINH-CHAU NGUYEN
	Attorney Docket Number	HOLA-005-US4

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/M.N/	1	8479251	B2	2013-07-02	Feinleib et al	
	2	8499059	B2	2013-07-30	Stoyanov	
Change(s) applied to document, /C.H.J/ 2/21/2019	3	7970835	B2	06/2011 2011-28-01	St. Jacques Xerox Corporation	
	4	8832179	B2	2014-09-09	Owen , et al.	
	5	6173330	B1	2001-09-01	Guo , et al.	
	6	8769035	B2	2014-01-07	Resch , et al.	
	7	8171101	B2	2012-05-01	Gladwin , et al.	
	8	7558942	B2	2009-07-07	Chen , et al.	



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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/957,945	04/09/2019	10257319	HOLA-005-US4	7917

131926 7590 03/20/2019
May Patents Ltd. c/o Dorit Shem-Tov
P.O.B 7230
Ramat-Gan, 5217102
ISRAEL

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

WEB SPARK LTD., Netanya, ISRAEL;
Derry Shribman, Tel Aviv, ISRAEL;
Ofer Vilenski, Moshav Hadar Am, ISRAEL;

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AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court EASTERN DISTRICT OF TEXAS, MARSHALL DIVISION on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-395	DATE FILED 12/06/2019	U.S. DISTRICT COURT EASTERN DISTRICT OF TEXAS, MARSHALL DIVISION
PLAINTIFF		DEFENDANT
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 10,469,614 B2	11/05/2019	LUMINATI NETWORKS LTD.
2 10,257,319 B2	04/09/2019	LUMINATI NETWORKS LTD.
3 10,484,510 B2	11/19/2019	LUMINATI NETWORKS LTD.
4		
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY	
	<input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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2		
3		
4		
5		

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DOCKET NO. 2:19-cv-397	DATE FILED 12/6/2019	U.S. DISTRICT COURT Eastern District of Texas, Marshall Division
PLAINTIFF Luminati Networks Ltd		DEFENDANT BI Science (2009) Ltd.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 10,469,614 B2	11/5/2019	Luminati Networks Ltd.
2 10,257,319 B2	4/9/2019	Luminati Networks Ltd.
3 10,484,510 B2	11/19/2019	Luminati Networks Ltd.
4 10,484,511 B2	11/19/2019	Luminati Networks Ltd.
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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DECISION/JUDGEMENT

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Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-414	DATE FILED 12/31/2019	U.S. DISTRICT COURT Eastern District of Texas, Marshall Division
PLAINTIFF Luminati Networks Ltd.		DEFENDANT Tefincom S.A. d/b/a NordVPN
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 10,469,614 B2	11/05/2019	Luminati Networks Ltd.
2 10,257,319 B2	04/09/2019	Luminati Networks Ltd.
3 10,484,510 B2	11/19/2019	Luminati Networks Ltd.
4 10,484,511 B2	11/19/2019	Luminati Networks Ltd.
5		

In the above entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In the above entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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AO 120 (Rev. 08/10)

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Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-397	DATE FILED 12/6/2019	U.S. DISTRICT COURT Eastern District of Texas, Marshall Division
PLAINTIFF Luminati Networks Ltd		DEFENDANT BI Science (2009) Ltd.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 10,469,614 B2	11/5/2019	Luminati Networks Ltd.
2 10,257,319 B2	4/9/2019	Luminati Networks Ltd.
3 10,484,510 B2	11/19/2019	Luminati Networks Ltd.
4 10,484,511 B2	11/19/2019	Luminati Networks Ltd.
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CODE200, UAB; TESO LT, UAB; METACLUSTER LT,
UAB; AND OXYSALES, UAB,
Petitioner,

v.

LUMINATI NETWORKS LTD.,
Patent Owner.

IPR2020-01266
Patent 10,257,319 B2

Before THOMAS L. GIANNETTI, SHEILA F. MCSHANE, and
RUSSELL E. CASS, *Administrative Patent Judges*.

GIANNETTI, *Administrative Patent Judge*.

