



## The Patent List for HFC-32 Patent Pledge

Patent No./Publication No.	Patent application date	Title	Added date to the list
AU2013264129	19-Apr-13	Refrigeration apparatus	1-Jul-19
AU2013268781	19-Apr-13	Refrigeration apparatus	1-Jul-19
AU2013310668	27-Aug-13	Refrigeration apparatus	1-Jul-19
AU2013339083	31-Oct-13	Refrigeration device	1-Jul-19
AU2014347992	24-Oct-14	Indoor unit	1-Jul-19
AU2015220023	17-Feb-15	Air conditioning apparatus	1-Jul-19
AU2015271968	18-Dec-15	Refrigeration apparatus	1-Jul-19
AU2015338330	29-Sep-15	Air conditioner	1-Jul-19
AU2015338331	29-Sep-15	Air-conditioner indoor unit	1-Jul-19
AU2015338332	29-Sep-15	Air conditioner	1-Jul-19
AU2015338334	29-Sep-15	Air conditioner	1-Jul-19
AU2016201388	3-Mar-16	Refrigeration apparatus	1-Jul-19
AU2016202008	31-Mar-16	Refrigeration apparatus	1-Jul-19
AU2016221001	3-Feb-16	Air conditioning system	1-Jul-19
AU2016242617	23-Feb-16	Indoor unit of air conditioning apparatus	1-Jul-19
AU2016242725	29-Feb-16	Installation check system	1-Jul-19
AU2016253846	18-Apr-16	Air conditioner	1-Jul-19
AU2016284145	15-Jun-16	Air conditioning system	1-Jul-19
AU2016292255	29-Jun-16	Air conditioning machine	1-Jul-19
AU2017258837	7-Nov-17	Refrigeration apparatus	1-Jul-19
BR112014028992	19-Apr-13	Refrigeration device	1-Jul-19
BR112014029461	19-Apr-13	Refrigeration device	1-Jul-19
BR112015003481	27-Aug-13	Refrigeration system	1-Jul-19
BR112015009821	31-Oct-13	Refrigeration device	1-Jul-19
BR112016010128	24-Oct-14	Internal unit	1-Jul-19
CN104321597	19-Apr-13	Freezer	1-Jul-19
CN104334980	19-Apr-13	Refrigeration device	1-Jul-19
CN104603557	27-Aug-13	Refrigeration system	1-Jul-19
CN104736944	19-Aug-13	Air conditioner	1-Jul-19

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Patent No./Publication No.	Patent application date	Title	Added date to the list
CN104755857	31-Oct-13	Refrigeration device	1-Jul-19
CN105526727	19-Apr-13	Refrigeration device	1-Jul-19
CN105605816	19-Apr-13	Refrigeration apparatus	1-Jul-19
CN105705888	24-Oct-14	Indoor unit	1-Jul-19
CN105723161	15-Oct-14	Indoor unit for air conditioner	1-Jul-19
CN106030222	17-Feb-15	Air conditioning device	1-Jul-19
CN106052180	31-Oct-13	Refrigeration device	1-Jul-19
CN106839496	19-Apr-13	Freezer	1-Jul-19
CN107076454	29-Sep-15	Air-conditioner indoor unit	1-Jul-19
CN107076492	29-Sep-15	Air conditioner	1-Jul-19
CN107110540	29-Sep-15	Air conditioner	1-Jul-19
CN107110541	29-Sep-15	Air conditioner	1-Jul-19
CN107250683	3-Feb-16	Air conditioning system	1-Jul-19
CN107407491	23-Feb-16	Indoor unit of air conditioning system	1-Jul-19
CN107407492	29-Feb-16	Installation check system	1-Jul-19
CN107709902	15-Jun-16	Air conditioning system	1-Jul-19
CN107735630	29-Jun-16	Air conditioning machine	1-Jul-19
CN108307648	18-Apr-16	Air-conditioning device	1-Jul-19
CN108474604	28-Mar-16	Air conditioner	1-Jul-19
EP2878900	19-Apr-13	Refrigeration device	1-Jul-19
EP2878901	19-Apr-13	Freezer	1-Jul-19
EP2905563	27-Aug-13	Refrigeration system	1-Jul-19
EP2918947	19-Aug-13	Air conditioner	1-Jul-19
EP2918948	31-Oct-13	Refrigeration device	1-Jul-19
EP3070420	24-Oct-14	Indoor unit	1-Jul-19
EP3115716	17-Feb-15	Air conditioning device	1-Jul-19
EP3139109	19-Apr-13	Refrigeration apparatus	1-Jul-19
EP3144602	19-Apr-13	Refrigeration apparatus	1-Jul-19
EP3208557	19-Apr-13	Refrigeration apparatus	1-Jul-19
EP3214383	29-Sep-15	Air conditioner	1-Jul-19

