

Alpha Digitech, Inc.

KR 1,226,498

Apple Inc.

BR 122017003527-4

BR 122017003532-0

CN 03816739.5

CN 200810082232.0

CN 201210009459.9

CN 201210009587.3

CN 201210009701.2

CN 201210009742.1

CN 201210009744.0

CN 201210009977.0

CN 201410438130.3

DE 603 34 804.1

DE 603 41 992.5

DE 603 41 994.1

FR 1532746

FR 2326019

FR 2328283

GB 1532746

GB 2326019

GB 2328283

HK 1,076,207

HK 1,153,057

HK 1,156,745

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HK 1,181,223

HK 1,181,225

IT 1532746

IT 2326019

IT 2328283

JP 5385233

JP 5,385,251

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JP 5,965,442

JP 6,322,670

KR 850,810

KR 987,911

KR 1,192,559

KR 1,194,952

KR 1,210,015

KR 1,810,205

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US 7,292,636
US 7,339,991
US 7,551,674
US 7,769,084
US 8,090,023
US 8,090,026
US 8,094,724
US 8,094,729
US 8,630,339
US 8,711,924
US 8,737,462
US 8,737,468
US 8,737,484
US 8,743,951
US 8,817,883
US 8,831,106
US 8,837,580
US 8,837,597
US 8,934,546
US 8,934,551
US 8,942,287
US 9,294,766
US 9,510,002
US 10,250,883

British Broadcasting Corporation

BE 2,652,954
CN 201280009609.4
DE 60 2012 016 290.2
ES 2,652,954
FR 2,652,954
GB 2,652,954
ID P000049587
IT 2,652,954
JP 6,063,935
KR 1,622,450
NG/C/2013/840
NL 2,652,954
PL 2,652,954
PT 2,652,954
SE 2,652,954
TR 2,652,954
TW I516095
US 8,923,406
US 9,877,025

Canon Inc.

AT 3,099,070

AU 2016201195
AU 2017232033
BE 2,664,142
BE 2,666,294
BE 2,684,362
BE 2,684,368
BE 2,777,253
BE 2,777,255
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CH 3,099,070
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CN 201280005359.7
CN 201280005380.7
CN 201280012470.9
CN 201280012474.7
CN 201280044447.8
CN 201280054786.4
CN 201280054789.8
CN 201280059744.X
CN 201280059765.1
CN 201380006198.8
CN 201380006207.3
CZ 3,099,070
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DE 60 2012 022 157.7
DE 60 2012 027 052.7
DE 60 2012 030 515.0
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DE 60 2012 051 657.7
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SK 3,099,070
TR 3,099,070

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US 10,097,738
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US 10,165,287
US 10,237,568
US 10,250,890

Digital Insights Inc.

KR 1,618,117
KR 1,795,517

Electronics and Telecommunications Research Institute

AT 2,840,791
BE 2,840,791
CH 2,723,078
CH 2,840,791
CN 104994395
CN 201080057535.2
CN 201180039691.0
CN 201280015709.8
CN 201280058538.7
CN 201310333124.7
CN201310334175.1
CN 201380025824.8
CN 201410069312.8
CN 201410069596.0
CN 201610518674.X
DE 60 2011 050 636.6
DE 60 2012 026 992.8

DE 60 2012 032 040.0

DE 60 2013 035 111.2

DK 2,723,078

ES 2,608,540

ES 2,757,791

ES 2,840,791

FI 2,608,540

FI 2,723,078

FR 2,608,540

FR 2,723,078

FR 2,757,791

FR 2,840,791

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JP 5,583,840

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US 9,204,171
US 9,225,981
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US 9,332,262
US 9,350,993
US 9,363,528
US 9,374,595
US 9,549,204
US 9,571,841
US 9,591,327
US 9,602,832
US 9,621,912
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US 9,648,327
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US 9,699,449
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US 9,838,711
US 9,838,714
US 9,866,839
US 9,900,618
US 10,003,820
US 10,021,416
US 10,057,579
US 10,091,502
US 10,187,660
US 10,205,964
US 10,212,422
US 10,212,448
US 10,244,252

Electronics and Telecommunications Research Institute and Korea Advanced Institute of Science and Technology (KAIST)

CN 106101730
CN 201180058404
JP 5,612,215
JP 5,998,180
JP 6,437,494
KR 1,356,439
KR 1,446,286
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KR 1,791,158
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KR 1,918,956
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US 9,544,595
US 9,860,546
US 10,110,912

Electronics and Telecommunications Research Institute and University-Industry Cooperation Foundation of Korea Aerospace University

CA 2,849,004
CN 201280056452.0
JP 6,046,142
JP 6,416,156
KR 1,419,011
KR 1,419,012
KR 1,879,446
KR 1,879,447
KR 1,973,487
US 9,451,281
US 10,194,167
US 10,194,168

Electronics and Telecommunications Research Institute and University-Industry Cooperation Group of Kyung Hee University

AU 2016200779
AU 2016200938
CA 2,855,777
CN 201180063283.9
CN 201280063917.5
CN 201280066431.7
CN 201380039011.4
JP 5,969,041
JP 5,969,695
JP 6,169,681
JP 6,203,898
JP 6,203,899
JP 6,208,284
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JP 6,279,776
JP 6,364,447
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KR 1,366,648
KR 1,414,182
KR 1,424,220