DECISION
Denying Institution of *Inter Partes* Review
35 U.S.C. § 314

I. INTRODUCTION

Petitioner (collectively, Code200, UAB; Teso LT, UAB; Metacluster LT, UAB; and Oxysales, UAB) filed a Petition (Paper 5, “Pet.”) requesting an *inter partes* review of claims 1, 2, 14, 15, 17–19, 21, 22, and 24–29 (“the challenged claims”) of U.S. Patent No. 10, 257,319 B2 (Ex. 1001, “the ’319 patent”). Patent Owner, Luminati Networks, LTD, filed a Corrected Preliminary Response (Paper 16, “Prelim. Resp.”).¹

The Board has authority to determine whether to institute an *inter partes* review. *See* 35 U.S.C. § 314; 37 C.F.R. § 42.4(a). Under 35 U.S.C. § 314(a), we may not authorize an *inter partes* review unless the information in the petition and the preliminary response “shows that there is a reasonable likelihood that the petitioner would prevail with respect to at least 1 of the claims challenged in the petition.”

The Board, however, has discretion to deny a petition even when a petitioner meets that threshold. *Id.*; *see, e.g., Cuozzo Speed Techs., LLC v. Lee*, 136 S. Ct. 2131, 2140 (2016) (“[T]he agency’s decision to deny a petition is a matter committed to the Patent Office’s discretion.”); *NHK Spring Co. v. Intri-Plex Techs., Inc.*, IPR2018-00752, Paper 8 (PTAB Sept. 12, 2018) (precedential).

Both the Petition and Preliminary Response address the issue of discretionary denial under 35 U.S.C. § 314(a). Pet. 6–9; Prelim. Resp. 4–14.

For the reasons that follow, we exercise our discretion under 35 U.S.C. § 314(a) to deny institution of *inter partes* review.

¹ The Board authorized a Corrected Preliminary Response providing citations to a stipulation entered after the original preliminary response was filed. Paper 15.

II. BACKGROUND

A. Real Parties-in-Interest

Petitioner identifies the following as the real parties-in-interest: Code200, UAB; Teso LT, UAB; Metacluster LT, UAB; Oxysales, UAB; and coretech lt, UAB. Pet. 2.

Patent Owner identifies Luminati Networks LTD as the real party-in-interest. Paper 7, 2.

B. Related Proceedings

The parties identify the following litigation in the Eastern District of Texas involving the '319 patent: *Luminati Networks Ltd. v. Teso LT, UAB et al.*, 2:19-cv-00395-JRG (E.D. Tex.) (“the Texas Litigation”). Pet. 2; Paper 7, 2. The parties identify other proceedings involving patents related to the '319 patent, including other litigations in the Eastern District of Texas, other petitions for *inter partes* review, and numerous pending applications. Pet. 3; Paper 7, 2–3.

C. The '319 Patent

The '319 patent is directed to a system for increasing network communication speed for users, while lowering network congestion for content owners and internet service providers (ISPs). Ex. 1001, (57). The system employs network elements including an acceleration server, clients, agents, and peers, where communication requests generated by applications are intercepted by the client on the same machine. *Id.* The IP address of the server in the communication request is transmitted to the acceleration server, which provides a list of agents to use for this IP address. *Id.*

The communication request is sent to the agents. One or more of the agents respond with a list of peers that have previously seen some or all of the content which is the response to this request (after checking whether this data is still valid). *Id.* The client then downloads the data from these peers in parts and in parallel, thereby speeding up the Web transfer, releasing congestion from the Web by fetching the information from multiple sources, and relieving traffic from Web servers by offloading the data transfers from them to nearby peers. *Id.*

D. Illustrative Claim

Claim 1 is the only independent claim, and is illustrative of the challenged claims. Claim 1 recites:

1. A method for use with a first client device, for use with a first server that comprises a web server that is a Hypertext Transfer Protocol (HTTP) server that responds to HTTP requests, the first server stores a first content identified by a first content identifier, and for use with a second server, the method by the first client device comprising:

receiving, from the second server, the first content identifier;

sending, to the first server over the Internet, a Hypertext Transfer Protocol (HTTP) request that comprises the first content identifier;

receiving, the first content from the first server over the Internet in response to the sending of the first content identifier;
and

sending, the first content by the first client device to the second server, in response to the receiving of the first content identifier.

Ex. 1001, 19:16–32.