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Patent No./Publication No.	Patent application date	Title	Added date to the list
EP3214386	29-Sep-15	Air-conditioner indoor unit	1-Jul-19
EP3214391	29-Sep-15	Air conditioner	1-Jul-19
EP3249311	29-Sep-15	Air conditioner	1-Jul-19
EP3260791	3-Feb-16	Air conditioning system	1-Jul-19
EP3276271	29-Feb-16	Installation check system	1-Jul-19
EP3279582	23-Feb-16	Indoor unit of air conditioning system	1-Jul-19
EP3279590	28-Mar-16	Air conditioner	1-Jul-19
EP3290817	18-Apr-16	Air-conditioning device	1-Jul-19
EP3315880	15-Jun-16	Air conditioning system	1-Jul-19
EP3324138	29-Jun-16	Air conditioning machine	1-Jul-19
EP3372923	17-Feb-15	Air conditioning apparatus	1-Jul-19
IN0718/KOLNP/2015	17-Mar-15	Refrigeration system	1-Jul-19
IN1249/KOLNP/2015	4-May-15	Refrigeration device	1-Jul-19
IN201637011797	4-Apr-16	Indoor unit	1-Jul-19
IN201717032071	11-Sep-17	Air conditioning system	1-Jul-19
IN201717032773	15-Sep-17	Installation check system	1-Jul-19
IN201717041635	21-Nov-17	Air-conditioning device	1-Jul-19
IN201717045508	18-Dec-17	Air conditioning machine	1-Jul-19
IN201738024220	10-Jul-17	Refrigeration device	1-Jul-19
IN201817002518	22-Jan-18	Air conditioning system	1-Jul-19
IN201838049661	28-Dec-18	Freezer	1-Jul-19
IN201838049767	28-Dec-18	Freezer	1-Jul-19
IN2999/KOLNP/2014	22-Dec-14	Freezer	1-Jul-19
IN3000/KOLNP/2014	22-Dec-14	Refrigeration device	1-Jul-19
JP2016191502	31-Mar-15	Refrigerant passage switch unit	1-Jul-19
JP2016191504	31-Mar-15	Heat source unit of refrigeration device	1-Jul-19
JP2016191505	31-Mar-15	Heat source unit of refrigeration device	1-Jul-19
JP2016191506	31-Mar-15	Refrigerator	1-Jul-19
JP2016191519	31-Mar-15	Installation check system	1-Jul-19
JP2016191529	31-Mar-15	Refrigerating device	1-Jul-19

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Patent No./Publication No.	Patent application date	Title	Added date to the list
JP2016211762	30-Apr-15	Air conditioning system	1-Jul-19
JP2016211793	11-May-15	Air conditioning ventilation system	1-Jul-19
JP2016211794	11-May-15	Air conditioning ventilation system	1-Jul-19
JP2016211826	13-May-15	Air conditioning ventilation system	1-Jul-19
JP2016223643	27-May-15	Air conditioning ventilation system	1-Jul-19
JP2017009267	26-Jun-15	Air-conditioning system	1-Jul-19
JP2017009268	26-Jun-15	Air conditioning machine	1-Jul-19
JP2017075777	26-Dec-16	Utilization-side air conditioner and air conditioner comprising the same	1-Jul-19
JP2018028430	14-Nov-17	Refrigeration apparatus	1-Jul-19
JP5500240	18-Dec-12	Refrigeration apparatus	1-Jul-19
JP5516712	18-Dec-12	Refrigeration device	1-Jul-19
JP5644920	9-Sep-13	Refrigeration apparatus	1-Jul-19
JP5648731	31-Oct-13	Refrigeration device	1-Jul-19
JP5672290	31-Oct-12	Air conditioner	1-Jul-19
JP5761306	6-Nov-13	Heat source unit for refrigeration device	1-Jul-19
JP5765325	18-Dec-12	Refrigeration apparatus	1-Jul-19
JP5794279	14-Nov-13	Air conditioner	1-Jul-19
JP5804027	14-Nov-13	Indoor unit for air conditioner	1-Jul-19
JP5812081	12-Nov-13	Indoor unit	1-Jul-19
JP5842987	15-Dec-14	Refrigeration device	1-Jul-19
JP5870915	28-Dec-12	Refrigeration apparatus	1-Jul-19
JP5892199	27-Jun-14	Air conditioning indoor machine	1-Jul-19
JP5904244	27-Aug-14	Refrigeration device	1-Jul-19
JP5939292	31-Oct-14	Air conditioner	1-Jul-19
JP5983707	31-Oct-14	Air-conditioner indoor unit	1-Jul-19
JP5987887	31-Oct-14	Air-conditioner indoor unit	1-Jul-19
JP6003616	18-Dec-12	Refrigeration apparatus	1-Jul-19
JP6020534	31-Oct-14	Air conditioner	1-Jul-19
JP6079055	27-Aug-12	Refrigeration system	1-Jul-19

