



UNITED STATES  
PATENT AND TRADEMARK OFFICE

P.O. Box 1450  
Alexandria, VA 22313 - 1450  
www.uspto.gov

## ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #  
**18/657,719**

RECEIPT DATE / TIME  
**05/07/2024 10:03:59 PM Z ET**

ATTORNEY DOCKET #  
**4785FT**

### Title of Invention

SYSTEM AND METHOD FOR MULTI-TYPE DATA COMPRESSION OR DECOMPRESSION WITH A VIRTUAL MANAGEMENT LAYER

### Application Information

APPLICATION TYPE Utility - Nonprovisional Application  
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 7022

FILED BY Aura Morrey

PATENT CENTER # 65417525

FILING DATE -

CUSTOMER # 82318

FIRST NAMED INVENTOR Joshua Cooper

CORRESPONDENCE ADDRESS -

AUTHORIZED BY Brian Galvin

### Documents

**TOTAL DOCUMENTS: 12**

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
240507_4785FT_ADS_AS_FILED.pdf	11	Application Data Sheet	2225 KB
240507_4785FT_TrackOne_Request_AS_FILED.pdf	2	Track One Request	117 KB
240507_4785FT_Final_AS_FILED-APP.TEXT.docx	48	Application body structured text document	67 KB
240507_4785FT_Drawings_AS_FILED.pdf	36	Drawings-only black and white line drawings	8739 KB
240507_4785FT_AtomBeam_POA_AS_FILED.pdf	1	Power of Attorney	147 KB

240507_4785FT_Declaration _Assignment_Cooper_AS_FI LED.pdf	1	Oath or Declaration filed	98 KB
240507_4785FT_Declaration _Assignment_Li_AS_FILED.p df	1	Oath or Declaration filed	97 KB
240507_4785FT_Declaration _Assignment_Yeomans_AS_ FILED.pdf	1	Oath or Declaration filed	98 KB
240507_4785FT_Declaration _Assignment_Galvin_AS_FIL ED.pdf	1	Oath or Declaration filed	106 KB
240507_4785FT_Final_AS_F ILED.pdf	48	Auxiliary PDF of Application	282 KB
240507_4785FT_IntCommAu th_AS_FILED.pdf	2	Internet Communications Authorization	78 KB
240507_4785FT_IDS_AS_FI LED.pdf	4	Information Disclosure Statement (IDS) Form (SB08)	1252 KB

## Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
240507_4785FT_ADS_AS_FIL ED.pdf	D88EB84ED8EA29D9CBC6F44B39A8CD7D56836D93DBBCC8F 07574CF675C61128BC3ED996498D0FF2E72011A10343470EE1 3B2A5D301442E02002AC29590D431F5
240507_4785FT_TrackOne_Re quest_AS_FILED.pdf	9DD785DA5E4E7159A2E82530FEEBF281CF4B7584C08A4904B E84373EEAAC802A5730F9A06D75243489A4980BB5E12875293 D2D0864CB2624786D848F07A0D470
240507_4785FT_Final_AS_FIL	B6461F213AC81898A41948D759C12D6127FEAF8DF39ACEEEA

ED-APP.TEXT.docx	83BC8B828BD7EC52A8B4EBA689BEFE9530D3101A2E4C94CE C845085F3D5D35DAD3B5BA2C1CAE324
240507_4785FT_Drawings_AS _FILED.pdf	DA051F03C38A61314EE2A44F3E5D6B3EFF0E48C131454B186 9FEC4AA186B4781021DD5D6A64572AAB7FD53CE351E76C9E 29B536772B28B689A9440A868DE31C6
240507_4785FT_AtomBeam_P OA_AS_FILED.pdf	DECC75ACA24AD802301E144E26A1202E1C864FB0C2A13656A 58A5AE316B054C58CF958F170271D6C2A81568DA13654434F7 2F7B0AD67FC5A43145C0DA41E818C
240507_4785FT_Declaration_A ssignment_Cooper_AS_FILED. pdf	E838882CEB87C611BEAC493A1677DD2A76875D9C18CBC5E7 876C500A00907EBBACE3999868A71A4AC922FAED0C8274F05 D1EE3B25B25E38A83ED774562574376
240507_4785FT_Declaration_A ssignment_LI_AS_FILED.pdf	D4670CEA45194400A07F39E9F853033975BFD4B8072BCDF5A 03ED1CF13C9AB590D7F9948DB3B34A47D08B47148A4795B92 50ABF48AB532D27C83156D540014C9
240507_4785FT_Declaration_A ssignment_Yeomans_AS_FILE D.pdf	5631379BCB503E787B56C92B76B8870BB5F42B5567B6E14F19 BE7634EB42412FD5954F02B8D7BD2E2CE096512D8F193AE94 47EA81E3B34CFAD2CE57741FD95D7
240507_4785FT_Declaration_A ssignment_Galvin_AS_FILED.p df	DFF0F3313DBC04E8E6CB5442D70974BF818834C2F984A5133 92D9327E0952B31586A852E2FBACE12F0AB3CB201352772AE 88D4383DD433AB635A338050993C09
240507_4785FT_Final_AS_FIL ED.pdf	699CD0DF606CE4EBF9BEE8C710B5613CA2F08B05424835C55 A3F6856A7FE80F16F2B90E663BA581EDF775A68E6947A3D8C 54038E71B114D4BCBE6A390B2C62BC
240507_4785FT_IntCommAuth _AS_FILED.pdf	D5782B468765CFE47E6F920DE08ED28595B5B807B7BEB259C DDF59679CC3FE1F83E53255C4F5A652B49C218238CFF942E3 A4D92D056A6C5B83007B2104B6DFBC
240507_4785FT_IDS_AS_FILE D.pdf	7604CD9A813F45B502A427EA3C7EEBA7307A611D62C57DDA DA47234AC78A9A07A36688A19EE89B6C15C06CD73AAFE2432 9883DA44BA8D622C5751C04909E183A

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 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.

**New International Application Filed with the USPTO as a Receiving Office**

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.