E. Prior Art

Petitioner relies on the following prior art:

1. Michael Reiter & Aviel Rubin, *Crowds: Anonymity for Web Transactions*, ACM Transactions on Information and System Security, Vol. 1, No. 1, Nov. 1998, at 66-92 (Ex. 1011, “Crowds”);
2. Marc Rennhard, *MorphMix – A Peer-to-Peer-based System for Anonymous Internet Access* (2004) (Doctoral Thesis) (Ex. 1013, “MorphMix”);
3. Border et al. United States Patent No. 6,795,848 (Ex. 1017, “Border”);
4. Network Working Group, RFC 2616 (Ex. 1018).

F. The Asserted Grounds

Petitioner challenges claims 1, 2, 14, 15, 17–19, 21, 22, and 24–29 of the ’319 patent on the following grounds (Pet. 5–6):

Claims Challenged	35 U.S.C. §	References
1, 2, 21, 22, 24–27	102(b)	Crowds
1, 2, 14, 15, 17, 18, 21, 22, 24–27	103(a) ²	Crowds, RFC 2616
1, 12, 14, 21, 22, 24, 25, 27–29	102(b)	Border
1, 12, 14, 15, 17, 18, 21, 22, 24–29	103(a)	Border, RFC 2616
1, 2, 17, 19, 21, 22, 24–27	102(b)	MorphMix
1, 2, 14, 15, 17–19, 21, 22, 24–27	103(a)	MorphMix, RFC 2616

² The Leahy-Smith America Invents Act (“AIA”), Pub. L. No. 112-29, 125 Stat. 284, 287–88 (2011), amended 35 U.S.C. § 103. Because the ’319 patent was filed before March 16, 2013 (the effective date of the relevant amendments), the pre-AIA version of § 103 applies.

III. ANALYSIS

Patent Owner contends we should exercise our discretion to deny institution under 35 U.S.C. § 314(a), relying on the Board’s precedential decision in *Apple Inc. v. Fintiv Inc.*, IPR2020-00019, Paper 11 (PTAB March 20, 2020) (“*Fintiv*”). Prelim. Resp. 4–14. Patent Owner contends the parallel Texas Litigation, which asserts the same prior art as the Petition, begins jury selection over seven months before a final determination would be expected in this proceeding. Prelim. Resp. 4. Anticipating Patent Owner’s challenge, Petitioner addresses the §314(a) issue in its Petition. Pet. 6–9.

A. Fintiv Factors

Fintiv identifies a non-exclusive list of factors parties may consider addressing where there is a related, parallel district court action to determine whether such action provides any basis for discretionary denial. *Fintiv*, Paper 11 at 5–16. Those factors include:

1. whether the court granted a stay or evidence exists that one may be granted if a proceeding is instituted;
2. proximity of the court’s trial date to the Board’s projected statutory deadline for a final written decision;
3. investment in the parallel proceeding by the court and the parties;
4. overlap between issues raised in the petition and in the parallel proceeding;
5. whether the petitioner and the defendant in the parallel proceeding are the same party; and
6. other circumstances that impact the Board’s exercise of discretion, including the merits.

Id. at 5–6.

In evaluating the factors, we take a holistic view of whether efficiency and integrity of the system are best served by denying or instituting review. *Fintiv*, Paper 11 at 6.

B. The Texas Litigation

The Texas Litigation is pending before District Judge Rodney Gilstrap, in the United States District Court for the Eastern District of Texas, Marshall Division. Judge Gilstrap has entered a Docket Control Order setting December 14, 2020, as the deadline for completing fact discovery, January 21, 2021, as the deadline for completing expert discovery, and May 3, 2021, for jury selection and trial. Ex. 1004, 1, 3. The parties have advised us that the date for jury selection has been moved to May 10, 2021.

The Court has conducted a *Markman* hearing, and on December 7, 2020, issued a Claim Construction Opinion and Order. Paper 17; Ex. 2016.

Petitioner advised us (and we have independently confirmed) that in other cases before him, Judge Gilstrap has continued jury trial dates in cases scheduled for trial from December 2020 through February 2021 due to the COVID-19 pandemic. *See. e.g.*, Ex. 3001. However, we have not been informed of any change in the May 10, 2021 jury selection date in the Texas Litigation.

