

HAMAMATSU

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VM05-2022-01

HAMAMATSU Virtual Patent Marking – FEBRUARY 28, 2022

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The **HAMAMATSU** Products listed below are protected by one or more patents listed in the corresponding column in the United States.

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Items listed below may be sold individually or as part of a combination product.

qCMOS™ Camera

Patented Products	Associated Patent Number(s)
ORCA-Quest	US11,204,432 US11,215,717 US9,423,601 US10,142,566 US10,362,245 US10,602,087

CMOS Camera

Patented Products	Associated Patent Number(s)
ORCA-Fusion BT	US9,423,601 US10,142,566 US10,362,245 US10,602,087
ORCA-Fusion	US9,423,601 US10,142,566 US10,362,245 US10,602,087
ORCA-Flash4.0 V3	US9,423,601 US9,995,920 US10,142,566 US10,362,245 US10,602,087 US10,684,459
ORCA-Flash4.0 V2+	US9,423,601 US10,142,566 US10,362,245 US10,602,087

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ORCA-Flash4.0 V2	US9,423,601 US10,142,566 US10,362,245 US10,602,087
ORCA-Flash4.0 LT+	US9,995,920 US10,684,459
ORCA-Flash4.0 LT	US9,995,920 US10,684,459
ORCA-Lightning	US9,423,601 US10,142,566 US10,362,245 US10,602,087

X-ray TDI camera

Patented Products	Associated Patent Number(s)
C15400 Series	US8,723,129 US8,829,449 US9,279,890 US10,101,469 US10,746,884 US10,859,715

X-ray line scan camera

Patented Products	Associated Patent Number(s)
C8133 Series	US8,223,922 US8,280,005 US8,600,005 US8,964,939 US9,594,031 US10,393,676
C14300 Series	US10,267,751
C11800 Series	US10,267,751
C14960 Series	US10,267,751
C15600 Series	US10,267,751

Digital slide scanner

Patented Products	Associated Patent Number(s)
NanoZoomer S360	US7,602,996 US7,801,352 US7,978,898 US8,106,942 US8,107,770 US8,126,250 US8,422,127 US8,478,073

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	US9,911,028 USD848,434 USD848,433 US10,422,987 USD866,555 USD886,830 USD892,811 USD893,505 USD897,351 US10,969,570 US11,022,621
NanoZoomer S360MD	US7,602,996 US7,801,352 US7,978,898 US8,106,942 US8,107,770 US8,126,250 US8,422,127 US8,478,073 US9,911,028 US10,422,987 USD866,555 USD886,830 USD892,811 USD893,505 USD897,351 US10,969,570
NanoZoomer S210	US7,602,996 US7,801,352 US7,978,898 US8,106,942 US8,107,770 US8,126,250 US8,478,073 US9,911,028 US10,422,987
NanoZoomer S60	US7,602,996 US7,801,352 US7,885,447 US7,978,898 US8,106,942 US8,107,770 US8,126,250 US8,478,073 US9,911,028 US10,422,987
NanoZoomer-SQ	US7,602,996 US7,801,352 US7,978,898 US8,106,942 US8,107,770 US8,126,250 US8,422,127 US8,478,073 US9,911,028 US10,088,659 US10,422,987

Drug screening system

Patented Products	Associated Patent Number(s)
FDSS/ μ Cell	US10,180,525 US10,495,804
EFS pacing system	US9,778,189

Light-Sheet Microplate Cytometer

Patented Products	Associated Patent Number(s)
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CYTOQUBE	US10,809,509 US11,169,092 US11,131,839
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Blood vessels observation camera system

Patented Products	Associated Patent Number(s)
pde-neo II	US9,404,866

Luminescence efficiency measurement system

Patented Products	Associated Patent Number(s)
Absolute PL quantum yield spectrometer	US8,324,561 US8,462,337 US8,525,989 US8,587,779 US8,643,839 US9,423,339 US10,094,779 US10,209,189 US11,150,178
Quantaurs-QY	US8,462,337 US8,587,779 US8,592,780 US8,643,839 US8,916,836 US9,024,278 US9,423,339 US10,094,779
Quantaurs-QY Plus UV-NIR	US8,462,337 US8,525,989 US8,587,779 US8,592,780 US8,643,839 US8,916,836 US9,024,278 US9,423,339 US9,952,101 US10,036,706 US10,094,779 US10,222,332 US10,928,246
ODPL measurement system	US10,816,402

Fluorescence lifetime/transient absorption analysis system

Patented Products	Associated Patent Number(s)
Quantaurs-Tau Fluorescence lifetime spectrometer	US10,962,932

Failure analysis system

Patented Products	Associated Patent Number(s)
PHEMOS Series	US10,048,483 US10,663,709
iPHEMOS Series	US10,048,483 US10,663,709
EO Probing unit	US9,099,350 US9,562,944 US9,588,175 US9,618,563 US10,060,975 US10,101,383 US10,139,447 US10,330,615 US10,508,996 US10,591,427 US10,705,139 US11,047,792
High power Incoherent Light source for EOP/EOFM	US9,099,350 US10,408,874
Laser marker unit	US9,557,377 US10,312,166 US10,586,743 US10,607,900 US10,923,404
Laser scan system C10656 Series	US9,411,143 US9,733,297
Laser scan system C14432 Series	US9,411,143 US9,733,297 US11,209,476
MOCI unit	US10,139,370 US10,564,126 US10,656,187 US10,698,006 US10,976,284 US11,009,531
Semishop failure analysis software	US7,752,594 US9,536,300 US9,734,571 US10,371,746 US11,009,531
SIL cap	US7,046,449 US7,110,172 US7,149,036 US7,221,502 US7,312,921 US7,414,800 US7,576,910 US8,094,389 US8,582,202 US10,545,309 US10,558,010
Thermal lock-in unit	US9,575,020 US9,658,116 US10,365,324 US10,371,746

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DA function kit	US7,230,436
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