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Patent No./Publication No.	Patent application date	Title	Added date to the list
JP6079061	29-Aug-12	Refrigeration system	1-Jul-19
JP6079831	10-Jul-15	Refrigerating and air conditioning device	1-Jul-19
JP6111665	28-Dec-12	Refrigeration apparatus	1-Jul-19
JP6135705	7-Apr-15	Utilization-side air conditioner and air conditioner comprising the same	1-Jul-19
JP6146516	27-Jun-16	Air conditioning machine	1-Jul-19
JP6168113	11-Aug-15	Air-conditioning indoor unit	1-Jul-19
JP6222252	22-Feb-16	Indoor unit for air conditioning system	1-Jul-19
JP6248898	31-Oct-14	Air conditioner	1-Jul-19
JP6252332	18-Apr-14	Refrigeration device	1-Jul-19
JP6277832	3-Apr-14	Controller	1-Jul-19
JP6323214	27-Jun-14	Heating/cooling simultaneous operation type air conditioner	1-Jul-19
JP6328673	25-Jan-16	Refrigeration device	1-Jul-19
JP6331768	27-Jun-14	Heating/cooling simultaneous operation type air conditioner	1-Jul-19
JP6361258	18-Apr-14	Refrigeration device	1-Jul-19
JP6361263	23-Apr-14	Air conditioner	1-Jul-19
JP6375639	21-Feb-14	Air conditioning apparatus	1-Jul-19
JP6394116	27-Jun-14	Heating/cooling simultaneous operation type air conditioner	1-Jul-19
JP6398372	27-Jun-14	Floor-type indoor unit of air conditioner	1-Jul-19
JP6398373	27-Jun-14	Floor-type indoor unit of air conditioner	1-Jul-19
JP6413447	1-Aug-14	Refrigerating device	1-Jul-19
JP6417750	27-Jun-14	Heating/cooling simultaneous operation type air conditioner	1-Jul-19
JP6417775	1-Aug-14	Refrigerating device	1-Jul-19
JP6443177	30-Mar-15	Air conditioning system	1-Jul-19

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Patent No./Publication No.	Patent application date	Title	Added date to the list
JP6468347	28-Mar-16	Air conditioner	1-Jul-19
JP6484950	1-Aug-14	Refrigerating device	1-Jul-19
JP6497195	28-Apr-15	Air-conditioning device	1-Jul-19
JP6507796	31-Mar-15	Air conditioner, air conditioning machine system, and gas sensor unit	1-Jul-19
JP6519360	1-Jul-15	Indoor machine of air conditioner	1-Jul-19
JP6519373	15-Jul-15	Indoor machine of air conditioner	1-Jul-19
JP6528446	18-Feb-15	Air conditioner	1-Jul-19
KR101634483	19-Apr-13	Freezer	1-Jul-19
KR101634484	19-Apr-13	Refrigeration device	1-Jul-19
KR101647942	19-Apr-13	Refrigeration device	1-Jul-19
KR101666341	19-Apr-13	Refrigeration apparatus	1-Jul-19
KR101678324	27-Aug-13	Refrigeration system	1-Jul-19
KR20150079860	31-Oct-13	Refrigeration device	1-Jul-19
KR20160099118	31-Oct-13	Refrigeration device	1-Jul-19
KR20170117519	3-Feb-16	Heating ventilation and cooling system	1-Jul-19
KR20170132348	31-Oct-13	Refrigeration device	1-Jul-19
TH156034	31-Oct-13	Refrigeration device	1-Jul-19
US10113783	29-Jun-16	Air conditioning machine	1-Jul-19
US10126012	29-Sep-15	Air conditioner	1-Jul-19
US10197321	7-Aug-17	Refrigeration apparatus	1-Jul-19
US10234164	17-Feb-15	Air conditioning apparatus	1-Jul-19
US20150233622	27-Aug-13	Refrigeration apparatus	1-Jul-19
US20150300698	31-Oct-13	Refrigeration apparatus	1-Jul-19
US20170314805	29-Sep-15	Air-conditioner indoor unit	1-Jul-19
US20170328620	29-Sep-15	Air conditioner	1-Jul-19
US20170336092	29-Sep-15	Air conditioner	1-Jul-19
US20180045424	3-Feb-16	Air conditioning system	1-Jul-19
US20180135878	18-Apr-16	Air conditioner	1-Jul-19
US20180142913	29-Feb-16	Installation check system	1-Jul-19