C. Analysis of the Fintiv Factors

Both Petitioner and Patent Owner address the *Fintiv* factors in their submissions. We conclude that overall, the factors favor exercising our discretion to decline to institute a trial. Our reasoning follows.

i. Stay in the Texas Litigation

Neither party asserts that the Texas Litigation has been stayed. Pet. 7; Prelim, Resp. 5. In the Petition, Petitioner contends this factor is neutral

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because “No party has requested a stay of the Lawsuit pending the IPR.” Pet. 7. Patent Owner contends that on October 1, 2020, after the Petition was filed, “Petitioners filed a sealed opposed motion to stay the 395 District Court case pending the *inter partes* reviews in which they concede as a general rule that such stays are not granted.” Prelim. Resp. 5 (citing Ex. 2001). Patent Owner contends Judge Gilstrap “would not likely grant a stay given the lateness of the Petition.” *Id.* at 6. The parties have not informed us of any ruling by Judge Gilstrap on Petitioner’s motion to stay.

In the absence of any specific information from the parties about a stay by the district court, we decline to speculate on the likelihood of a stay. *See Apple Inc. v. Fintiv, Inc.*, IPR2020-00019, Paper 15 at 12 (PTAB May 13, 2020) (informative) (“We decline to infer, based on actions taken in different cases with different facts, how the District Court would rule should a stay be requested by the parties in the parallel case here.”). Thus, we find this factor is neutral.

ii. Trial Date in the Texas Litigation

Patent Owner notes that jury selection in the Texas Litigation is set to occur over seven months before the final written decision is due. Prelim. Resp. 6–7. According to Patent Owner, the possibility that the trial date will be delayed due to the COVID-19 pandemic is “sheer speculation.” *Id.* at 7–8. Thus, Patent Owner contends that this factor “strongly favors denial of institution.” *Id.* at 8. Petitioner contends that in previous lawsuits, “Luminati has previously sought to abandon its trial dates as the ‘day of reckoning’ approaches.” Pet. 7. Petitioner argues that “[i]n view of Luminati’s history and the potential for COVID-related delays (which are more likely to affect a jury trial),” this factor “is neutral.” *Id.* at 8.

The trial in the Texas Litigation is currently set to occur at least seven months before a Final Written Decision in this case will issue if trial is instituted. Although district court trial delays are always a possibility, we have no hard evidence before us that would indicate the likelihood of a trial postponement in the Texas Litigation, due to COVID-19 or otherwise. Thus, based on the current record, this factor favors exercising discretion to deny institution of *inter partes* review.

*iii. Investment by the Court and the Parties
in the Texas Litigation*

Petitioner contends that the Texas Litigation “is at a very early stage.” Pet. 8. Patent Owner disagrees and points to the efforts of the parties and the Court in connection with the *Markman* proceedings. Prelim. Resp. 8–10. As noted *supra*, those efforts have now resulted in a *Markman* claim construction order. Ex. 2016. Moreover, according to the most recent Docket Control Order that the parties have submitted from the Texas Litigation, fact discovery closed on December 14, 2020, and expert discovery will close on January 21, 2021. Ex. 1004, 3. The parties have not informed us of any delays that impacted or would impact these dates.

Based on the evidence of record, we agree with Patent Owner that the investment of time and effort in the Texas Litigation has been substantial and that this factor favors denial of institution. Prelim. Resp. 10.

iv. Overlap of the Issues

Patent Owner contends the overlap in issues between the Petition and the Texas Litigation “is substantial.” Prelim. Resp. 10. Petitioner identified all four references relied on in this proceeding (Crowds, Border, MorphMix,

and RFC 2616) in its invalidity contentions in the Texas Litigation. Paper 14, ¶¶ 1–2.³

In addition, the claims asserted in the Texas Litigation overlap with the claims challenged in this proceeding. Prelim. Resp. 11. Petitioner asserts that because the Petition challenges four claims that are not asserted in the Texas Litigation, this factor “weighs in favor of institution.” Pet. 8. But Patent Owner responds that those claims depend from claim 1, the only independent claim in the ’319 patent. Prelim. Resp. 11. Patent Owner further contends that two of those dependent claims merely add a “non-transitory computer readable medium containing computer instructions that, when executed by a computer processor, cause the processor to perform the method” of claim 1. *Id.* Thus, Patent Owner argues, “[t]his is not a significant difference.” *Id.*

We agree with Patent Owner and find that the overlap of issues with the Texas Litigation is “substantial.” Prelim. Resp. 10. We find that this factor strongly favors exercising our discretion to deny institution.

v. Whether Petitioner is Unrelated to the Defendants in the Texas Litigation

“If a petitioner is unrelated to a defendant in an earlier court proceeding, the Board has weighed this fact against exercising discretion.” *Fintiv*, Paper 11 at 13–14. Three of the four petitioners, namely, Teso LT, Metacluster LT, and Oxysales, are the defendants in the Texas Litigation.