KR 1,433,170
KR 1,435,556
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KR 1,527,443
KR 1,591,352
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KR 1,615,662
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KR 1,718,886
KR 1,720,622
KR 1,725,818
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KR 1,809,730
KR 1,809,731
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KR 1,947,142
KR 1,949,817
KR 1,949,818
KR 1,977,857
RU 2,575,419
RU 2,632,154
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RU 2,632,158
TW I563836
TW I596935
TW I612799
TW I619378
TW I619379
TW I621353
TW I651962
TW I651963
TW I653877
TW I662831
US 9,497,465
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US 9,723,311
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US 9,832,474
US 9,848,190
US 9,854,249
US 9,883,182

Electronics and Telecommunications Research Institute, Industry-Academy Cooperation Foundation of Sejong University and Kwangwoon University Industry - Academic Collaboration Foundation

KR 882,949
KR 927,733
US 8,548,060
US 9,154,784
US 9,225,982
US 9,736,484
US 9,819,942

Electronics and Telecommunications Research Institute, Kwangwoon University Industry - Academic Collaboration Foundation and University-Industry Cooperation Group of Kyung Hee University

CN 201310301386.5
CN 201410432281.8
KR 1,356,448
KR 1,412,176
KR 1,461,496
KR 1,461,497
KR 1,605,852
KR 1,726,274
KR 1,726,276
KR 1,797,055
KR 1,894,407
US 8,867,854
US 9,369,737
US 9,407,937
US 9,942,554
US 10,178,393

Fujitsu Limited

AU 2007351295
AU 2012203337
AU 2013210274
AU 2014210568
AU 2014210569
AU 2014210570
AU 2015213341
AU 2015213342
AU 2015272009
CA 2,681,025

CA 2,778,486
CA 2,863,170
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CN 102833533
CN 103202015
CN 103533363
CN 104067619
CN 104539950
CN 104539951
CN 104539963
DE 60 2007 055 200.1
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DE 60 2007 055 803.4
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DE 60 2012 056 727.9
DE 60 2012 056 747.3
DE 60 2012 057 326.0
DE 60 2012 058 172.7
ES 2,536,146
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MX 337,473
MX 338,369
MX 344,446
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MX 348,224
TW I488471
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TW I538488
TW I543585
TW I555387
TW I556633
TW I565306
TW I602424

US 8,072,541
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US 9,973,774
US 10,070,144
US 10,148,966

Funai Electric Co., Ltd.

JP 5,481,698
JP 5,482,735
JP 5,556,936
JP 5,678,998
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JP 5,679,003
JP 5,679,004
TW I586151
TW I612801
US 9,843,799
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US 10,165,268
US 10,200,686
US 10,298,922

Hangzhou Hikvision Digital Technology Co., Ltd.

KR 1,388,469
KR 1,539,178
KR 1,539,179
KR 1,543,171
KR 1,543,200
US 8,855,205
US 9,344,738
US 9,344,739
US 9,344,740
US 9,344,741

HUMAX Co., Ltd.

CN 104918045

CN 201180038054.1
CN 201510176228.0
CN 201510219813.4
CN 201510226239.5
CN 201610288628.5
CN 201610726637.8
CN 201610728919.1
CN 201610833394.8
CN 201611000685.5
KR 1,292,091
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US 8,995,778
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US 9,058,659
US 9,154,790
US 9,167,250
US 9,172,959

IBEX PT Holdings

CN 201280017441.1
CN 201280042092.9
CN 201280042121.1
CN 201510002214.7
CN 201510012849.5
CN 201510102740.0
CN 201510634271.7
ID P000052271
ID P000054323
ID P00201401638
JP 5,889,392
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JP 6,254,668
JP 6,417,021
JP 6,417,022
KR 1,204,385
KR 1,210,893

MX 328,075
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MX 365,013
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US 9,445,127
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US 9,788,016
US 9,800,887
US 9,854,273
US 9,948,945
US 10,123,032
US 10,123,033
US 10,123,035
US 10,123,049

IDEAHUB, Inc.

KR 928,325
KR 1,531,397
KR 1,562,343
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KR 1,650,936
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KR 1,821,981
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KR 1,934,840
US 9,467,705
US 9,641,849
US 9,918,093

Industry-Academy Cooperation Foundation of Sejong University

KR 1,440,731
KR 1,549,016
KR 1,549,017
KR 1,549,018
KR 1,614,402

**Industry-Academy Cooperation Foundation of Sejong University and Kwangwoon University Industry -
Academic Collaboration Foundation**

KR 1,356,653

Infobridge Pte. Ltd.

AL 2,752,004

AL 2,752,005

AL 2,773,117

AL 2,774,120

AL 2,774,122

AL 2,774,374

AL 2,786,577

AR 096102

AT 2,752,004

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AU 2012331601

AU 2012331602

AU 2012334553

AU 2013211395

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AU 2015249104

AU 2015249105

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AU 2015261609

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AU 2016203215

AU 2016203216

AU 2016203217

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CN 201210436688.9
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CN 201210488604.6

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CN 201510727122.5
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Addendum of Patents of Withdrawn Licensors

Each patent listed below was contributed to the HEVC Patent Licensing Program by an entity that has withdrawn as a licensor from the HEVC Patent Licensing Program. Those licensees with an HEVC Patent Portfolio License in effect *on or prior to* the date of withdrawal indicated next to each patent retain their license under the respective withdrawn patent after the indicated withdrawal date.

NEWRACOM, Inc. (withdrawn October 11, 2016)

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Addendum of Patents Removed from HEVC Attachment 1

Each patent listed below was previously listed on the Attachment 1 and has now been deleted effective as of the date listed next to the removed patent. Those licensees with an HEVC Patent Portfolio License in effect *on or prior to* the date of removal indicated next to each patent retain their license under the respective removed patent after the indicated removal date.

Fujitsu Limited

AU 2015213343

removed as of January 11, 2019