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Patent No./Publication No.	Patent application date	Title	Added date to the list
US20180180338	15-Jun-16	Air conditioning system	1-Jul-19
US20180283718	28-Mar-16	Air-conditioning apparatus	1-Jul-19
US9587863	19-Apr-13	Refrigeration apparatus	1-Jul-19
US9625195	24-Oct-14	Indoor unit	1-Jul-19
US9897355	1-Sep-16	Refrigeration apparatus	1-Jul-19
US9958191	19-Apr-13	Refrigeration apparatus	1-Jul-19
AE535/2015	31-Oct-13	Refrigeration device	1-Jul-21
AU2016246918	6-Apr-16	Usage-side air-conditioning apparatus and air-conditioning apparatus provided with same	1-Jul-21
AU2017351140	23-Oct-17	Air conditioner	1-Jul-21
AU2017393035	26-Dec-17	Refrigeration apparatus with shutoff valve	1-Jul-21
AU2018310045	3-Aug-18	Refrigeration device	1-Jul-21
AU2018329314	29-Aug-18	Air conditioning system and refrigerant branching unit	1-Jul-21
AU2019200650	31-Jan-19	Usage-side air-conditioning apparatus and air-conditioning apparatus provided with same	1-Jul-21
AU2019204612	28-Jun-19	Refrigeration apparatus	1-Jul-21
BR112019004907	29-Sep-17	Refrigeration apparatus	1-Jul-21
CN107429934	6-Apr-16	User-side air conditioning device and air conditioning device comprising same	1-Jul-21
CN107923642	31-Aug-16	Air conditioning system	1-Jul-21
CN108603707	22-Dec-16	Fan drive circuit for heat pump device	1-Jul-21
CN109791009	29-Sep-17	Refrigeration device	1-Jul-21
CN109891167	23-Oct-17	Air conditioning device	1-Jul-21
CN110168288	22-Dec-17	Air conditioning device and indoor unit	1-Jul-21
CN110177983	26-Dec-17	Refrigerating device having shutoff valve	1-Jul-21

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Patent No./Publication No.	Patent application date	Title	Added date to the list
CN110234934	22-Dec-17	Indoor unit	1-Jul-21
CN110392811	30-Mar-18	Method for detecting location of refrigerant leak	1-Jul-21
CN110402359	26-Mar-18	Refrigeration apparatus	1-Jul-21
CN110402360	28-Mar-18	Indoor unit of refrigeration device	1-Jul-21
CN110546437	20-Mar-18	Air conditioner selection system	1-Jul-21
CN110631175	6-Apr-16	Usage-side air-conditioning apparatus and air-conditioning apparatus provided with same	1-Jul-21
CN110637197	3-Jul-18	Indoor unit for air conditioner comprising refrigerant detection sensor	1-Jul-21
CN110730893	3-Aug-18	Refrigeration device	1-Jul-21
CN110869755	6-Jul-18	Refrigerant detection sensor and refrigeration device using same	1-Jul-21
CN111033151	29-Aug-18	Air conditioning system and refrigerant branching unit	1-Jul-21
CN111201411	3-Oct-18	Refrigeration device	1-Jul-21
CN111288565	23-Oct-17	Air conditioning device	1-Jul-21
EP3282203	6-Apr-16	User-side air conditioning device and air conditioning device comprising same	1-Jul-21
EP3346203	31-Aug-16	Air conditioning system	1-Jul-21
EP3447406	22-Dec-16	Fan drive circuit for heat pump device	1-Jul-21
EP3521731	29-Sep-17	Refrigeration device	1-Jul-21
EP3534084	23-Oct-17	Air conditioning device	1-Jul-21
EP3537055	6-Apr-16	User-side air conditioning apparatus and air-conditioning apparatus provided with same	1-Jul-21
EP3569944	22-Dec-17	Air conditioning device and indoor unit	1-Jul-21
EP3569956	26-Dec-17	Refrigerating device having shutoff valve	1-Jul-21



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Patent No./Publication No.	Patent application date	Title	Added date to the list
EP3572734	22-Dec-17	Indoor unit	1-Jul-21
EP3604980	26-Mar-18	Freezer	1-Jul-21
EP3604982	28-Mar-18	Indoor unit of refrigeration device	1-Jul-21
EP3604983	30-Mar-18	Method for detecting location of refrigerant leak	1-Jul-21
EP3608600	20-Mar-18	Air conditioner selection system	1-Jul-21
EP3627068	31-Oct-13	Refrigeration apparatus	1-Jul-21
EP3653944	3-Jul-18	Indoor unit for air conditioner comprising refrigerant detection sensor	1-Jul-21
EP3663681	3-Aug-18	Refrigeration device	1-Jul-21
EP3680583	29-Aug-18	Air conditioning system and refrigerant branching unit	1-Jul-21
EP3683524	3-Oct-18	Refrigeration device	1-Jul-21
ID2016/03903	31-Oct-13	Refrigeration device	1-Jul-21
ID2019/04630	29-Sep-17	Refrigeration device	1-Jul-21
IN201717038856	1-Nov-17	User-side air conditioning device and air conditioning device comprising same	1-Jul-21
IN201917016084	23-Apr-19	Refrigeration device	1-Jul-21
IN201917020466	23-May-19	Air conditioning device	1-Jul-21
IN201917029887	24-Jul-19	Air conditioning device and indoor unit	1-Jul-21
IN201917032720	13-Aug-19	Refrigerating device having shutoff valve	1-Jul-21
IN202017005939	11-Feb-20	Air conditioning system and refrigerant branching unit	1-Jul-21
JP2017194187	18-Apr-16	Fan drive circuit of heat pump device	1-Jul-21
JP2018071968	12-Jan-18	Air-conditioning device	1-Jul-21
JP2018077040	27-Oct-17	Air conditioner	1-Jul-21
JP2018112350	11-Jan-17	Air conditioner and indoor unit	1-Jul-21
JP2018115780	16-Jan-17	Refrigerator with refrigerant release section	1-Jul-21

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Patent No./Publication No.	Patent application date	Title	Added date to the list
JP2018115782	16-Jan-17	Indoor unit for air conditioner	1-Jul-21
JP2018115831	20-Jan-17	Indoor unit	1-Jul-21
JP2018115842	20-Jan-17	Refrigeration unit	1-Jul-21
JP2018124009	31-Jan-17	Refrigeration unit	1-Jul-21
JP2019019998	12-Jul-17	Refrigerant detection sensor and freezer using the same	1-Jul-21
JP2019045129	12-Jul-18	Air conditioning system	1-Jul-21
JP2019045139	10-Dec-18	Air conditioning system and refrigerant branching unit	1-Jul-21
JP2019074222	12-Oct-17	Refrigeration device	1-Jul-21
JP2019113258	25-Dec-17	Refrigerating device	1-Jul-21
JP2019215153	17-Jul-19	Air conditioning ventilation system	1-Jul-21
JP2020030043	27-Nov-19	Air conditioning machine	1-Jul-21
JP2020051732	28-Sep-18	Heat exchange unit	1-Jul-21
JP2020051733	28-Sep-18	Heat exchange unit	1-Jul-21
JP2020051734	28-Sep-18	Heat exchange unit	1-Jul-21
JP2020051735	28-Sep-18	Heat exchange unit	1-Jul-21
JP2020051736	28-Sep-18	Heat load processing system	1-Jul-21
JP2020051737	28-Sep-18	Heat load processing system	1-Jul-21
JP2020051738	28-Sep-18	Heat load processing system	1-Jul-21
JP2020204464	30-Sep-20	Air conditioning system and refrigerant branching unit	1-Jul-21
JP6278094	28-Oct-16	Air-conditioning device	1-Jul-21
JP6418346	30-Mar-18	Method for detecting location of refrigerant leak	1-Jul-21
JP6477767	31-Mar-17	Refrigeration apparatus	1-Jul-21
JP6528909	29-Sep-17	Refrigeration device	1-Jul-21
JP6536641	5-Sep-17	Air conditioning system and refrigerant branching unit	1-Jul-21
JP6555293	31-Mar-17	Indoor unit of refrigeration device	1-Jul-21
JP6613734	4-Sep-15	Air conditioning system	1-Jul-21

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Patent No./Publication No.	Patent application date	Title	Added date to the list
JP6638266	7-Sep-15	Air-conditioning indoor unit	1-Jul-21
JP6658687	10-Jul-17	Indoor unit for air conditioner with refrigerant detection sensor	1-Jul-21
JP6699773	28-Feb-19	Air conditioning system and refrigerant branching unit	1-Jul-21
JP6798322	16-Jan-17	Refrigerator with shutoff valve	1-Jul-21
JP6798590	26-Aug-19	Refrigeration device	1-Jul-21
JP6835058	10-Dec-18	Air conditioning system and refrigerant branching unit	1-Jul-21
JPWO2018186175	20-Mar-18	Air conditioner selection system	1-Jul-21
JPWO2019027050	3-Aug-18	Refrigeration device	1-Jul-21
KR10-2020-0090953	31-Oct-13	Refrigeration device	1-Jul-21
KR10-2137609	31-Oct-13	Refrigeration device	1-Jul-21
SA515360363	31-Oct-13	Refrigeration device	1-Jul-21
SA517380757	2017-Jan-22	Refrigeration device	1-Jul-21
TH1701005953	6-Apr-16	User-side air conditioning device and air conditioning device comprising same	1-Jul-21
TH1901001922	2017-Sep-29	Refrigeration device	1-Jul-21
US10533764	16-Apr-19	Air conditioner	1-Jul-21
US10605479	31-Aug-16	Air-conditioning system	1-Jul-21
US10712035	21-Nov-19	Air conditioner with refrigerant leakage control	1-Jul-21
US10866004	26-Dec-17	Refrigeration apparatus with shutoff valve	1-Jul-21
US10914482	22-Dec-16	Fan drive circuit for heat pump device	1-Jul-21
US20190234660	29-Sep-17	Refrigeration apparatus	1-Jul-21
US20190338981	18-Jul-19	Usage-side air-conditioning apparatus and air-conditioning apparatus provided with same	1-Jul-21
US20190383522	22-Dec-17	Indoor unit	1-Jul-21



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Patent No./Publication No.	Patent application date	Title	Added date to the list
US20200011560	30-Mar-18	Method of searching for refrigerant leak location	1-Jul-21
US20200018502	20-Mar-18	Air conditioner selection system	1-Jul-21
US20200018504	28-Mar-18	Indoor unit for refrigeration device	1-Jul-21
US20200041173	9-Oct-19	Refrigeration apparatus	1-Jul-21
US20200049361	26-Mar-18	Refrigeration apparatus	1-Jul-21
US20200240686	3-Oct-18	Refrigeration apparatus	1-Jul-21
US20200393140	3-Jul-18	Air conditioning apparatus indoor unit including refrigerant detection sensor	1-Jul-21
WO2019/049746	29-Aug-18	Air conditioning system and refrigerant branching unit	1-Jul-21
WO2020/021661	25-Jul-18	Air conditioning system	1-Jul-21
WO2020/031233	6-Aug-18	Air conditioning system	1-Jul-21
WO2020/031234	6-Aug-18	Air conditioning system	1-Jul-21
WO2020/044539	31-Aug-18	Air conditioner	1-Jul-21
WO2020/067010	24-Sep-19	Heat exchange unit	1-Jul-21
WO2020/067038	24-Sep-19	Heat exchange unit	1-Jul-21
WO2020/067040	24-Sep-19	Heat load processing system	1-Jul-21
WO2020/067041	24-Sep-19	Heat load processing system	1-Jul-21

This patent list is Ver2.0

### Document Version Control Log

Version	Date	Description of Changes
1.0	1-Jul-19	The first patent list for the HFC-32 Patent Pledge
2.0	1-Jul-21	123 patents are added to the list.