³ Petitioner and Patent Owner have entered a stipulation acknowledging that these four references have been asserted in Petitioner’s invalidity contentions in the Texas Litigation. Paper 14. Petitioner excludes Code 200 from this stipulation, as Code 200 is not a party to the Texas Litigation. *Id.* ¶ 2.

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Prelim. Resp. 12; Ex. 1038. Petitioner argues that because the fourth petitioner, Code200, is not a party to the Texas Litigation, this factor “weighs in favor of institution.” Pet. 9. Patent Owner responds that this argument “fails to acknowledge the close corporate relationship between Code200 and the other defendants/petitioners.” Prelim. Resp. 12.

After reviewing the corporate structure of the named petitioners, Patent Owner concludes: “Code200 is related to the other petitioners and all of them are under the control of their common parent company.” Prelim. Resp. 13 (citing Exs. 2013, 2014). Petitioner does not challenge this assertion.

We find that the overlap between the defendants in the Texas Litigation and petitioners this proceeding, even without considering the relationship of Code 200 to the other petitioners, is substantial, and favors denial of institution.

vi. Other Considerations

The final *Fintiv* factor takes into account any other relevant circumstances. Petitioner contends the ’319 patent “is extraordinarily weak.” Pet. 9. Patent Owner responds “Petitioners’ reading of the claims is unreasonable — an issue that will be resolved by the . . . District Court.” Prelim. Resp. 13–14.

Having reviewed Petitioner’s unpatentability arguments and Patent Owner’s responses, and based on the limited record before us, we do not find that the merits outweigh the other *Fintiv* factors favoring denial of institution.

D. Conclusion

The decision whether to exercise discretion to deny institution under § 314(a) is based on “a balanced assessment of all relevant circumstances in the case, including the merits.” Patent Trial and Appeal Board Consolidated Trial Practice Guide 58 (Nov. 2019), *available at* <https://www.uspto.gov/sites/default/files/documents/tpgnov.pdf>.

Patent Owner has established that (1) the trial in the Texas Litigation is set to occur at least seven months before a Final Written Decision would be issued here; (2) the court and the parties have invested substantial time and effort in the Texas Litigation; and (3) there is almost complete overlap of issues and parties with this proceeding and the Texas Litigation. Thus, based on the facts and circumstances of this case, we exercise our discretion under 35 U.S.C. § 314(a) to deny *inter partes* review.

IV. ORDER

Accordingly, it is

ORDERED that the Petition is *denied* as to all grounds and all challenged claims of the '319 patent.

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AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the Eastern District of Texas _____ on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:20-cv-00073-JRG	DATE FILED 3/5/2020	U.S. DISTRICT COURT for the Eastern District of Texas
PLAINTIFF Teso LT, UAB, Metacluster LT, UAB, and Code200, UAB		DEFENDANT Luminati Networks Ltd. and EMK Capital LLP
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 9,241,044	1/19/2016	Luminati Networks Ltd.
2 9,742,866	8/22/2017	Luminati Networks Ltd.
3 10,469,614	11/19/2019	Luminati Networks Ltd.
4 10,484,510	11/19/2019	Luminati Networks Ltd.
5 10,257,319	11/19/2019	Luminati Networks Ltd.

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT Order dated April 20, 2021 dismissing all claims and counterclaims with prejudice pursuant to Joint Stipulation and Motion to Dismiss Case in its Entirety.

CLERK <i>David A. O'Toole</i>	(BY) DEPUTY CLERK	DATE 4/29/21
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy



AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Eastern District of Texas, Marshall Division on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:21-cv-225	DATE FILED 6/18/2021	U.S. DISTRICT COURT Eastern District of Texas, Marshall Division
PLAINTIFF Bright Data Ltd		DEFENDANT NetNut Ltd.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 10,257,319	4/9/2019	BRIGHT DATA LTD.
2 10,484,510	11/19/2019	BRIGHT DATA LTD.
3		
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Eastern District of Texas, Marshall Division on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

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PLAINTIFF Bright Data Ltd		DEFENDANT NetNut Ltd.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 10,257,319	4/9/2019	BRIGHT DATA LTD.
2 10,484,510	11/19/2019	BRIGHT DATA LTD.
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy